BID SUBMITTAL FORM
Alabama County Joint Bidding Program
Heavy Equipment – Bid Item: 21 Ton Wheel Excavator

Company Name: THOMPSON TRACTOR COMPANY

Address: PO BOX 10367

BIRMINGHAM AL 35202-0367

Bid Submitted by: JAY SMITH
(Name of company representative)

Title: SALES OPERATIONS MANAGER e-mail address: jaysmith@thompsontractor.com

Phone: 205-849-4242 Fax:

By submitting this bid, we agree:

	Initials
The equipment model number identified below meets the bid specs for this bid item	JAS
That the bid price will be honored for all counties for the period from Jan. 1, 2024 to Dec. 31, 2024.	JAS
The equipment will be delivered at the bid price to all counties participating in the joint bid program.	JAS
The company acknowledges the freight preparation and delivery price is to be included in the total bid price for the standard machine.	JAS
The company representative listed above will be the contact person for purchasing this bid item under the joint bid program.	JAS
The bid is accompanied by a current catalog or model specification document for the model number identified below.	JAS
The bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications.	JAS
The bid includes the e-verify documentation required by Alabama law.	JAS
If awarded the bid, a performance bond will be provided upon request.	JAS
The bid documents include the **Manufacturer's Suggested Retail Price Sheet (MSRP) for the Standard Machine.**	JAS

Total Bid Price for Standard Machine: $ 325,072
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs)*

Freight Preparation and Delivery: $ 12,720
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: $ 433,822

Equipment Model #: CATERPILLAR M320

Description: WHEELED EXCAVATOR

Signature of company representative submitting bid: [signature]

Title: SALES OPERATIONS MANAGER

* **NOTE:** Award will be made based on the total cost of the **Standard Machine**. The total cost of the standard machine is to include the freight preparation, delivery and standard warranty cost. Freight preparation, delivery will be excluded from the total bid price of the standard machine in determining the percentage discount for any available options.

BID SUBMITTAL FORM: OPTION COST SHEET

By submitting this bid, we agree:

To offer any available options at the percent difference between the Manufacturer's Suggested Retail Price Sheet and the actual bid price on the Standard Machine* ______

The bid documents include the **Manufacturer's Suggested Retail Price Sheet (MSRP)** for the Standard Machine ______

Equipment Model #: CATERPILLAR M320

Description: WHEELED EXCAVATOR

Signature of company representative submitting bid: ______

Title: SALES OPERATIONS MANAGER

***Note:** The percent difference between the **Manufacturer's Suggested Retail Price Sheet (MSRP)** for the standard machine as specified by these **Bid Specifications** and the actual price bid by the vendor will be calculated to determine the percentage discount to be applied to any available options. The bid price of the freight preparation, delivery cost shall be excluded in determining the percentage discount to be applied to available options. Any individual county may choose to add any available option to the standard machine at the percentage discount at the time of purchase.

M320	21 TON WHEELED EXCAVATOR		2024 Pricing
623-5774	M320 WHEELED EXCAVATOR CFG4		$341,542
	553-0169 M320 WHEEL EXCAVATOR		
	553-0170 COMMON ARRANGEMENT		
	558-7123 BOOM, 1PC		
	563-5765 QC CONTROL, PG, 1PC, GRADE		
	558-9523 AUTOLUBE, 1PC		
	559-5055 LINKAGE, BKT, A-LUBE, GRADE		
	583-3846 WIRING, PRODUCT LINK		
	585-8747 COUNTERWEIGHT		
	563-4269 HYDRAULIC OIL, MINERAL		
	581-3651 ALARM, TRAVEL		
	621-9627 LIGHTS, CHASSIS		
	589-1744 RADIO MODULE, PL243 CELLULAR		
553-8758	NO CAT GRADE CONTROL		$0
558-9532	9'6" STICK		$5,323
575-1387	1 PIECE BOOM, RIDECONTROL, BLCV & DRIFT VALVE		$9,736
565-4313	21.7 MPH SPEED		$0
496-8300	FRONT & REAR OUTRIGGERS		$33,572
548-1811	NO FENDERS		$0
474-7236	11.00-20 DUEL BRIDGESTONE TIRES		$8,050
622-4172	JOYSTICK STEERING AND HIGH PRESSURE CIRCUITS		$10,666
622-4236	MAIN CONTROL VALVE FOR 1 PIECE BOOM		$3,651
491-9770	DELUXE CAB		$11,524
539-9003	2-SLIDER JOYSTICKS		$3,156
555-7286	NETWORK MANAGER		$0
563-5769	REAR & RIGHT HAND SIDE CAMERAS		$985
527-9744	MIRRORS		$0
521-6833	N.A. DECALS		$0
0G-9240	STORAGE PROTECTION		$502
564-8368	AUTOLUBE		$1,586
544-0785	LINES FOR 2ND HIGH PRESSURE CIRCUIT		$641
563-5780	QUICK COUPLER STICK LINES		$1,202
618-5516	JOYSTICK CONTROLLER		$0
528-6146	GRADE SENSOR		$0
567-0427	BEACON ON TOP OF CAB		$379
527-7970	PEDAL		$1,308
	TOTAL BID PRICE FOR STANDARD MACHINE		**$325,072**
	FREIGHT PREPARATION AND DELIVERY		**$12,720**
	TOTAL MANUFACTURER'S SUGGESTED RETAIL PRICE FOR STANDARD MACHINE		**$433,822**

BID SPECIFICATIONS
FOR
21 TON WHEELED EXCAVATOR

GENERAL

These specifications shall be construed as the minimum acceptable standards for a 21-ton wheeled excavator. Should the manufacturer's current published data or specifications exceed these standards, the manufacturer's standards shall be considered minimum and shall be furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished. Additionally, the machine offered for bid shall include all standard manufacturer's equipment. **The wheeled excavator must be a new current production model and shall meet all EPA and other applicable standards at the time of manufacture.**

The use of specific names and numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer, but is intended solely for the purpose of indicating the type, size and quality of equipment considered best adapted to the uses of the counties participating in this joint bid.

BID SUBMITTAL FORM

Each bidder must submit his or her bid on the bid submittal form included in the invitation to bid package. All written warranties to be submitted shall be attached to the bid submittal form.

BID PRICE

The price bid shall include all destination charges, delivery charges, title fees, rebates, and all other applicable costs and refunds.

MANUALS

Each unit shall be provided with one (1) copy of the operator's manual, one (1) copy of the repair manual and one (1) copy of the current parts manual. Units will not be accepted for delivery until the manuals as outlined above are received by the purchaser.

REPLACEMENT PARTS AVAILABILITY

Parts must be available for 5 years or 7,500 hours of use for the piece of equipment. If any replacement parts are not delivered within three (3) working days of an order being placed, the bidder will deliver an equivalent machine for the county to use at no cost to the county until such time as the parts are delivered to the county so it can affect repairs to its machine.

WARRANTY

Bidders shall submit a copy of the manufacturer's standard warranty. Warranty shall include service response time of maximum of 36 hours within notification by county.

Yes ✓ No ___
Page #_______
or
Attachment X

WEIGHT

Minimum **41,400 lbs.**

Yes X No ___
Page # 14

ENGINE

Six (6) cylinders, turbo charged, diesel engine with minimum of **171 NET** flywheel Horsepower. Displacement minimum of **268 Cu. In.**

Yes X No ___
Page# 14

Oil and fuel filters of spin-on type, vertically mounted, accessible from ground level

Yes X No ___
Page # 2, 3, 15

Automatic engine speed control

Yes X No ___
Page # 15

Factory installed fuel line water separator

Yes X No ___
Page # 11

Variable speed on-demand fan type cooling system

Yes X No ___
Page # 14, 15

Engine designed and produced by equipment manufacturer

Yes X No ___
Page # 14

TRANSMISSION

Two-speed powershift, all-wheel drive in both speed ranges with creeper speed

Yes X No ___
Page # 8, 15

Maximum travel speed not less than **21 mph**

Yes X No ___
Page # Tech spec p. 2

Travel speed lock

Yes X No ___
Page # 8

HYDRAULICS

Variable displacement, closed center, load sensing hydraulic system

Yes X No ___
Page # 14, 15

Minimum **71-gallon** hydraulic oil system (including tank)

Yes X No ___
Page # 14

Travel circuit maximum pressure not less than **5,075 psi**

Yes X No ___
Page # 17

Implement circuit maximum pressure not less than **5,075 psi**

Yes X No ___
Page # 14

High pressure hydraulics circuit capable of powering high speed cutting attachment

Yes X No ___
Page # 14, 15

Single rocker pedal controls	Yes X No ___	Page # 8

AXLES/BRAKES

Front steering axle pivotally mounted to the frame and free to oscillate not less than **8°** in either direction	Yes X No ___	Page # Tech spec p. 2
Minimum Turning Radius (Outside of Tire) **21- ft**	Yes X No ___	Page # Tech spec p. 2
Minimum **14"** ground clearance	Yes X No ___	Page # 14
Minimum tractive force/drawbar pull **23,380 lb**	Yes X No ___	Page # Tech spec p. 2
Automatic brake/axle lock	Yes X No ___	Page # 8

ELECTRONICS, ELECTRONIC CONTROLS, ELECTRIC SYSTEM

Electronic fluid level check at machine start-up with operator warning for the following fluids: engine coolant, hydraulic oil	Yes X No ___	Page # 10
Lighter/Power Supply	Yes X No ___	Page # 15
24 volt electrical starting system	Yes X No ___	Page # 15
Alternator rated at not less than 115 amps	Yes X No ___	Page # 14
Two 12 Volt Heavy Duty, Maintenance Free Batteries	Yes X No ___	Page # 15
Central diagnostic function to record system parameters and faults	Yes X No ___	Page # 15
Cab monitor warning display when oil and filter maintenance interval is due	Yes X No ___	Page # 10
Cab monitor text warning messages of problems and international fault codes display	Yes X No ___	Page # 10
Central diagnostic function to record system parameters and faults	Yes X No ___	Page # 15

Master electrical disconnect switch that cuts all electrical power to all circuits

Yes X No ___
Page # TECH spec p 72

BOOM STICK AND PERFORMANCE

One-piece boom with **9'6"** minimum stick length

Maximum reach at ground level not less than **30'6"**

Yes X No ___
Page # TECH spec p. 72

Maximum digging depth not less than **19'-0"**

Yes X No ___
Page # TECH spec p.7

Maximum bucket digging force with standard trenching bucket not less than **30,700 lbs**.

Yes X No ___
Page # TECH spec p.7

Maximum stick digging force not less than **20,300 lbs**.

Yes X No ___
Page # TECH spec p.7

Maximum lifting capacity at ground level 20' from machine with load over front and two stabilizers down not less than **15,700 lbs**.

Yes X No ___
Page # TECH spec p.8

Anti-drift valves for stick and bucket cylinders

Yes X No ___
Page # TECH spec p.71

SWING MECHANISM

Max. Swing Speed not less than **9.2 rpm**

Yes X No ___
Page # 14

Swing Torque not less than **38,000 ft-lb**

Yes X No ___
Page # 14

CAB

Road, tail, and turn lights

Yes X No ___
Page # 15

Falling objects guard

Yes X No ___
Page # 2, 7, 15

Suspension seat with lumbar support

Yes X No ___
Page # 4

Sliding door window

Yes X No ___
Page # TECH spec p.75

Control levers mounted to suspension seat	Yes X No ___ Page # 4
Shock reducing dampening mounts	Yes X No ___ Page # 4
Factory installed CD/MP3/radio	Yes X No ___ Page # 4
Factory installed air conditioning with easy removable primary filter	Yes X No ___ Page # 14
All hydraulic controls locked out when console is in raised position.	Yes X No ___ Page # Tech spec p. 73
Console must be in raised position for engine start-up	Yes X No ___ Page # Tech spec p. 73
Back-up alarm	Yes X No ___ Page # Tech spec p. 73
Rear View and side view Cameras	Yes X No ___ Page # 3, 15
Retractable seat belt	Yes X No ___ Page # Tech spec p. 74

GENERAL:

Anti-skid, punched steel star plate covering the entire normal walking surface of the upper structure	Yes X No ___ Page # 11
Centralized maintenance and greasing points accessible from ground level	Yes X No ___ Page # 10
Wiper and washer for lower windshield	Yes X No ___ Page # 11
Fuel capacity not less than **124 gal.**	Yes X No ___ Page # 14

Bucket:

Standard with no bucket. Buckets will be considered optional attachments.

M320

WHEELED EXCAVATOR

Engine Power (ISO 14396:2002) 129 kW (174 hp)
Operating Weight Maximum 21 200 kg (40,740 lbs)

Meets U.S. EPA Tier 4 Final, EU Stage V, and Korea Tier 4 Final emission standards.

THE NEW CAT® M320
BOOSTING EFFICIENCY

The Cat® M320 Excavator maximizes performance with up to 16 percent more swing torque to get the job done faster. Save time and money with up to 10 percent overall savings in maintenance costs, longer service intervals, and 100 percent daily ground level maintenance. Combined with a comfortable working environment, the M320 keeps you working quickly and efficiently.

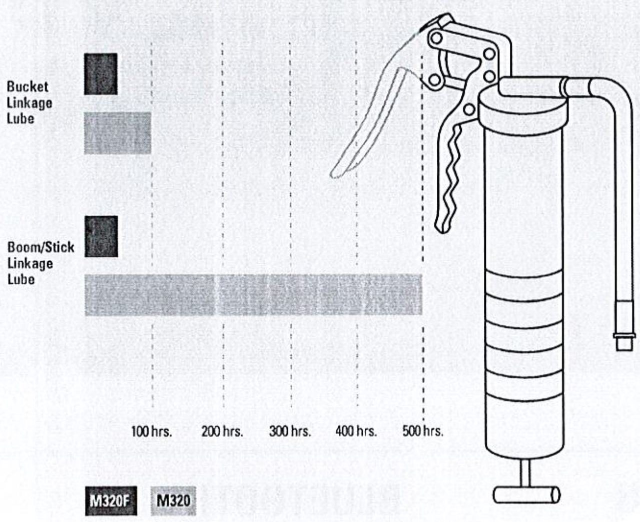
NEXT GENERATION WHEELED EXCAVATORS

The new line of Cat Excavators offers more choices than ever for your business.

- + LOWER OPERATING AND MAINTENANCE COSTS
- + INCREASED OPERATOR EFFICIENCY AND VISIBILITY
- + MORE IN-CAB COMFORT

Ready to help you make your business stronger, Cat Next Generation Wheeled Excavators give you new ways to get the most work done at a cost that fits your business.

DO MORE WORK WITH **EXTENDED INTERVALS**



MAXIMIZE **PERFORMANCE**

Work faster with up to 16 percent more swing torque with lower fuel and DEF consumption. Tiltrotator integration gives you more versatility to complete more tasks faster with one machine.

UP TO 10% LOWER MAINTENANCE COSTS

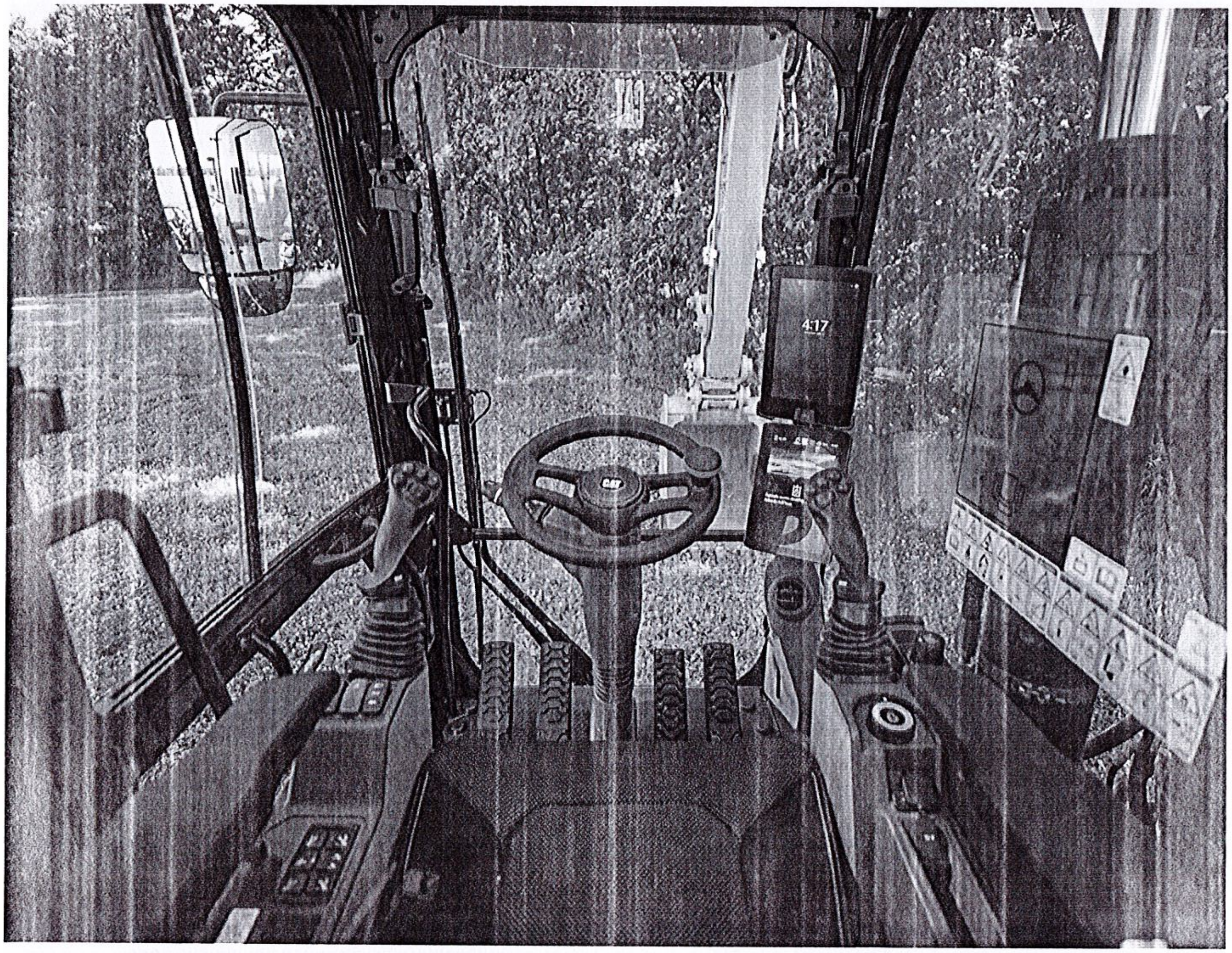
Fewer maintenance costs, combined with 100 percent daily ground-level maintenance and extended service intervals, increase uptime and keep overall costs down.

ENHANCED **CAB COMFORT**

Operate comfortably with the ergonomic control layout and cab options. Get better visibility with rear- and side-view cameras and an optional 360° machine view system.

NEW CAB DESIGN MAKES HARD WORK EASY

Comfort and movement efficiency help keep you productive and alert all shift long. A tip-up left console lets you get in and out of the cab easily, and the standard seat is wide and adjustable for operators of virtually any size.



ERGONOMIC CONTROL LAYOUT

Controls are easy to reach, allowing you to operate comfortably with minimal twists and turns.

REDUCED CAB VIBRATIONS

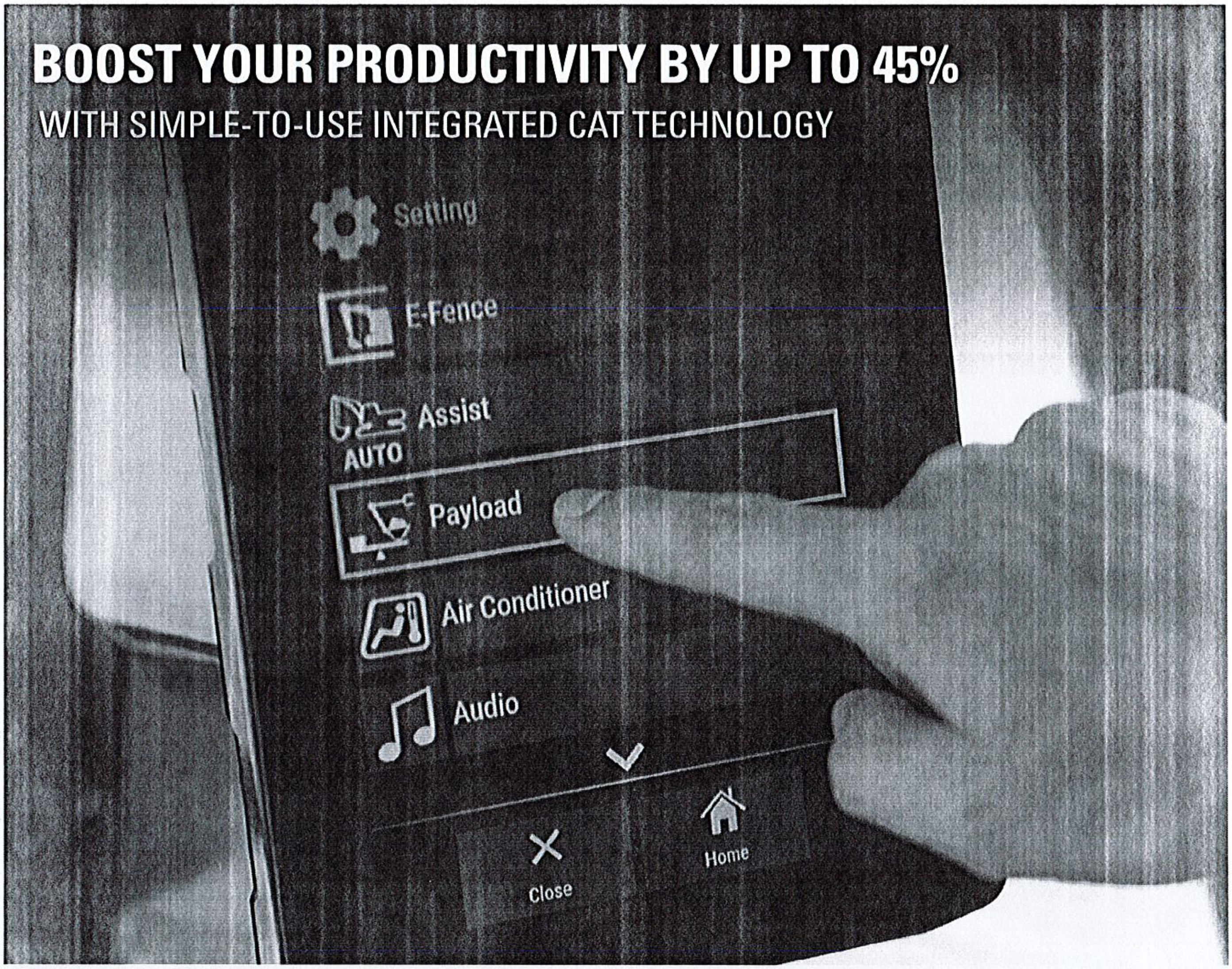
Work more comfortably with reduced cab vibrations from advanced viscous mounts. The standard ROPS cab meets ISO 12117-2:2008 requirements and helps block outside noise.

BLUETOOTH® CONNECTION

Bluetooth-integrated radio allows for seamless mobile phone connection to listen to music, podcasts, and hands-free calling.

BOOST YOUR PRODUCTIVITY BY UP TO 45%

WITH SIMPLE-TO-USE INTEGRATED CAT TECHNOLOGY



OPTIONAL TECHNOLOGIES INCLUDE:

CAT GRADE WITH 2D

Cat Grade with 2D helps operators reach grade faster. Onboard processors and sensors provide real-time guidance on distance to grade without guesswork. Work safer with fewer ground personnel needed to check the work area for obstacles or grade. All Cat Grade systems are compatible with radios and base stations from Trimble.

CAT PAYLOAD

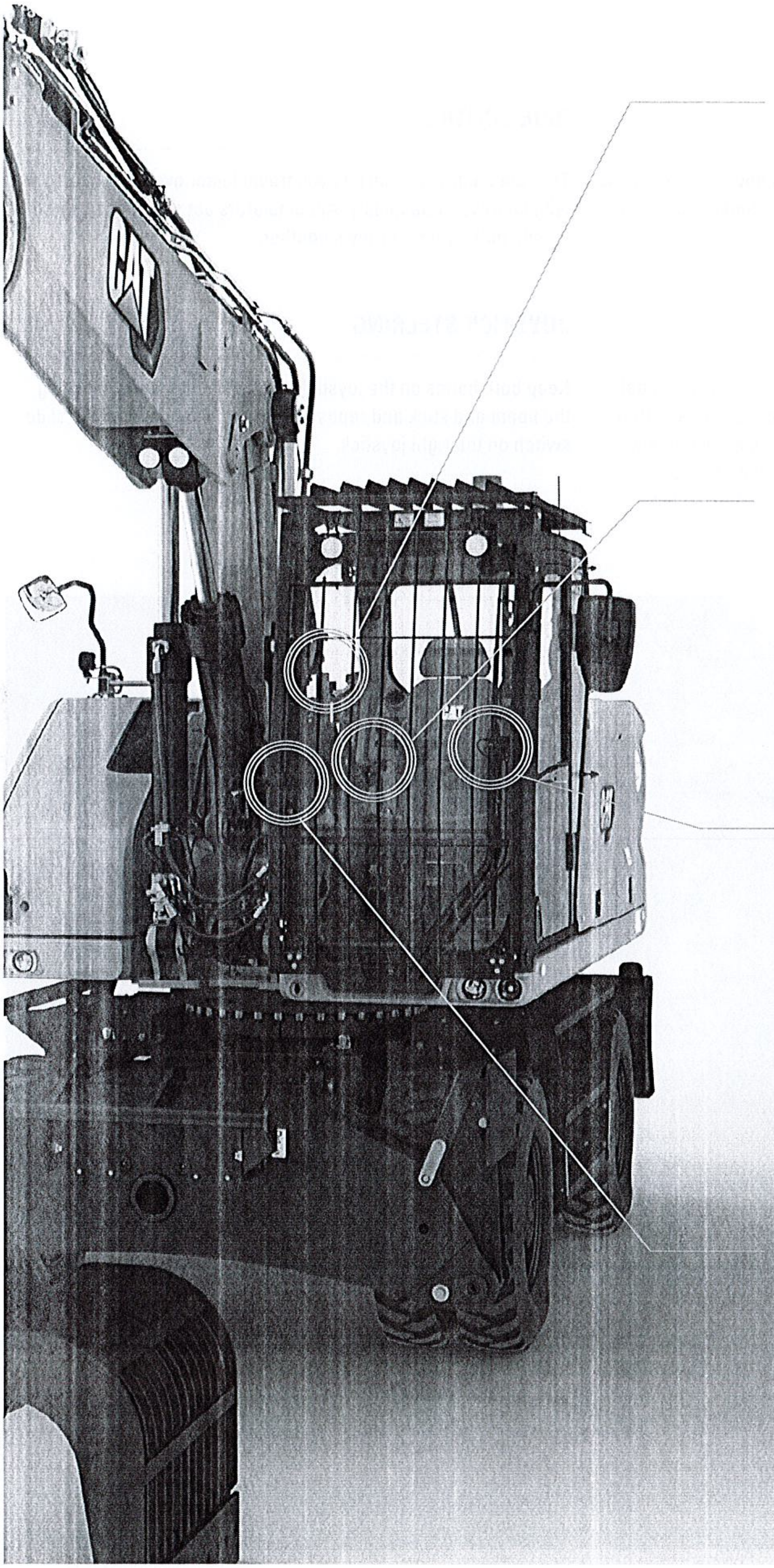
Onboard weighing system increases loading efficiency with on-the-go weighing. Combine with VisionLink® to manage your production targets remotely (available for download to USB).

Cat Technology gives you the edge. Operators of all experience levels will dig, load and grade with more confidence, speed, and accuracy to save time and money.

CAT TECHNOLOGY MORE WORK, LESS TIME

GET JOBS DONE FASTER WITH LESS REWORK

Cat Grade with Advanced 2D lets you create and edit grade designs with ease on a second high-resolution 240 mm (10 in.) touchscreen monitor. Cat Grade with 3D adds real-time, pinpoint positioning using GPS and GLONASS. Already invested in a grade infrastructure? You can install grade systems from Trimble.



POWER MODES

Set and store your power mode preference using Operator ID. Owners can lock in the mode they want their operators to use to help manage fuel consumption.

KEYLESS PUSH TO START

The M320 uses a keyless push-button engine start. This adds security for the machine by using Operator ID codes to limit and track machine access. Codes can be entered manually via an optional Bluetooth key fob.

CUSTOMIZABLE JOYSTICKS

Joystick function can be customized through the monitor. Joystick pattern as well as response can be set to match operator preference. All preferences are saved with the Operator ID and restored at login.

TOUCHSCREEN MONITOR

Most machine settings can be controlled through the high resolution 203 mm (8-inch) touchscreen monitor. It offers 42 languages and is easy to read from the seat.

SMARTBOOM™

SmartBoom lets the boom freely travel up and down without using any pump flow, so operators can focus on attachment control and have a smoother cycle.

RIDE CONTROL

The ride control system lets you travel faster over rough terrain with improved ride quality. Accumulators act as shock absorbers to help make your journey smoother.

AUTO AXLE LOCK WITH AUTO BRAKE

The axle locks at zero speed and unlocks when the travel pedal is activated. The axle can also be manually locked with a button on the right-hand console. Auto Axle Brake Lock automatically activates the service brake and locks axle oscillation. It is activated when the travel pedal is in neutral and the machine speed is near zero.

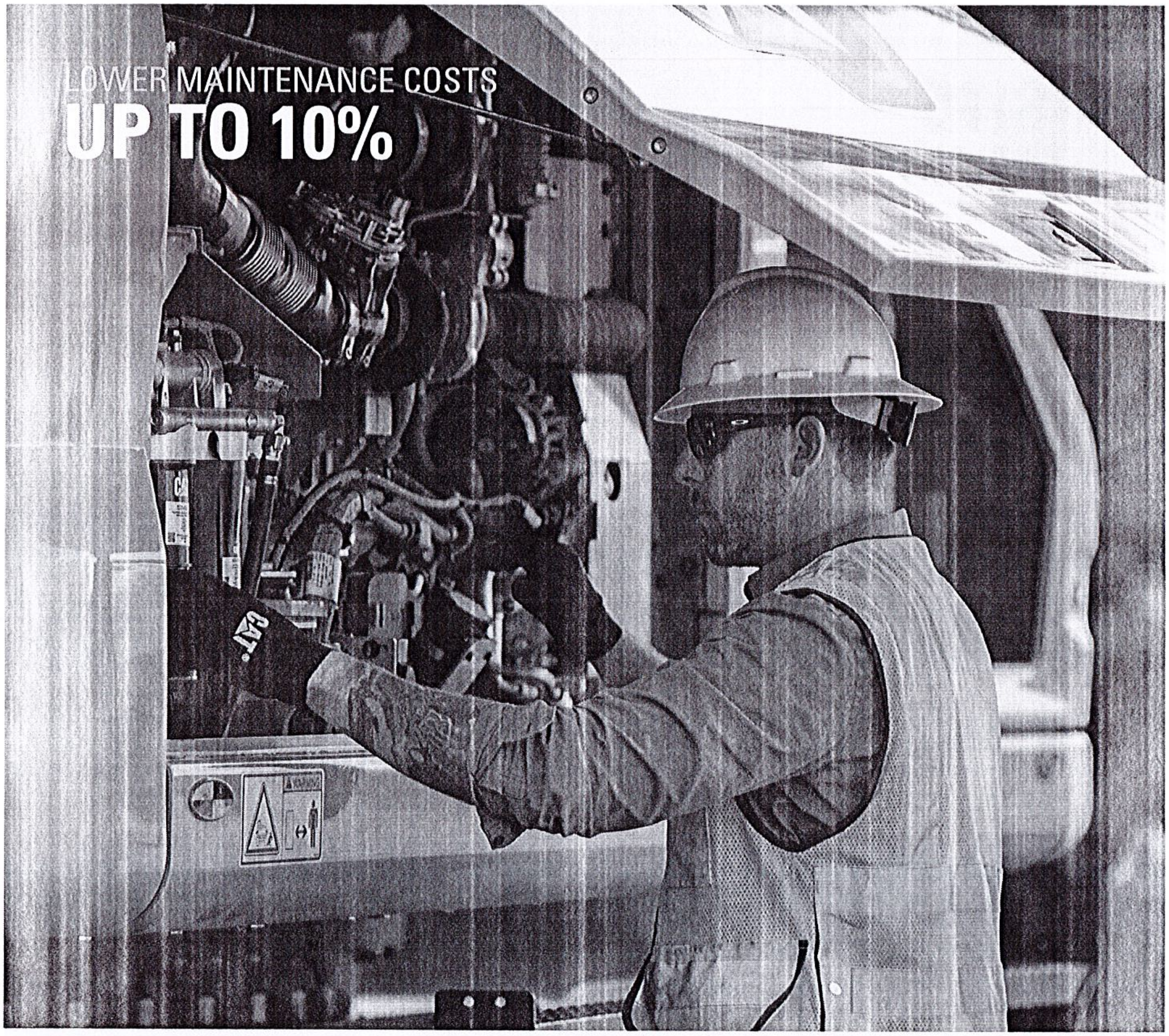
JOYSTICK STEERING

Keep both hands on the joysticks while simultaneously moving the boom and stick and repositioning the machine with the slider switch on the right joystick.

EXPAND YOUR JOBSITE CAPABILITIES

WITH MORE SWING TORQUE AND FUEL EFFICIENCY

An increase in swing torque makes traveling, swinging, and working on slopes easy. Backfill trenches and move around your jobsite faster than before – allowing you to be more productive and finish jobs quickly. An advanced hydraulic system provides the optimum balance of power and efficiency while giving you the control you need for precise digging requirements.



DO MORE. PAY LESS.

With extended and more synchronized maintenance intervals, you get more done at a lower cost. Consolidated filter locations make service faster.

INFORMATION AT YOUR FINGERTIPS

View operating information such as fuel and oil levels as well as critical service alerts on the in-cab touchscreen monitor. Your machine's filter life and maintenance intervals are also trackable on the in-cab monitor

NEW LONGER-LASTING FILTERS

The new hydraulic oil filter provides improved filtration performance, anti-drain valves to keep oil clean when the filter is replaced, and lasts up to 50 percent longer than previous filter designs.

SAFETY FEATURES

LOOK OUT FOR YOUR PEOPLE AND EQUIPMENT

GROUND-LEVEL DAILY MAINTENANCE

All daily maintenance checks can be performed from ground level, making maintenance faster, easier, and safer. Checkpoints include the engine oil dipstick, fuel water separator, fuel tank water and sediment drains, and cooling system coolant level check.

UPPER PLATFORM ACCESS

The service platform design provides easy, safe, and quick access to upper platform. The steps use anti-skid punch plate to prevent slipping.

2D E-FENCE

Optional 2D E-Fence is integrated right out of the factory to prevent the excavator from moving outside operator defined set points.

SECURE START

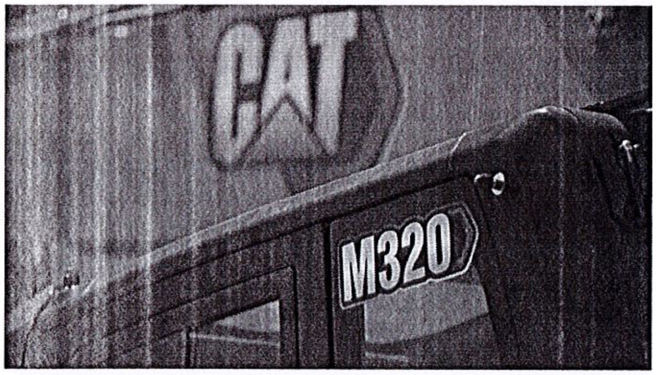
Use your PIN code on the monitor or the optional Bluetooth key fob to enable the push-button start feature.

SEE THE JOBSITE AROUND YOU

Enlarged windows and improved machine layout increase visibility from the seat of the cab. Standard rearview and right-side-view cameras always keep operators aware of their surroundings. An optional 360° visibility feature is also available. Powerful, long-lasting LED lights consume minimal power, keeping you safe while working in the dark.

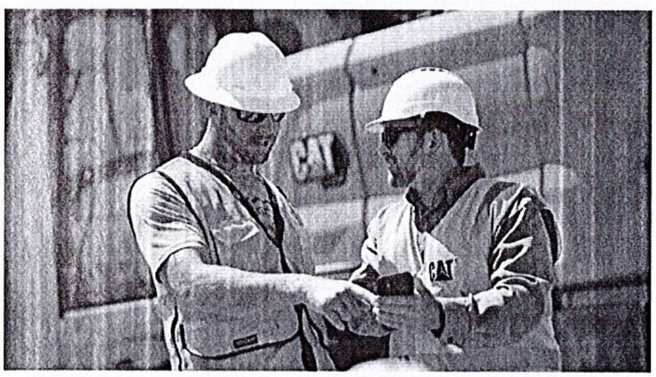
CAT EQUIPMENT MANAGEMENT TECHNOLOGY
TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

Cat Equipment Management telematics technology helps take the complexity out of managing your jobsites by gathering data generated by your equipment, materials, and people and serving it up to you in customizable formats.



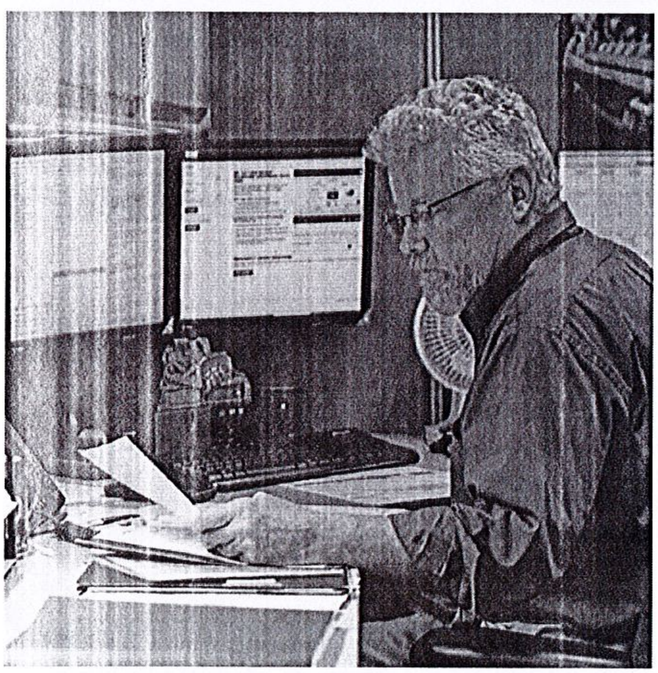
PRODUCT LINK™

Product Link collects data automatically and accurately from your assets – any type and any brand. Information such as location, hours, fuel usage, productivity, idle time, maintenance alerts, diagnostic codes, and machine health can be viewed online through web and mobile applications.



VISIONLINK®

Access information anytime, anywhere with VisionLink. Use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your jobsite. With different subscription level options, your Cat dealer can help you configure exactly what you need to connect your fleet and manage your business without paying for extras you don't want. Subscriptions are available with cellular or satellite reporting (or both).



Remote Services is a suite of technologies that improve your jobsite efficiency.

Remote Troubleshoot allows your Cat dealer to perform diagnostic testing on your connected machine remotely, pinpointing potential issues while the machine is in operation. Remote Troubleshoot helps ensure the technician arrives with the correct parts and tools the first time, eliminating additional trips to save you time and money.

Remote Flash updates onboard software to potentially reduce update time by as much as 50 percent. You can initiate the update when convenient, increasing your overall operating efficiency.

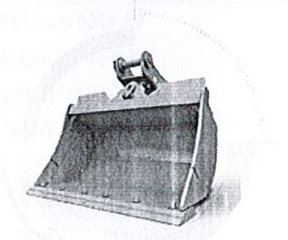
The **Cat App** helps you manage your assets – at any time – right from your smartphone. You can see your fleet location, hours, and other information. You will get critical alerts for required maintenance, and you can even request service from your local Cat dealer.

INCREASE YOUR PRODUCTIVITY AND PROFIT

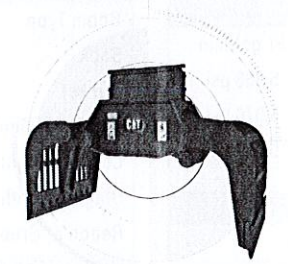
WITH CAT ATTACHMENTS

You can easily expand the performance of your machine by utilizing any of the variety of Cat Attachments. Each Cat Attachment is designed to fit the weight and horsepower of Cat Wheeled Excavators for improved performance, safety, and stability.

BUCKETS



GRAPPLES

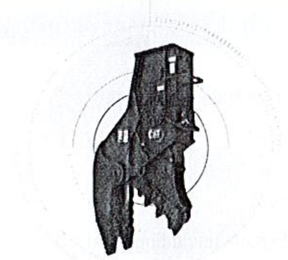


HYDRAULIC HAMMERS

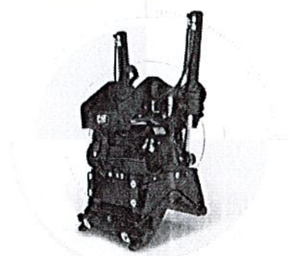
MULTI-PROCESSORS

SHEARS

PULVERIZERS



TILTROTATORS



COMPACTORS

COUPLERS

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

ENGINE		
Engine Model	Cat C4.4	
Engine Power – ISO 14396:2002	129 kW	174 hp
Engine Power – ISO 14396:2002 (DIN)	176 hp(Ps)	
Net Power – ISO 9249:2007	128 kW	171 hp
Net Power – ISO 9249:2007 (DIN)	174 hp(Ps)	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	4.4 L	268.5 in³

- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, CEM exhaust gas aftertreatment, alternator, and cooling fan running at intermediate speed.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Rated speed 2,200 rpm.

HYDRAULIC SYSTEM		
Main System – Maximum Flow	306 L/min	81 gal/min
Maximum Pressure – Equipment	37 000 kPa	5,366 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	39 500 kPa	5,729 psi

SWING MECHANISM		
Swing Speed	9.2 rpm	
Maximum Swing Torque	52.5 kN·m	38,722 lbf-ft

WEIGHTS		
Operating Weight Minimum	18 800 kg	41,450 lb
Operating Weight Maximum	21 200 kg	46,740 lb

SERVICE REFILL CAPACITIES		
Fuel Tank	470 L	124.2 gal
Diesel Exhaust Fluid (DEF) Tank	30 L	7.9 gal
Cooling System	31.7 L	8.4 gal
Engine Oil	13 L	3.4 gal
Hydraulic Tank	155 L	40.9 gal
Hydraulic System (including tank)	270 L	71.3 gal
Final Drive	2.5 L	0.7 gal

DIMENSIONS		
Boom	VA 5260 mm (17'3")	
Stick	Reach 2.5 m (8'2")	
Bucket	GD 0.98 m³ (1.28 yd³)	
Shipping Height (top of cab)	3370 mm	11'1"
Support Point	3850 mm	11'9"
Shipping Length	8925 mm	29'3"
Tail Swing Radius	2600 mm	8'6"
Counterweight Clearance	1306 mm	4'3"
Ground Clearance	420 mm	1'5"
Undercarriage Length (with blade and outrigger)	5050 mm	16'7"
Wheel Base	2700 mm	8'10"

WORKING RANGES AND FORCES		
Boom Type	VA 5260 mm (17'3")	
Stick	Reach 2.5 m (8'2")	
Bucket	GD 0.98 m³ (1.28 yd³)	
Loading Height	6960 mm	22'10"
Cutting Height	9950 mm	32'8"
Digging Depth	6030 mm	19'9"
Reach at Ground Level	9290 mm	30'6"
Vertical Wall Digging Depth	4230 mm	13'11"
Bucket Forces (ISO)	137 kN	30,799 lbf
Stick Forces (ISO)	92 kN	20,682 lbf

- Range values are with dual pneumatic tires (10.00-20).
- Range values are calculated with a GD bucket (CW) and CW-30 quick coupler with a tip radius of 1535 mm (5'0").

AIR CONDITIONING SYSTEM

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg of refrigerant which has a CO_2 equivalent of 1.216 metric tonnes.

STANDARD & OPTIONAL EQUIPMENT

Standard and optional equipment may vary. Consult your Cat dealer for details.

CAB	STANDARD	OPTIONAL
ROPS, sound suppression	•	
Deluxe Cab		•
Premium Cab		•
High-resolution 254 mm (10 in) LCD touchscreen monitor	•	
CAT TECHNOLOGY	**STANDARD**	**OPTIONAL**
Product Link	•	
Remote Flash/Troubleshoot capability	•	
Cat Grade with 2D		•
Cat Grade with Advanced 2D		•
Cat Grade with 3D		•
Cat Payload		•
2D E-Fence		•
Laser Catcher		•
ENGINE	**STANDARD**	**OPTIONAL**
Power mode selector	•	
One-touch low idle with auto engine speed control	•	
Auto engine idle shutdown	•	
52°C (125°F) high-ambient cooling capacity	•	
-18°C (0°F) cold start capability	•	
Double element air filter with integrated precleaner	•	
On-demand electric cooling fans with auto-reverse function	•	
Electric fuel priming pump	•	
HYDRAULIC SYSTEM	**STANDARD**	**OPTIONAL**
Automatic swing brake	•	
Auto hydraulic oil warm up	•	
Electronic main control valve	•	
Boom and stick drift reduction valves	•	
Boom/stick lowering check valves		•
One-slider joysticks	•	
Two-slider joysticks		•
Combined flow/high-pressure auxiliary circuit		•
Heavy lift mode	•	
Quick coupler circuit	•	
SmartBoom™		•
Ride control		•
Cat TRS support		•
Joystick steering		•
Separate dedicated swing pump	•	
BOOM AND STICKS	**STANDARD**	**OPTIONAL**
5650 mm (18'6") one-piece boom		•
5260 mm (17'3") variable adjustable boom		•
2500 mm (8'2") stick		•
2900 mm (9'6") stick		•
UNDERCARRIAGE AND STRUCTURES	**STANDARD**	**OPTIONAL**
10.00-20 16 PR, dual tires		•
11.00-20- 16 PR, dual tires		•
315/70R 22.5, no gap dual tires		•[1]
445/70R 19.5, single tires		•
All wheel drive	•	
Automatic brake/axle lock	•	
3600 kg (7,937 kg) counterweight		•[1]
4200 kg (9,259 lb) counterweight		•
Fenders, front and rear, synthetic	•	
ELECTRICAL SYSTEM	**STANDARD**	**OPTIONAL**
LED lights on boom and cab	•	
LED lights on chassis (left-hand, right-hand) and counterweight	•	
Roading and indicator lights, front and rear	•	
Maintenance-free batteries	•	
Centralized electrical disconnect switch	•	
Electrical refueling pump		•
SERVICE AND MAINTENANCE	**STANDARD**	**OPTIONAL**
Sampling ports for Scheduled Oil Sampling (S•O•S℠)	•	
Automatic lubrication system for implement and swing system		•
SAFETY AND SECURITY	**STANDARD**	**OPTIONAL**
Rear- and right-side-view cameras	•	
360° visibility		•
Wide angle mirrors	•	
Ground-level engine shutoff switch	•	
Anti-skid plate and countersunk bolts on service platform	•	
Signaling/warning horn	•	

[1]Europe only.

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.
For additional information, refer to the Technical Specifications brochures for the M320 available at www.cat.com or your Cat dealer.

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at www.cat.com.

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

www.cat.com www.caterpillar.com

AEXQ3157-01
Replaces: AEXQ3157-00
Build Number: 07B
(Aus-NZ, Eur, Korea, N Am)

M320

Wheeled Excavator

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

Table of Contents

M320 Wheeled Excavator Specifications

Engine

Engine Model	Cat® C4.4	
Maximum Gross Power		
ISO 14396	129.4 kW	174 hp
ISO 14396 (metric)	176 hp (PS)	
Maximum Net Power		
ISO 9249	127.8 kW	171 hp
ISO 9249 (metric)	174 hp (PS)	
Bore	105 mm	4.1 in
Stroke	135 mm	5.3 in
Displacement	4.4 L	268.5 in³
Biodiesel Capability	Up to B20(1)	
Number of Cylinders	4	

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Korea Tier 4 Final emission standards.
- Net power advertised is the power available at the flywheel when engine is equipped with fan, air cleaner, CEM exhaust gas aftertreatment, alternator, and cooling fan running at intermediate speed.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Rated speed 2,200 rpm.

(1)Cat engines are compatible with the following renewable, alternative, and bio-fuels* with lower greenhouse gas emission impact:
  ✓ Up to B20 biodiesel (FAME)**
  ✓ Up to 100% HVO and GTL renewable fuels

**Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.*

***For use of higher blends, consult your Cat dealer.*

Transmission

Forward/Reverse		
1st Gear	10 km/h	6.2 mph
2nd Gear	35 km/h	21.7 mph
Creeper Speed		
1st Gear	5.5 km/h	3.4 mph
2nd Gear	15 km/h	9.3 mph
Drawbar Pull	104 kN	23,380 lbf
Maximum Gradeability at (19 500 kg/42,990 lb)	61.0%	

Service Refill Capacities

Fuel Tank (total capacity)	470 L	124.2 gal
Diesel Exhaust Fluid Tank	30 L	7.9 gal
Cooling System	31.7 L	8.4 gal
Engine Oil	13 L	3.4 gal
Hydraulic Tank	155 L	40.9 gal
Hydraulic System (including tank)	270 L	71.3 gal
Rear Axle Housing (differential)	14 L	3.7 gal
Front Steering Axle (differential)	10.5 L	2.8 gal
Final Drive (each)	2.5 L	0.7 gal
Powershift Transmission	2.5 L	0.7 gal

Swing Mechanism

Maximum Swing Speed	9.2 rpm	
Maximum Swing Torque	52.5 kN·m	38,722 lbf-ft

Undercarriage

Ground Clearance	360 mm	14.2 in
Maximum Steering Angle	35°	
Oscillation Axle Angle	± 8.5°	
Minimum Turning Radius		
Outside of Tire	6600 mm	21.6 ft
Outside of Tire (Plastic Fender)	7900 mm	25.9 ft
End of One-Piece Boom	9200 mm	30.2 ft
End of Variable Adjustable Boom	7500 mm	24.6 ft

Operating Weights*

Minimum	18 800 kg	41,450 lb
Maximum	21 200 kg	46,740 lb
Typical configurations:		
Variable Adjustable Boom**		
Rear Blade Only	19 500 kg	42,990 lb
Blade and Outriggers	20 500 kg	45,190 lb
Front and Rear Outriggers	20 600 kg	45,410 lb
One-Piece Boom **		
Rear Blade Only	19 050 kg	42,000 lb
Blade and Outriggers	20 050 kg	44,200 lb
Front and Rear Outriggers	20 150 kg	44,420 lb

*Operating weight includes full fuel tank, operator, bucket 700 kg (1,543 lb) and dual pneumatic tires. Weight varies depending on configuration.

**Typical configurations include 2500 mm (8'2") stick, 3600 kg (7,937 lb) counterweight, bucket and 220 kg (485 lb) quick coupler.

M320 Wheeled Excavator Specifications

Major Component Weights

Boom (including VA and stick cylinder, pins and standard hydraulic lines):		
One-Piece Boom 5650 mm (18'6")	2280 kg	5,030 lb
Variable Adjustable Boom 5260 mm (17'3")	2720 kg	6,000 lb
Sticks (including cylinder, bucket linkage, pins and standard hydraulic lines):		
Stick 2500 mm (8'2")	990 kg	2,180 lb
Stick 2900 mm (9'6")	1040 kg	2,290 lb
Counterweights:		
3600 kg (7,937 kg) Counterweight	3600 kg	7,940 lb
4200 kg (9,259 kg) Counterweight	4200 kg	9,260 lb
Undercarriage (including axles, standard tires and steps):		
Rear Blade	4960 kg	10,930 lb
Rear Blade/Front Outrigger	5970 kg	13,160 lb
Rear Outrigger/Front Blade	5970 kg	13,160 lb
Rear Outrigger/Front Outrigger	6150 kg	13,560 lb
Buckets:		
Pin-On Bucket GD 1.0 m³ (1.31 yd³)	700 kg	1,540 lb
CW Bucket GD 1.0 m³ (1.31 yd³)	700 kg	1,540 lb
Quick Couplers:		
CW30 Dedicated Quick Coupler	220 kg	490 lb
Pin Grabber Quick Coupler	380 kg	840 lb

Hydraulic System

Maximum Pressure – Implement Circuit		
Normal	35 000 kPa	5,076 psi
Heavy Lift	37 000 kPa	5,366 psi
Travel Circuit	35 000 kPa	5,076 psi
Maximum Pressure – Auxiliary Circuit		
High Pressure	35 000 kPa	5,076 psi
Medium Pressure	17 000 kPa	2,466 psi
Swing Mechanism	39 500 kPa	5,729 psi
Maximum Flow		
Implements	306 L/min	81 gal/min
Travel Circuit	235 L/min	62 gal/min
Auxiliary Circuit		
High Pressure	250 L/min	66.0 gal/min
Medium Pressure	55 L/min	14.5 gal/min
Swing Mechanism	90 L/min	23.8 gal/min
Cylinders		
Boom Cylinder (VA) – Bore	130 mm	0'5"
Boom Cylinder (VA) – Stroke	906 mm	2'12"
VAB cylinder – Bore	160 mm	0'6"
VAB cylinder – Stroke	731 mm	2'5"
Boom Cylinder (1 PC) – Bore	130 mm	0'5"
Boom Cylinder (1 PC) – Stroke	906 mm	2'12"
Stick Cylinder (VA) – Bore	130 mm	0'5"
Stick Cylinder (VA) – Stroke	1205 mm	3'11"
Stick Cylinder (1 PC) – Bore	140 mm	0'6"
Stick Cylinder (1 PC) – Stroke	1205 mm	3'11"
Bucket Cylinder – Bore	110 mm	0'4"
Bucket Cylinder – Stroke	1077 mm	3'6"

Tires

Standard	10.00 – 20 (dual pneumatic)
Optional	11.00 – 20 (dual pneumatic) 315/70R22.5 (dual pneumatic without spacer) 445/70/R19.5 TL XF (single pneumatic)

M320 Wheeled Excavator Specifications

Dozer Blade

Blade Type	Parallel	
Width	2540 mm	8'4"
Blade Roll-Over Height	570 mm	1'10"
Blade Total Height	610 mm	2'0"
Maximum Lowering Depth From Ground	130 mm	0'5"
Maximum Raising Height Above Ground	495 mm	1'7"

Emissions and Safety

Engine Emissions	Tier 4 Final and Stage V	
Vibration Levels		
Maximum Hand/Arm (ISO 5349-2001)	<2.5 m/s²	<8.2
Maximum Whole Body (ISO/TR 25398:2006)	<0.5 m/s²	<1.6
Seat Transmissibility Factor (ISO 7096:2000-spectral class EM5)	<0.7	

Standards

Brakes	ISO 3450:2011
Cab (ROPS)	ISO 12117-2:2008
FOPS (Falling Object Protective Structure)	ISO 10262:1998
Cab/Sound Levels	Meets appropriate standards as listed below

Sound Performance

Operator Sound	
2000/14/EC	70 dB(A)
Spectator Sound	
2000/14/EC	99 dB(A)

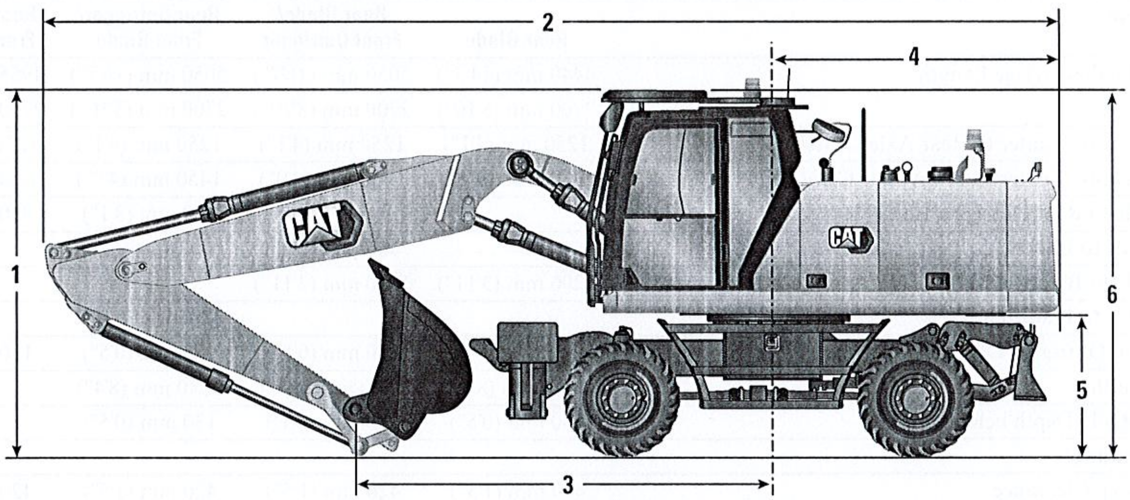
- Operator Sound – The operator sound level is measured according to the procedures specified in 2000/14/EC, for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed.
- Exterior Sound – The labeled spectator sound power level is measured according to the test procedures and conditions specified in 2000/14/EC.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in noisy environment(s).

Air Conditioning System

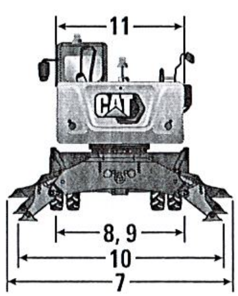
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.85 kg of refrigerant which has a CO_2 equivalent of 1.216 metric tonnes.

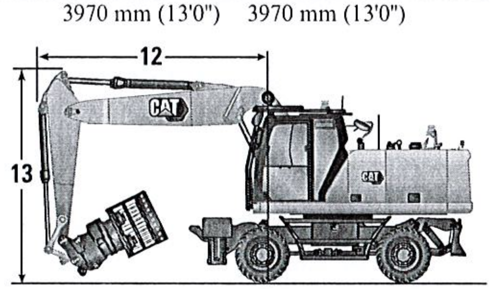
Dimensions

All Dimensions are approximate. Values are with 10.00-20 Dual Pneumatic Tires.



Boom Options	Variable Adjustable Boom 5260 mm (17'3")		One-Piece Boom 5650 mm (18'6")	
Stick Options	**Bucket Linkage 2500 mm (8'2")**	**Bucket Linkage 2900 mm (9'6")**	**Bucket Linkage 2500 mm (8'2")**	**Bucket Linkage 2900 mm (9'6")**
1 Shipping Height with Falling Object Guard (highest point between boom and cab)	3370 mm (11'1")	3370 mm (11'1")	3370 mm (11'1")	3370 mm (11'1")
Shipping Height without FOGS	3360 mm (11'0")	3490 mm (11'5")	3230 mm (10'7")	3340 mm (10'11")
2 Shipping Length	8925 mm (29'3")	8875 mm (29'1")	9325 mm (30'7")	9300 mm (30'6")
3 Support Point	3580 mm (11'9")	3420 mm (11'3")	3820 mm (12'6")	3610 mm (11'10")
4 Tail Swing Radius	2600 mm (8'6")	2600 mm (8'6")	2600 mm (8'6")	2600 mm (8'6")
5 Counterweight Clearance	1306 mm (4'3")	1306 mm (4'3")	1306 mm (4'3")	1306 mm (4'3")
6 Cab Height				
No Falling Object Guard	3199 mm (10'6")	3199 mm (10'6")	3199 mm (10'6")	3199 mm (10'6")
With Falling Object Guard	3361 mm (11'0")	3361 mm (11'0")	3361 mm (11'0")	3361 mm (11'0")
Overall Machine Width				
7 Width with outriggers on ground	3820 mm (12'6")	3820 mm (12'6")	3820 mm (12'6")	3820 mm (12'6")
8 Width with outriggers up	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
9 Width with blade	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
10 Width with Outriggers Fully Down	3650 mm (12'0")	3650 mm (12'0")	3650 mm (12'0")	3650 mm (12'0")
Enclosure Height (Doors)	2506 mm (8'3")	2506 mm (8'3")	2506 mm (8'3")	2506 mm (8'3")
11 Upperframe Width	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")
Roading Position				
12 Steering Wheel to Linkage in Roading Position	3040 mm (10'0")	3040 mm (10'0")	—	—
13 Height in Roading Position	3970 mm (13'0")	3970 mm (13'0")	—	—





M320 Wheeled Excavator Specifications

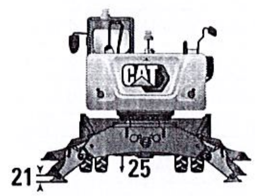
Undercarriage Dimensions

All Dimensions are approximate. Values are with 10.00-20 Dual Pneumatic Tires.

Undercarriage	Rear Blade	Rear Blade/ Front Outrigger	Rear Outrigger/ Front Blade	Rear Outrigger/ Front Outrigger
14 Overall Undercarriage Length	4440 mm (14'7")	5050 mm (16'7")	5050 mm (16'7")	4955 mm (16'3")
15 Wheel Base	2700 mm (8'10")	2700 mm (8'10")	2700 mm (8'10")	2700 mm (8'10")
16 Swing Bearing Center to Rear Axle Center	1250 mm (4'1")	1250 mm (4'1")	1250 mm (4'1")	1250 mm (4'1")
17 Swing Bearing Center to Front Axle Center	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")	1450 mm (4'9")
18 Rear Axle to Rear Outrigger (mid)	—	—	950 mm (3'1")	950 mm (3'1")
19 Front Axle to Front Outrigger (mid)	—	750 mm (2'6")	—	—
20 Rear Axle to Blade (end)	1200 mm (3'11")	1200 mm (3'11")	—	—
Front Axle to Blade (end)	—	—	1245 mm (4'1")	—
21 Maximum Outrigger Depth below Ground	—	120 mm (0'5")	120 mm (0'5")	120 mm (0'5")
22 Blade Width	2540 mm (8'4")	2540 mm (8'4")	2540 mm (8'4")	—
Maximum Blade Depth below Ground	130 mm (0'5")	130 mm (0'5")	130 mm (0'5")	—
Ground Clearance				
Lowest Step Clearance	420 mm (1'5")	420 mm (1'5")	420 mm (1'5")	420 mm (1'5")
23 Outrigger Clearance	325 mm (1'1")	325 mm (1'1")	325 mm (1'1")	325 mm (1'1")
24 Blade Clearance (parallel)	495 mm (1'7")	495 mm (1'7")	495 mm (1'7")	495 mm (1'7")
25 Axle Clearance	360 mm (1'2")	360 mm (1'2")	360 mm (1'2")	360 mm (1'2")

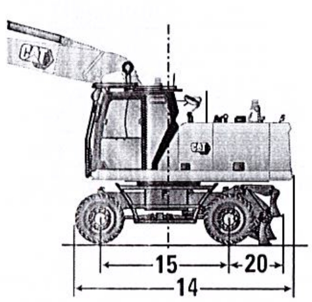
*Maximum tire clearance
with outrigger fully down

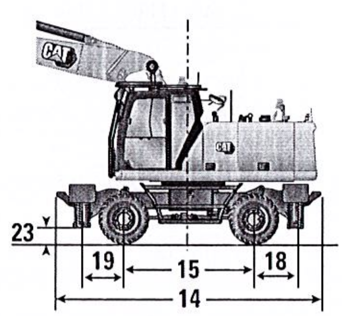
Undercarriage with dozer only

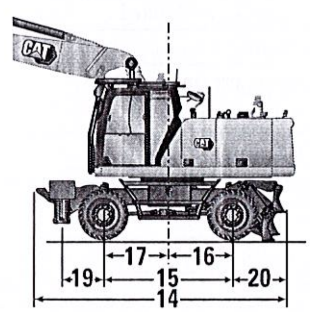


Undercarriage with 2 sets of outriggers

Undercarriage with 1 set of outriggers and dozer

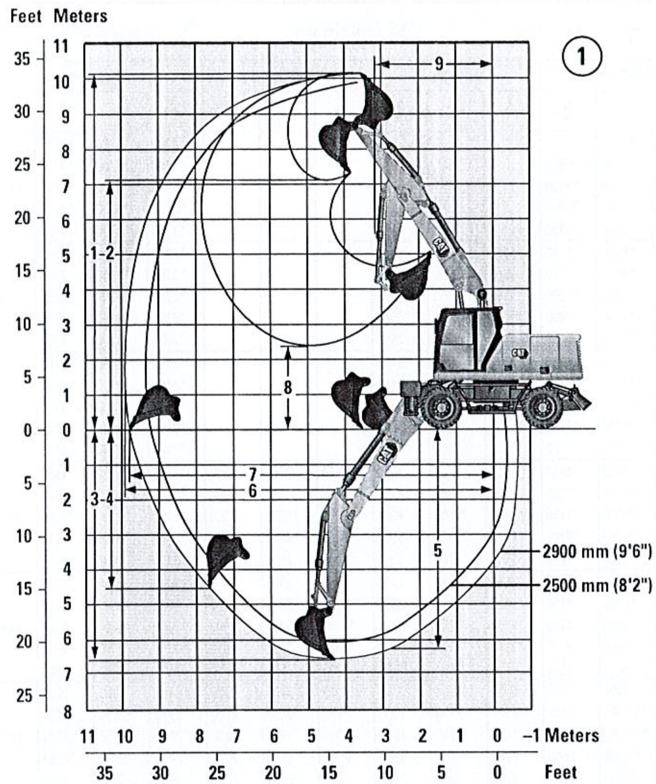


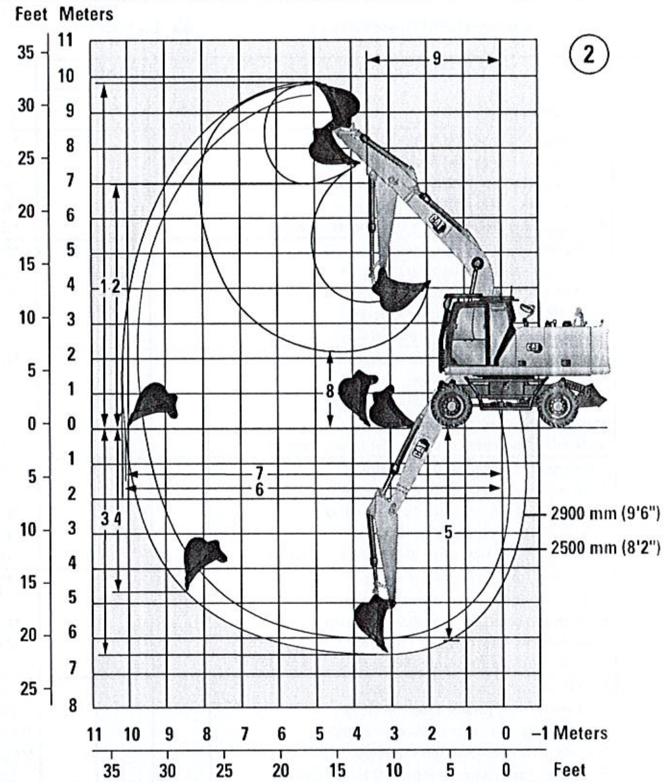




Working Ranges

All Dimensions are approximate. Values are with 10.00-20 Dual Pneumatic Tires.





Boom Options	Variable Adjustable Boom 5260 mm (17'3")		One-Piece Boom 5650 mm (18'6")	
	1		2	
Stick Options	**Bucket Linkage 2500 mm (8'2")**	**Bucket Linkage 2900 mm (9'6")**	**Bucket Linkage 2500 mm (8'2")**	**Bucket Linkage 2900 mm (9'6")**
1 Maximum Cutting Height	9950 mm (32'8")	10 240 mm (33'7")	9550 mm (31'4")	9790 mm (32'1")
2 Maximum Loading Height	6960 mm (22'10")	7250 mm (23'9")	6680 mm (21'11")	6910 mm (22'8")
3 Maximum Digging Depth	6030 mm (19'9")	6430 mm (21'1")	6000 mm (19'8")	6400 mm (21'0")
4 Maximum Vertical Wall Digging Depth	4230 mm (13'11")	4670 mm (15'4")	4250 mm (13'11")	4740 mm (15'7")
5 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	5930 mm (19'5")	6330 mm (20'9")	5800 mm (19'0")	6220 mm (20'5")
6 Maximum Reach	9470 mm (31'1")	9850 mm (32'4")	9820 mm (32'3")	10 190 mm (33'5")
7 Maximum Reach at Ground Line	9290 mm (30'6")	9680 mm (31'9")	9640 mm (31'8")	10 030 mm (32'11")
8 Minimum Loading Height	2810 mm (9'3")	2420 mm (7'11")	2790 mm (9'2")	2390 mm (7'10")
9 Minimum Front Swing Radius	3180 mm (10'5")	3300 mm (10'10")	3620 mm (11'11")	3610 mm (11'10")
Bucket Forces (ISO)	137 kN 30,799 (lbf)	137 kN 30,799 (lbf)	137 kN 30,799 (lbf)	137 kN 30,799 (lbf)
Stick Forces (ISO)	92 kN 20,682 (lbf)	83 kN 18,659 (lbf)	106 kN 23,830 (lbf)	96 kN 21,582 (lbf)
Bucket Type	GD	GD	GD	GD
Bucket Capacity	0.98 m^3 (1.28 yd^3)	0.98 m^3 (1.28 yd^3)	0.98 m^3 (1.28 yd^3)	0.98 m^3 (1.28 yd^3)
Bucket Tip Radius (Pin-On)	1462 mm (4'10")	1462 mm (4'10")	1462 mm (4'10")	1462 mm (4'10")
Bucket Tip Radius (QC)	1535 mm (5'0")	1535 mm (5'0")	1535 mm (5'0")	1535 mm (5'0")

Range values are with dual pneumatic tires (10.00-20).

Range values are calculated with a GD bucket (CW) and CW-30 quick coupler with a tip radius of 1535 mm (5'0").

Force values are calculated with heavy lift on, a GD bucket (pin-on) and a tip radius of 1462 mm (4'10").

M320 Wheeled Excavator Specifications

Lift Capacities – Variable Adjustable Boom 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3600 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) — Load over front — Load over rear — Load over side — Load point height

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach			
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	mm
	Front empty – rear parallel dozer – raised				*5800	*5800	5250							*3700	*3700	*3700	
	Front empty – rear parallel dozer – lowered				*5800	*5800	*5800							*3700	*3700	*3700	
7500 mm	Front parallel dozer – rear stabilizer – lowered				*5800	*5800	*5800							*3700	*3700	*3700	5430
	Front stabilizer – rear stabilizer – lowered				*5800	*5800	*5800							*3700	*3700	*3700	
	Wide axle – front empty – rear parallel dozer – lowered				*5800	*5800	5750							*3700	*3700	*3700	
	Front empty – rear parallel dozer – raised				*6200	*6200	5250	5250	4000	3200				*3250	*3250	2650	
	Front empty – rear parallel dozer – lowered				*6200	*6200	5800	5200	*5500	3550				*3250	*3250	2900	
6000 mm	Front parallel dozer – rear stabilizer – lowered				*6200	*6200	*6200	*5500	*5500	5300				*3250	*3250	*3250	6660
	Front stabilizer – rear stabilizer – lowered				*6200	*6200	*6200	*5500	*5500	*5500				*3250	*3250	*3250	
	Wide axle – front empty – rear parallel dozer – lowered				*6200	*6200	5750	5250	4050	3550				*3250	*3250	2900	
	Front empty – rear parallel dozer – raised				*7150	6250	4950	5150	3900	3100				*3100	2650	2100	
	Front empty – rear parallel dozer – lowered				*7150	*7150	5500	5100	*6000	3450				*3100	*3100	2350	
4500 mm	Front parallel dozer – rear stabilizer – lowered				*7150	*7150	*7150	*6000	*6000	5200				*3100	*3100	*3100	7440
	Front stabilizer – rear stabilizer – lowered				*7150	*7150	*7150	*6000	*6000	*6000				*3100	*3100	*3100	
	Wide axle – front empty – rear parallel dozer – lowered				*7150	6250	5450	5150	3900	3400				*3100	2700	2350	
	Front empty – rear parallel dozer – raised				7650	5750	4450	4900	3700	2900	3450	2550	2000	*3100	2350	1850	
	Front empty – rear parallel dozer – lowered				7650	*8600	5000	4900	*6550	3250	3450	*5350	2250	*3100	*3100	2100	
3000 mm	Front parallel dozer – rear stabilizer – lowered				*8600	*8600	7750	*6550	*6550	4950	*5350	*5350	3500	*3100	*3100	*3100	7840
	Front stabilizer – rear stabilizer – lowered				*8600	*8600	*8600	*6550	*6550	5950	*5350	*5350	4150	*3100	*3100	*3100	
	Wide axle – front empty – rear parallel dozer – lowered				7700	5750	4950	4950	3700	3200	3450	2600	2250	*3100	2400	2050	
	Front empty – rear parallel dozer – raised				7150	5250	4000	4650	3450	2700	3350	2500	1950	3050	2250	1750	
	Front empty – rear parallel dozer – lowered				7100	*9800	4550	4650	*7100	3050	3350	5400	2200	3050	*3300	2000	
1500 mm	Front parallel dozer – rear stabilizer – lowered				*9800	*9800	7250	*7100	*7100	4700	*5650	5450	3400	*3300	*3300	3100	7930
	Front stabilizer – rear stabilizer – lowered				*9800	*9800	8850	*7100	*7100	5700	*5650	5600	4050	*3300	*3300	*3300	
	Wide axle – front empty – rear parallel dozer – lowered				7200	5250	4450	4700	3500	3000	3350	2500	2150	3100	2250	1950	
	Front empty – rear parallel dozer – raised				6850	5000	3750	4500	3300	2550	3300	2400	1850	3150	2300	1800	
	Front empty – rear parallel dozer – lowered				6850	*10 000	4300	4500	*7250	2900	3250	5350	2100	3150	*3650	2000	
0 mm	Front parallel dozer – rear stabilizer – lowered				*10 000	*10 000	6950	*7250	*7250	4550	*5500	5400	3300	*3650	*3650	3200	7720
	Front stabilizer – rear stabilizer – lowered				*10 000	*10 000	8600	*7250	*7250	5500	*5500	5500	4000	*3650	*3650	*3650	
	Wide axle – front empty – rear parallel dozer – lowered				6900	5000	4200	4550	3300	2850	3300	2400	2100	3150	2300	2000	
	Front empty – rear parallel dozer – raised	*9300	*9300	6850	6800	4900	3700	4450	3250	2500				3500	2550	2000	
	Front empty – rear parallel dozer – lowered	*9300	*9300	7950	6800	*9250	4250	4450	*6800	2850				3450	*4350	2250	
-1500 mm	Front parallel dozer – rear stabilizer – lowered	*9300	*9300	*9300	*9250	*9250	6900	*6800	*6800	4500				*4350	*4350	3500	7190
	Front stabilizer – rear stabilizer – lowered	*9300	*9300	*9300	*9250	*9250	8500	*6800	*6800	5450				*4350	*4350	4250	
	Wide axle – front empty – rear parallel dozer – lowered	*9300	*9300	7800	6850	4950	4150	4500	3250	2800				3500	2550	2200	
	Front empty – rear parallel dozer – raised				6900	5000	3800	4550	3350	2600				4300	3200	2450	
	Front empty – rear parallel dozer – lowered				6900	*7450	4300	4500	*5150	2900				4300	*4650	2800	
-3000 mm	Front parallel dozer – rear stabilizer – lowered				*7450	*7450	7000	*5150	*5150	4600				*4650	*4650	4350	6240
	Front stabilizer – rear stabilizer – lowered				*7450	*7450	*7450	*5150	*5150	*5150				*4650	*4650	*4650	
	Wide axle – front empty – rear parallel dozer – lowered				6950	5050	4250	4550	3350	2900				4350	3200	2750	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – Variable Adjustable Boom 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,940 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft			Load at maximum reach			
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	ft
	Front empty – rear parallel dozer – raised				*12,300	*12,300	11,300							*8,300	*8,300	*8,300	
	Front empty – rear parallel dozer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	
25 ft	Front parallel dozer – rear stabilizer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	17.06
	Front stabilizer – rear stabilizer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	
	Wide axle – front empty – rear parallel dozer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	
	Front empty – rear parallel dozer – raised				*13,500	*13,500	11,300	11,200	8,600	6,900				*7,200	*7,200	5,900	
	Front empty – rear parallel dozer – lowered				*13,500	*13,500	12,500	11,200	*11,500	7,600				*7,200	*7,200	6,600	
20 ft	Front parallel dozer – rear stabilizer – lowered				*13,500	*13,500	*13,500	*11,500	*11,500	11,400				*7,200	*7,200	*7,200	21.65
	Front stabilizer – rear stabilizer – lowered				*13,500	*13,500	*13,500	*11,500	*11,500	*11,500				*7,200	*7,200	*7,200	
	Wide axle – front empty – rear parallel dozer – lowered				*13,500	*13,500	12,300	11,300	8,600	7,600				*7,200	*7,200	6,500	
	Front empty – rear parallel dozer – raised				*15,400	13,500	10,700	11,000	8,400	6,700				*6,800	5,900	4,700	
	Front empty – rear parallel dozer – lowered				*15,400	*15,400	11,900	11,000	*13,000	7,500				*6,800	*6,800	5,200	
15 ft	Front parallel dozer – rear stabilizer – lowered				*15,400	*15,400	*15,400	*13,000	*13,000	11,100				*6,800	*6,800	*6,800	24.31
	Front stabilizer – rear stabilizer – lowered				*15,400	*15,400	*15,400	*13,000	*13,000	*13,000				*6,800	*6,800	*6,800	
	Wide axle – front empty – rear parallel dozer – lowered				*15,400	13,500	11,700	11,100	8,400	7,400				*6800	6,000	5,200	
	Front empty – rear parallel dozer – raised				16,500	12,400	9,600	10,600	8,000	6,300	7,400	5,500	4,300	*6,900	5,200	4,100	
	Front empty – rear parallel dozer – lowered				16,500	*18,600	10,800	10,500	*14,300	7,000	7,400	*10,300	4,900	*6,900	*6,900	4,600	
10 ft	Front parallel dozer – rear stabilizer – lowered				*18,600	*18,600	16,700	*14,300	*14,300	10,700	*10,300	*10,300	7,500	*6,900	*6,900	*6,900	25.69
	Front stabilizer – rear stabilizer – lowered				*18,600	*18,600	*18,600	*14,300	*14,300	12,800	*10,300	*10,300	8,900	*6,900	*6,900	*6,900	
	Wide axle – front empty – rear parallel dozer – lowered				16,600	12,400	10,700	10,600	8,000	6,900	7,500	5,500	4,800	*6,900	5,300	4,600	
	Front empty – rear parallel dozer – raised				15,400	11,300	8,700	10,100	7,500	5,800	7,200	5,300	4,100	6,800	5,000	3,900	
	Front empty – rear parallel dozer – lowered				15,300	*21,200	9,800	10,000	*15,400	6,600	7,200	11,600	4,700	6,700	*7,200	4,400	
5 ft	Front parallel dozer – rear stabilizer – lowered				*21,200	*21,200	15,600	*15,400	*15,400	10,200	*12,300	11,800	7,300	*7,200	*7,200	6,800	26.02
	Front stabilizer – rear stabilizer – lowered				*21,200	*21,200	19,100	*15,400	*15,400	12,200	*12,300	12,000	8,700	*7,200	*7,200	*7,200	
	Wide axle – front empty – rear parallel dozer – lowered				15,500	11,300	9,600	10,100	7,500	6,500	7,300	5,300	4,600	6,800	5,000	4,300	
	Front empty – rear parallel dozer – raised				14,800	10,700	8,100	9,700	7,100	5,500	7,100	5,200	4,000	6,900	5,100	3,900	
	Front empty – rear parallel dozer – lowered				14,700	*21,700	9,200	9,700	*15,700	6,200	7,000	*10,700	4,500	6,900	*8,000	4,500	
0 ft	Front parallel dozer – rear stabilizer – lowered				*21,700	*21,700	15,000	*15,700	*15,700	9,800	*10,700	*10,700	7,100	*8,000	*8,000	7,000	25.33
	Front stabilizer – rear stabilizer – lowered				*21,700	*21,700	18,400	*15,700	*15,700	11,900	*10,700	*10,700	8,600	*8,000	*8,000	*8,000	
	Wide axle – front empty – rear parallel dozer – lowered				14,900	10,800	9,100	9,800	7,200	6,100	7,100	5,200	4,500	7,000	5,100	4,400	
	Front empty – rear parallel dozer – raised	*21,200	20,500	14,700	14,700	10,600	8,000	9,600	7,000	5,400				7,700	5,700	4,400	
	Front empty – rear parallel dozer – lowered	*21,200	*21,200	17,000	14,600	*20,000	9,100	9,500	*14,600	6,100				7,600	*9,600	4,900	
–5 ft	Front parallel dozer – rear stabilizer – lowered	*21,200	*21,200	*21,200	*20,000	*20,000	14,800	*14,600	*14,600	9,700				*9,600	*9,600	7,800	23.56
	Front stabilizer – rear stabilizer – lowered	*21,200	*21,200	*21,200	*20,000	*20,000	18,300	*14,600	*14,600	11,700				*9,600	*9,600	9,300	
	Wide axle – front empty – rear parallel dozer – lowered	*21,200	20,600	16,700	14,700	10,600	9,000	9,700	7,000	6,000				7,700	5,700	4,900	
	Front empty – rear parallel dozer – raised				14,900	10,800	8,200	9,800	7,200	5,600				9,600	7,100	5,500	
	Front empty – rear parallel dozer – lowered				14,800	*16,000	9,300	9,800	*10,700	6,300				9,600	*10,200	6,200	
–10 ft	Front parallel dozer – rear stabilizer – lowered				*16,000	*16,000	15,100	*10,700	*10,700	9,900				*10,200	*10,200	9,700	20.34
	Front stabilizer – rear stabilizer – lowered				*16,000	*16,000	*16,000	*10,700	*10,700	*10,700				*10,200	*10,200	*10,200	
	Wide axle – front empty – rear parallel dozer – lowered				15,000	10,800	9,200	9,900	7,300	6,200				9,700	7,100	6,100	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M320 Wheeled Excavator Specifications

Lift Capacities – Variable Adjustable Boom 2900 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3600 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) — Load over front — Load over rear — Load over side — Load point height

Load point height	Undercarriage configuration	3000 mm Front	3000 mm Rear	3000 mm Side	4500 mm Front	4500 mm Rear	4500 mm Side	6000 mm Front	6000 mm Rear	6000 mm Side	7500 mm Front	7500 mm Rear	7500 mm Side	Max reach Front	Max reach Rear	Max reach Side	mm
	Front empty – rear parallel dozer – raised													*3050	*3050	*3050	
	Front empty – rear parallel dozer – lowered													*3050	*3050	*3050	
7500 mm	Front parallel dozer – rear stabilizer – lowered													*3050	*3050	*3050	5910
	Front stabilizer – rear stabilizer – lowered													*3050	*3050	*3050	
	Wide axle – front empty – rear parallel dozer – lowered													*3050	*3050	*3050	
	Front empty – rear parallel dozer – raised							*5000	4100	3300				*2700	*2700	2350	
	Front empty – rear parallel dozer – lowered							*5000	*5000	3650				*2700	*2700	2650	
6000 mm	Front parallel dozer – rear stabilizer – lowered							*5000	*5000	*5000				*2700	*2700	*2700	7110
	Front stabilizer – rear stabilizer – lowered							*5000	*5000	5000*				*2700	*2700	*2700	
	Wide axle – front empty – rear parallel dozer – lowered							*5000	4100	3600				*2700	*2700	2600	
	Front empty – rear parallel dozer – raised				*6150	*6150	5050	5200	3950	3150	3550	2700	2100	*2600	2450	1950	
	Front empty – rear parallel dozer – lowered				*6150	*6150	5600	5150	*5650	3500	3550	*4100	2350	*2600	*2600	2150	
4500 mm	Front parallel dozer – rear stabilizer – lowered				*6150	*6150	*6150	*5650	*5650	5250	*4100	*4100	3600	*2600	*2600	*2600	7840
	Front stabilizer – rear stabilizer – lowered				*6150	*6150	*6150	*5650	*5650	*5650	*4100	*4100	*4100	*2600	*2600	*2600	
	Wide axle – front empty – rear parallel dozer – lowered				*6150	*6150	5550	5200	3950	3500	3600	2700	2350	*2600	2450	2150	
	Front empty – rear parallel dozer – raised				7800	5850	4550	4950	3750	2950	3450	2600	2050	*2600	2200	1700	
	Front empty – rear parallel dozer – lowered				7750	*8150	5100	4950	*6300	3300	3450	*5350	2300	*2600	*2600	1950	
3000 mm	Front parallel dozer – rear stabilizer – lowered				*8150	*8150	7900	*6300	*6300	5000	*5350	*5350	3500	*2600	*2600	*2600	8230
	Front stabilizer – rear stabilizer – lowered				*8150	*8150	*8150	*6300	*6300	6000	*5350	*5350	4200	*2600	*2600	*2600	
	Wide axle – front empty – rear parallel dozer – lowered				7850	5850	5050	5000	3750	3250	3500	2600	2250	*2600	2200	1900	
	Front empty – rear parallel dozer – raised				7200	5300	4050	4700	3500	2700	3350	2500	1950	*2750	2100	1600	
	Front empty – rear parallel dozer – lowered				7200	*9500	4600	4650	*6950	3050	3350	5400	2200	*2750	*2750	1850	
1500 mm	Front parallel dozer – rear stabilizer – lowered				*9500	*9500	7300	*6950	*6950	4750	*5550	5500	3400	*2750	*2750	*2750	8310
	Front stabilizer – rear stabilizer – lowered				*9500	*9500	8950	*6950	*6950	5700	*5550	*5550	4050	*2750	*2750	*2750	
	Wide axle – front empty – rear parallel dozer – lowered				7250	5300	4550	4700	3500	3000	3350	2500	2150	*2750	2100	1800	
	Front empty – rear parallel dozer – raised				6900	5000	3750	4500	3300	2550	3250	2400	1850	2900	2150	1650	
	Front empty – rear parallel dozer – lowered				6850	*10 000	4300	4500	*7200	2900	3250	5300	2100	2900	*3000	1850	
0 mm	Front parallel dozer – rear stabilizer – lowered				*10 000	*10 000	6950	*7200	*7200	4550	*5600	5400	3300	*3000	*3000	2950	8120
	Front stabilizer – rear stabilizer – lowered				*10 000	*10 000	8600	*7200	*7200	5500	*5600	5500	3950	*3000	*3000	*3000	
	Wide axle – front empty – rear parallel dozer – lowered				6900	5000	4250	4550	3300	2850	3300	2400	2050	2950	2150	1850	
	Front empty – rear parallel dozer – raised	*8700	*8700	6700	6750	4900	3650	4400	3200	2450	3250	2350	1800	3200	2300	1800	
	Front empty – rear parallel dozer – lowered	*8700	*8700	7800	6750	*9500	4200	4400	*6950	2800	3200	*4700	2050	3150	*3500	2050	
–1500 mm	Front parallel dozer – rear stabilizer – lowered	*8700	*8700	*8700	*9500	*9500	6850	*6950	*6950	4450	*4700	*4700	3250	*3500	*3500	3200	7610
	Front stabilizer – rear stabilizer – lowered	*8700	*8700	*8700	*9500	*9500	8450	*6950	*6950	5400	*4700	*4700	3950	*3500	*3500	*3500	
	Wide axle – front empty – rear parallel dozer – lowered	*8700	*8700	7650	6800	4900	4100	4450	3250	2750	3250	2350	2050	3200	2350	2000	
	Front empty – rear parallel dozer – raised	*11 050	9650	6900	6800	4950	3700	4450	3250	2500				3850	2800	2150	
	Front empty – rear parallel dozer – lowered	*11 050	*11 050	7950	6800	*8050	4250	4450	*5750	2850				3800	*4550	2450	
–3000 mm	Front parallel dozer – rear stabilizer – lowered	*11 050	*11 050	*11 050	*8050	*8050	6900	*5750	*5750	4500				*4550	*4550	3850	6720
	Front stabilizer – rear stabilizer – lowered	*11 050	*11 050	*11 050	*8050	*8050	*8050	*5750	*5750	5450				*4550	*4550	*4550	
	Wide axle – front empty – rear parallel dozer – lowered	*11 050	9650	7850	6850	4950	4150	4500	3250	2800				3850	2800	2450	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – Variable Adjustable Boom 9'6" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,940 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft			Load at maximum reach			
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	ft
	Front empty – rear parallel dozer – raised													*6,800	*6,800	*6,800	
	Front empty – rear parallel dozer – lowered													*6,800	*6,800	*6,800	
25 ft	Front parallel dozer – rear stabilizer – lowered													*6,800	*6,800	*6,800	18.96
	Front stabilizer – rear stabilizer – lowered													*6,800	*6,800	*6,800	
	Wide axle – front empty – rear parallel dozer – lowered													*6,800	*6,800	*6,800	
	Front empty – rear parallel dozer – raised							*10,800	8,800	7,100				*6,000	*6,000	5,300	
	Front empty – rear parallel dozer – lowered							*10,800	*10,800	7,800				*6,000	*6,000	5,900	
20 ft	Front parallel dozer – rear stabilizer – lowered							*10,800	*10,800	*10,800				*6,000	*6,000	*6,000	23.13
	Front stabilizer – rear stabilizer – lowered							*10,800	*10,800	*10,800				*6,000	*6,000	*6,000	
	Wide axle – front empty – rear parallel dozer – lowered							*10,800	8,800	7,700				*6,000	*6,000	5,800	
	Front empty – rear parallel dozer – raised				*13,400	*13,400	10,900	11,200	8,500	6,800	7,600	5,700	4,500	*5,700	5,400	4,300	
	Front empty – rear parallel dozer – lowered				*13,400	*13,400	12,100	11,100	*12,400	7,600	7,600	*7,900	5,100	*5,700	*5,700	4,800	
15 ft	Front parallel dozer – rear stabilizer – lowered				*13,400	*13,400	*13,400	*12,400	*12,400	11,300	*7,900	*7,900	7,700	*5,700	*5,700	*5,700	25.66
	Front stabilizer – rear stabilizer – lowered				*13,400	*13,400	*13,400	*12,400	*12,400	*12,400	*7,900	*7,900	*7,900	*5,700	*5,700	*5,700	
	Wide axle – front empty – rear parallel dozer – lowered				*13,400	*13,400	12,000	11,200	8,500	7,500	7,700	5,700	5,000	*5,700	5,500	4,700	
	Front empty – rear parallel dozer – raised				16,800	12,600	9,900	10,700	8,000	6,400	7,500	5,600	4,400	*5,700	4,800	3,800	
	Front empty – rear parallel dozer – lowered				16,700	*17,600	11,000	10,600	*13,700	7,100	7,400	*11,300	4,900	*5,700	*5,700	4,300	
10 ft	Front parallel dozer – rear stabilizer – lowered				*17,600	*17,600	17,000	*13,700	*13,700	10,800	*11,300	*11,300	7,500	*5,700	*5,700	*5,700	26.97
	Front stabilizer – rear stabilizer – lowered				*17,600	*17,600	*17,600	*13,700	*13,700	12,900	*11,300	*11,300	9,000	*5,700	*5,700	*5,700	
	Wide axle – front empty – rear parallel dozer – lowered				16,900	12,600	10,900	10,700	8,100	7,000	7,500	5,600	4,800	*5,700	4,900	4,200	
	Front empty – rear parallel dozer – raised				15,600	11,400	8,800	10,100	7,500	5,900	7,200	5,300	4,100	*6,000	4,600	3,600	
	Front empty – rear parallel dozer – lowered				15,500	*20,500	9,900	10,100	*15,000	6,600	7,200	11,600	4,700	*6,000	*6,000	4,000	
5 ft	Front parallel dozer – rear stabilizer – lowered				*20,500	*20,500	15,700	*15,000	*15,000	10,200	*12,100	11,800	7,300	*6,000	*6,000	*6,000	27.30
	Front stabilizer – rear stabilizer – lowered				*20,500	*20,500	19,300	*15,000	*15,000	12,300	*12,100	12,100	8,700	*6,000	*6,000	*6,000	
	Wide axle – front empty – rear parallel dozer – lowered				15,600	11,500	9,800	10,200	7,500	6,500	7,300	5,300	4,600	*6,000	4,600	4,000	
	Front empty – rear parallel dozer – raised				14,800	10,700	8,100	9,700	7,100	5,500	7,000	5,100	4,000	6,400	4,700	3,600	
	Front empty – rear parallel dozer – lowered				14,700	*21,600	9,200	9,700	*15,600	6,200	7,000	11,400	4,500	6,400	*6,600	4,100	
0 ft	Front parallel dozer – rear stabilizer – lowered				*21,600	*21,600	15,000	*15,600	*15,600	9,800	*12,100	11,600	7,100	*6,600	*6,600	6,500	26.64
	Front stabilizer – rear stabilizer – lowered				*21,600	*21,600	18,500	*15,600	*15,600	11,900	*12,100	11,800	8,500	*6,600	*6,600	*6,600	
	Wide axle – front empty – rear parallel dozer – lowered				14,900	10,800	9,100	9,800	7,100	6,100	7,100	5,200	4,400	6,500	4,700	4,000	
	Front empty – rear parallel dozer – raised	*19,800	*19,800	14,400	14,600	10,500	7,900	9,500	6,900	5,300				7,000	5,100	4,000	
	Front empty – rear parallel dozer – lowered	*19,800	*19,800	16,700	14,500	*20,600	9,000	9,500	*15,000	6,000				7,000	*7,800	4,500	
–5 ft	Front parallel dozer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*20,600	*20,600	14,700	*15,000	*15,000	9,600				*7,800	*7,800	7,100	24.93
	Front stabilizer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*20,600	*20,600	18,200	*15,000	*15,000	11,700				*7,800	*7,800	*7,800	
	Wide axle – front empty – rear parallel dozer – lowered	*19,800	*19,800	16,400	14,600	10,500	8,900	9,600	7,000	6,000				7,100	5,100	4,400	
	Front empty – rear parallel dozer – raised	*23,900	20,700	14,800	14,700	10,600	8,000	9,600	7,000	5,400				8,500	6,300	4,800	
	Front empty – rear parallel dozer – lowered	*23,900	*23,900	17,100	14,600	*17,300	9,100	9,600	*12,300	6,100				8,500	*10,000	5,500	
–10 ft	Front parallel dozer – rear stabilizer – lowered	*23,900	*23,900	*23,900	*17,300	*17,300	14900	*12,300	*12,300	9,700				*10,000	*10,000	8,600	21.92
	Front stabilizer – rear stabilizer – lowered	*23,900	*23,900	*23,900	*17,300	*17,300	*17,300	*12,300	*12,300	11,800				*10,000	*10,000	*10,000	
	Wide axle – front empty – rear parallel dozer – lowered	*23,900	20,700	16,800	14,800	10,600	9,000	9,700	7,100	6,000				8,600	6,300	5,400	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M320 Wheeled Excavator Specifications

Lift Capacities – Variable Adjustable Boom 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4200 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach			mm
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	
	Front empty – rear parallel dozer – raised				*5800	*5800	5700							*3700	*3700	*3700	
	Front empty – rear parallel dozer – lowered				*5800	*5800	*5800							*3700	*3700	*3700	
7500 mm	Front parallel dozer – rear stabilizer – lowered				*5800	*5800	*5800							*3700	*3700	*3700	5340
	Front stabilizer – rear stabilizer – lowered				*5800	*5800	*5800							*3700	*3700	*3700	
	Wide axle – front empty – rear parallel dozer – lowered				*5800	*5800	*5800							*3700	*3700	*3700	
	Front empty – rear parallel dozer – raised				*6200	*6200	5650	*5500	4350	3500				*3250	*3250	2900	
	Front empty – rear parallel dozer – lowered				*6200	*6200	*6200	*5500	*5500	3900				*3250	*3250	3200	
6000 mm	Front parallel dozer – rear stabilizer – lowered				*6200	*6200	*6200	*5500	*5500	*5500				*3250	*3250	*3250	6660
	Front stabilizer – rear stabilizer – lowered				*6200	*6200	*6200	*5500	*5500	*5500				*3250	*3250	*3250	
	Wide axle – front empty – rear parallel dozer – lowered				*6200	*6200	6200	*5500	4350	3850				*3250	*3250	3150	
	Front empty – rear parallel dozer – raised				*7150	6750	5350	5500	4250	3400				*3100	2950	2350	
	Front empty – rear parallel dozer – lowered				*7150	*7150	5950	5500	*6000	3750				*3100	*3100	2600	
4500 mm	Front parallel dozer – rear stabilizer – lowered				*7150	*7150	*7150	*6000	*6000	5550				*3100	*3100	*3100	7440
	Front stabilizer – rear stabilizer – lowered				*7150	*7150	*7150	*6000	*6000	*6000				*3100	*3100	*3100	
	Wide axle – front empty – rear parallel dozer – lowered				*7150	6750	5850	5550	4250	3750				*3100	2950	2550	
	Front empty – rear parallel dozer – raised				8200	6200	4850	5300	4050	3200	3750	2850	2250	*3100	2600	2050	
	Front empty – rear parallel dozer – lowered				8200	*8600	5450	5250	*6550	3550	3700	*5350	2500	*3100	*3100	2300	
3000 mm	Front parallel dozer – rear stabilizer – lowered				*8600	*8600	8300	*6550	*6550	5350	*5350	*5350	3750	*3100	*3100	*3100	7840
	Front stabilizer – rear stabilizer – lowered				*8600	*8600	*8600	*6550	*6550	6350	*5350	*5350	4450	*3100	*3100	*3100	
	Wide axle – front empty – rear parallel dozer – lowered				8250	6250	5350	5300	4050	3500	3750	2850	2500	*3100	2600	2300	
	Front empty – rear parallel dozer – raised				7700	5750	4400	5050	3800	3000	3650	2750	2150	*3300	2500	1950	
	Front empty – rear parallel dozer – lowered				7650	*9800	4950	5000	*7100	3350	3600	*5650	2400	*3300	*3300	2200	
1500 mm	Front parallel dozer – rear stabilizer – lowered				*9800	*9800	7800	*7100	*7100	5100	*5650	*5650	3650	*3300	*3300	*3300	7930
	Front stabilizer – rear stabilizer – lowered				*9800	*9800	9500	*7100	*7100	6100	*5650	*5650	4350	*3300	*3300	*3300	
	Wide axle – front empty – rear parallel dozer – lowered				7750	5750	4900	5050	3800	3300	3650	2750	2400	*3300	2500	2200	
	Front empty – rear parallel dozer – raised				7450	5450	4200	4900	3650	2850	3550	2650	2100	3400	2550	2000	
	Front empty – rear parallel dozer – lowered				7400	*10 000	4750	4850	*7250	3200	3550	*5500	2350	3400	*3650	2250	
0 mm	Front parallel dozer – rear stabilizer – lowered				*10 000	*10 000	7500	*7250	*7250	4950	*5500	*5500	3600	*3650	*3650	3450	7720
	Front stabilizer – rear stabilizer – lowered				*10 000	*10 000	9200	*7250	*7250	5900	*5500	*5500	4300	*3650	*3650	*3650	
	Wide axle – front empty – rear parallel dozer – lowered				7450	5500	4650	4900	3650	3150	3600	2650	2300	3450	2550	2250	
	Front empty – rear parallel dozer – raised	*9300	*9300	7550	7350	5400	4150	4800	3600	2800				3750	2850	2200	
	Front empty – rear parallel dozer – lowered	*9300	*9300	8700	7350	*9250	4650	4800	*6800	3150				3750	*4350	2500	
–1500 mm	Front parallel dozer – rear stabilizer – lowered	*9300	*9300	*9300	*9250	*9250	7450	*6800	*6800	4850				*4350	*4350	3800	7190
	Front stabilizer – rear stabilizer – lowered	*9300	*9300	*9300	*9250	*9250	9150	*6800	*6800	5850				*4350	*4350	*4350	
	Wide axle – front empty – rear parallel dozer – lowered	*9300	*9300	8550	7400	5450	4600	4850	3600	3100				3800	*2850	2450	
	Front empty – rear parallel dozer – raised				*7450	5500	4200	4900	3700	2850				*4650	3500	2750	
	Front empty – rear parallel dozer – lowered				7450	*7450	4750	4900	*5150	3200				4650	*4650	3100	
–3000 mm	Front parallel dozer – rear stabilizer – lowered				*7450	*7450	*7450	*5150	*5150	4950				*4650	*4650	*4650	6240
	Front stabilizer – rear stabilizer – lowered				*7450	*7450	*7450	*5150	*5150	*5150				*4650	*4650	*4650	
	Wide axle – front empty – rear parallel dozer – lowered				*7450	5500	4700	4950	3700	3200				*4650	3500	3050	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – Variable Adjustable Boom 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 9,260 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) — Load over front — Load over rear — Load over side — Load point height

Load point height	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft			Max reach			ft
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	
25 ft	Front empty – rear parallel dozer – raised				*12,300	*12,300	12,200							*8,300	*8,300	*8,300	17.06
	Front empty – rear parallel dozer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	
	Front parallel dozer – rear stabilizer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	
	Front stabilizer – rear stabilizer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	
	Wide axle – front empty – rear parallel dozer – lowered				*12,300	*12,300	*12,300							*8,300	*8,300	*8,300	
20 ft	Front empty – rear parallel dozer – raised				*13,500	*13,500	12,200	*11,500	9,300	7,500				*7,200	*7,200	6,500	21.65
	Front empty – rear parallel dozer – lowered				*13,500	*13,500	13,500	*11,500	*11,500	8,300				*7,200	*7,200	7,200	
	Front parallel dozer – rear stabilizer – lowered				*13,500	*13,500	*13,500	*11,500	*11,500	*11,500				*7,200	*7,200	*7,200	
	Front stabilizer – rear stabilizer – lowered				*13,500	*13,500	*13,500	*11,500	*11,500	*11,500				*7,200	*7,200	*7,200	
	Wide axle – front empty – rear parallel dozer – lowered				*13,500	*13,500	13,300	*11,500	9,400	8,200				*7,200	*7,200	7,100	
15 ft	Front empty – rear parallel dozer – raised				*15,400	14,500	11,600	11,800	9,100	7,300				*6,800	6,500	5,200	24.31
	Front empty – rear parallel dozer – lowered				*15,400	*15,400	12,800	11,800	*13,000	8,100				*6,800	*6,800	5,800	
	Front parallel dozer – rear stabilizer – lowered				*15,400	*15,400	*15,400	*13,000	*13,000	12,000				*6,800	*6,800	*6,800	
	Front stabilizer – rear stabilizer – lowered				*15,400	*15,400	*15,400	*13,000	*13,000	*13,000				*6,800	*6,800	*6,800	
	Wide axle – front empty – rear parallel dozer – lowered				*15,400	14,600	12,700	11,900	9,200	8,000				*6,800	6,500	5,700	
10 ft	Front empty – rear parallel dozer – raised				17,700	13,400	10,500	11,400	8,700	6,900	8,000	6,100	4,800	*6,900	5,800	4,600	25.69
	Front empty – rear parallel dozer – lowered				17,600	*18,600	11,700	11,300	*14,300	7,700	8,000	*10,300	5,400	*6,900	*6,900	5,100	
	Front parallel dozer – rear stabilizer – lowered				*18,600	*18,600	17,900	*14,300	*14,300	11,500	*10,300	*10,300	8,100	*6,900	*6,900	*6,900	
	Front stabilizer – rear stabilizer – lowered				*18,600	*18,600	*18,600	*14,300	*14,300	13,700	*10,300	*10,300	9,600	*6,900	*6,900	*6,900	
	Wide axle – front empty – rear parallel dozer – lowered				17,800	13,500	11,600	11,400	8,700	7,600	8,100	6,100	5,300	*6,900	5,800	5,100	
5 ft	Front empty – rear parallel dozer – raised				16,600	12,400	9,600	10,900	8,200	6,500	7,800	5,900	4,600	*7,200	5,500	4,300	26.02
	Front empty – rear parallel dozer – lowered				16,500	*21,200	10,700	10,800	*15,400	7,200	7,800	*12,300	5,200	*7,200	*7,200	4,900	
	Front parallel dozer – rear stabilizer – lowered				*21,200	*21,200	16,800	*15,400	*15,400	11,000	*12,300	*12,300	7,900	*7,200	*7,200	*7,200	
	Front stabilizer – rear stabilizer – lowered				*21,200	*21,200	20,400	*15,400	*15,400	13,100	*12,300	*12,300	9,400	*7,200	*7,200	*7,200	
	Wide axle – front empty – rear parallel dozer – lowered				16,700	12,400	10,600	10,900	8,200	7,100	7,900	5,900	5,100	*7,200	5,500	4,800	
0 ft	Front empty – rear parallel dozer – raised				16,000	11,800	9,000	10,500	7,900	6,100	7,700	5,700	4,500	7,500	5,600	4,400	25.33
	Front empty – rear parallel dozer – lowered				15,900	*21,700	10,200	10,500	*15,700	6,900	7,600	*10,700	5,100	7,500	*8,000	5,000	
	Front parallel dozer – rear stabilizer – lowered				*21,700	*21,700	16,200	*15,700	*15,700	10,600	*10,700	*10,700	7,700	*8,000	*8,000	7,600	
	Front stabilizer – rear stabilizer – lowered				*21,700	*21,700	19,800	*15,700	*15,700	12,800	*10,700	*10,700	9,200	*8,000	*8,000	*8,000	
	Wide axle – front empty – rear parallel dozer – lowered				16,100	11,800	10,100	10,600	7,900	6,800	7,700	5,800	5,000	7,600	5,700	4,900	
–5 ft	Front empty – rear parallel dozer – raised	*21,200	*21,200	16,300	15,800	11,700	8,900	10,400	7,800	6,000				8,300	6,200	4,900	23.56
	Front empty – rear parallel dozer – lowered	*21,200	*21,200	18,700	15,800	*20,000	10,100	10,300	*14,600	6,800				8,300	*9,600	5,500	
	Front parallel dozer – rear stabilizer – lowered	*21,200	*21,200	*21,200	*20,000	*20,000	16,000	*14,600	*14,600	10,500				*9,600	*9,600	8,400	
	Front stabilizer – rear stabilizer – lowered	*21,200	*21,200	*21,200	*20,000	*20,000	19,600	*14,600	*14,600	12,600				*9,600	*9,600	*9,600	
	Wide axle – front empty – rear parallel dozer – lowered	*21,200	*21,200	18,400	15,900	11,700	9,900	10,500	7,800	6,700				8,400	6,300	5,400	
–10 ft	Front empty – rear parallel dozer – raised				*16,000	11,900	9,100	10,600	8,000	6,200				*10,200	7,800	6,100	20.34
	Front empty – rear parallel dozer – lowered				16,000	*16,000	10,300	10,600	*10,700	7,000				*10,200	*10,200	6,900	
	Front parallel dozer – rear stabilizer – lowered				*16,000	*16,000	*16,000	*10,700	*10,700	10,700				*10,200	*10,200	*10,200	
	Front stabilizer – rear stabilizer – lowered				*16,000	*16,000	*16,000	*10,700	*10,700	*10,700				*10,200	*10,200	*10,200	
	Wide axle – front empty – rear parallel dozer – lowered				*16,000	11,900	10,100	10,700	8,000	6,900				*10,200	7,800	6,800	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M320 Wheeled Excavator Specifications

Lift Capacities – Variable Adjustable Boom 2900 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4200 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach			mm
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	
	Front empty – rear parallel dozer – raised													*3050	*3050	*3050	
	Front empty – rear parallel dozer – lowered													*3050	*3050	*3050	
7500 mm	Front parallel dozer – rear stabilizer – lowered													*3050	*3050	*3050	5910
	Front stabilizer – rear stabilizer – lowered													*3050	*3050	*3050	
	Wide axle – front empty – rear parallel dozer – lowered													*3050	*3050	*3050	
	Front empty – rear parallel dozer – raised							*5000	4450	3600				*2700	*2700	*2600	
	Front empty – rear parallel dozer – lowered							*5000	*5000	3950				*2700	*2700	*2700	
6000 mm	Front parallel dozer – rear stabilizer – lowered							*5000	*5000	*5000				*2700	*2700	*2700	7110
	Front stabilizer – rear stabilizer – lowered							*5000	*5000	*5000				*2700	*2700	*2700	
	Wide axle – front empty – rear parallel dozer – lowered							*5000	4450	3900				*2700	*2700	*2700	
	Front empty – rear parallel dozer – raised				*6150	*6150	5450	5550	4300	3450	3850	2950	2350	*2600	*2600	2150	
	Front empty – rear parallel dozer – lowered				*6150	*6150	6050	5550	*5650	3800	3800	*4100	2600	*2600	*2600	2400	
4500 mm	Front parallel dozer – rear stabilizer – lowered				*6150	*6150	*6150	*5650	*5650	5600	*4100	*4100	3850	*2600	*2600	*2600	7840
	Front stabilizer – rear stabilizer – lowered				*6150	*6150	*6150	*5650	*5650	*5650	*4100	*4100	*4100	*2600	*2600	*2600	
	Wide axle – front empty – rear parallel dozer – lowered				*6150	*6150	6000	5600	4300	3800	3850	2950	2600	*2600	*2600	2350	
	Front empty – rear parallel dozer – raised				*8150	6350	5000	5300	4050	3250	3750	2850	2250	*2600	2400	1900	
	Front empty – rear parallel dozer – lowered				*8150	*8150	5550	5300	*6300	3600	3750	*5350	2500	*2600	*2600	2150	
3000 mm	Front parallel dozer – rear stabilizer – lowered				*8150	*8150	*8150	*6300	*6300	5350	*5350	*5350	3800	*2600	*2600	*2600	8230
	Front stabilizer – rear stabilizer – lowered				*8150	*8150	*8150	*6300	*6300	*6300	*5350	*5350	4500	*2600	*2600	*2600	
	Wide axle – front empty – rear parallel dozer – lowered				*8150	6350	5450	5350	4100	3550	3750	2850	2500	*2600	2450	2100	
	Front empty – rear parallel dozer – raised				7800	5800	4500	5050	3850	3000	3650	2750	2150	*2750	2300	1800	
	Front empty – rear parallel dozer – lowered				7750	*9500	5050	5050	*6950	3350	3600	*5550	2400	*2750	*2750	2050	
1500 mm	Front parallel dozer – rear stabilizer – lowered				*9500	*9500	7850	*6950	*6950	5100	*5550	*5550	3650	*2750	*2750	*2750	8310
	Front stabilizer – rear stabilizer – lowered				*9500	*9500	*9500	*6950	*6950	6100	*5550	*5550	4350	*2750	*2750	*2750	
	Wide axle – front empty – rear parallel dozer – lowered				7800	5800	4950	5100	3850	3350	3650	2750	2400	*2750	2300	2000	
	Front empty – rear parallel dozer – raised				7450	5500	4200	4850	3650	2850	3550	2650	2050	*3000	2350	1850	
	Front empty – rear parallel dozer – lowered				7400	*10 000	4750	4850	*7200	3200	3500	*5600	2300	*3000	*3000	2050	
0 mm	Front parallel dozer – rear stabilizer – lowered				*10 000	*10 000	7500	*7200	*7200	4900	*5600	*5600	3550	*3000	*3000	*3000	8120
	Front stabilizer – rear stabilizer – lowered				*10 000	*10 000	9200	*7200	*7200	5900	*5600	*5600	4250	*3000	*3000	*3000	
	Wide axle – front empty – rear parallel dozer – lowered				7500	5500	4650	4900	3650	3150	3550	2650	2300	*3000	2350	2050	
	Front empty – rear parallel dozer – raised	*8700	*8700	7450	7300	5350	4100	4800	3550	2750	3500	2600	2050	3450	2600	2000	
	Front empty – rear parallel dozer – lowered	*8700	*8700	8600	7300	*9500	4650	4750	*6950	3100	3500	*4700	2300	3450	*3500	2250	
–1500 mm	Front parallel dozer – rear stabilizer – lowered	*8700	*8700	*8700	*9500	*9500	7400	*6950	*6950	4850	*4700	*4700	3550	*3500	*3500	3500	7610
	Front stabilizer – rear stabilizer – lowered	*8700	*8700	*8700	*9500	*9500	9100	*6950	*6950	5850	*4700	*4700	4250	*3500	*3500	*3500	
	Wide axle – front empty – rear parallel dozer – lowered	*8700	*8700	8450	7350	5400	4550	4800	3550	3050	3550	2650	2250	3450	2600	2250	
	Front empty – rear parallel dozer – raised	*11 050	10550	7600	7350	5400	4150	4800	3600	2800				4150	3100	2450	
	Front empty – rear parallel dozer – lowered	*11 050	*11 050	8750	7350	*8050	4700	4800	*5750	3150				4150	*4550	2750	
–3000 mm	Front parallel dozer – rear stabilizer – lowered	*11 050	*11 050	*11 050	*8050	*8050	7450	*5750	*5750	4850				*4550	*4550	4200	6720
	Front stabilizer – rear stabilizer – lowered	*11 050	*11 050	*11 050	*8050	*8050	*8050	*5750	*5750	*5750				*4550	*4550	*4550	
	Wide axle – front empty – rear parallel dozer – lowered	*11 050	10600	8600	7400	5450	4600	4850	3600	3100				4200	3100	2700	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – Variable Adjustable Boom 9'6" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 9,260 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft						
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	ft
25 ft	Front empty – rear parallel dozer – raised													*6,800	*6,800	*6,800	
	Front empty – rear parallel dozer – lowered													*6,800	*6,800	*6,800	
	Front parallel dozer – rear stabilizer – lowered													*6,800	*6,800	*6,800	18.96
	Front stabilizer – rear stabilizer – lowered													*6,800	*6,800	*6,800	
	Wide axle – front empty – rear parallel dozer – lowered													*6,800	*6,800	*6,800	
20 ft	Front empty – rear parallel dozer – raised							*10,800	9,500	7,700				*6,000	*6,000	5,800	
	Front empty – rear parallel dozer – lowered							*10,800	*10,800	8,500				*6,000	*6,000	*6,000	
	Front parallel dozer – rear stabilizer – lowered							*10,800	*10,800	*10,800				*6,000	*6,000	*6,000	23.13
	Front stabilizer – rear stabilizer – lowered							*10,800	*10,800	*10,800				*6,000	*6,000	*6,000	
	Wide axle – front empty – rear parallel dozer – lowered							*10,800	9,500	8,400				*6,000	*6,000	*6,000	
15 ft	Front empty – rear parallel dozer – raised				*13,400	*13,400	11,800	12,000	9,300	7,500	*7,900	6,300	5,000	*5,700	*5,700	4,800	
	Front empty – rear parallel dozer – lowered				*13,400	*13,400	13,100	11,900	*12,400	8,200	*7,900	*7,900	5,600	*5,700	*5,700	5,300	
	Front parallel dozer – rear stabilizer – lowered				*13,400	*13,400	*13,400	*12,400	*12,400	12,100	*7,900	*7,900	*7,900	*5,700	*5,700	*5,700	25.66
	Front stabilizer – rear stabilizer – lowered				*13,400	*13,400	*13,400	*12,400	*12,400	*12,400	*7,900	*7,900	*7,900	*5,700	*5,700	*5,700	
	Wide axle – front empty – rear parallel dozer – lowered				*13,400	*13,400	12,900	12,000	9,300	8,100	*7,900	6,300	5,500	*5,700	*5,700	5,200	
10 ft	Front empty – rear parallel dozer – raised				*17,600	13,700	10,800	11,500	8,800	7,000	8,100	6,100	4,900	*5,700	5,300	4,200	
	Front empty – rear parallel dozer – lowered				*17,600	*17,600	12,000	11,400	*13,700	7,800	8,000	*11,300	5,400	*5,700	*5,700	4,700	
	Front parallel dozer – rear stabilizer – lowered				*17,600	*17,600	*17,600	*13,700	*13,700	11600	*11,300	*11,300	8,100	*5,700	*5,700	*5,700	26.97
	Front stabilizer – rear stabilizer – lowered				*17,600	*17,600	*17,600	*13,700	*13,700	*13,700	*11,300	*11,300	9,600	*5,700	*5,700	*5,700	
	Wide axle – front empty – rear parallel dozer – lowered				*17,600	13,700	11,800	11,500	8,800	7,700	8,100	6,100	5,400	*5,700	5,400	4,700	
5 ft	Front empty – rear parallel dozer – raised				16,700	12,500	9,700	10,900	8,200	6,500	7,800	5,900	4,600	*6,000	5,100	4,000	
	Front empty – rear parallel dozer – lowered				16,700	*20,500	10,900	10,900	*15,000	7,300	7,800	*12,100	5,200	*6,000	*6,000	4,500	
	Front parallel dozer – rear stabilizer – lowered				*20,500	*20,500	16,900	*15,000	*15,000	11,000	*12,100	*12,100	7,900	*6,000	*6,000	*6,000	27.30
	Front stabilizer – rear stabilizer – lowered				*20,500	*20,500	*20,500	*15,000	*15,000	13,200	*12,100	*12,100	9,400	*6,000	*6,000	*6,000	
	Wide axle – front empty – rear parallel dozer – lowered				16,800	12,500	10,700	11,000	8,300	7,200	7,900	5,900	5,100	*6,000	5,100	4,400	
0 ft	Front empty – rear parallel dozer – raised				16,000	11,800	9,000	10,500	7,900	6,100	7,600	5,700	4,500	*6,600	5,200	4,100	
	Front empty – rear parallel dozer – lowered				15,900	*21,600	10,200	10,500	*15,600	6,900	7,600	*12,100	5,000	*6,600	*6,600	4,600	
	Front parallel dozer – rear stabilizer – lowered				*21,600	*21,600	16,200	*15,600	*15,600	10,600	*12,100	*12,100	7,700	*6,600	*6,600	*6,600	26.64
	Front stabilizer – rear stabilizer – lowered				*21,600	*21,600	19,800	*15,600	*15,600	12,700	*12,100	*12,100	9,200	*6,600	*6,600	*6,600	
	Wide axle – front empty – rear parallel dozer – lowered				16,100	11,800	10,100	10,600	7,900	6,800	7,700	5,700	4,900	*6,600	5,200	4,500	
–5 ft	Front empty – rear parallel dozer – raised	*19,800	*19,800	16,000	15,700	11,600	8,800	10,300	7,700	6,000				7,600	5,700	4,400	
	Front empty – rear parallel dozer – lowered	*19,800	*19,800	18,400	15,700	*20,600	10,000	10,300	*15,000	6,700				7,600	*7,800	5,000	
	Front parallel dozer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*20,600	*20,600	15,900	*15,000	*15,000	10,400				*7,800	*7,800	7,700	24.93
	Front stabilizer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*20,600	*20,600	19,500	*15,000	*15,000	12,500				*7,800	*7,800	*7,800	
	Wide axle – front empty – rear parallel dozer – lowered	*19,800	*19,800	18,100	15,800	11,600	9,800	10,400	7,700	6,600				7,700	5,700	4,900	
–10 ft	Front empty – rear parallel dozer – raised	*23,900	22,600	16,400	15,900	11,700	8,900	10,400	7,800	6,000				9,200	6,900	5,400	
	Front empty – rear parallel dozer – lowered	*23,900	*23,900	18,800	15,800	*17,300	10,100	10,400	*12,300	6,800				9,200	*10,000	6,100	
	Front parallel dozer – rear stabilizer – lowered	*23,900	*23,900	*23,900	*17,300	*17,300	16,100	*12,300	*12,300	10,500				*10,000	*10,000	9,300	21.92
	Front stabilizer – rear stabilizer – lowered	*23,900	*23,900	*23,900	*17,300	*17,300	*17,300	*12,300	*12,300	*12,300				*10,000	*10,000	*10,000	
	Wide axle – front empty – rear parallel dozer – lowered	*23,900	22,700	18,500	16,000	11,700	9,900	10,500	7,800	6,700				9,300	6,900	6,000	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3600 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach			mm
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	
7500 mm	Front empty – rear parallel dozer – raised													*4150	4100	3300	5860
	Front empty – rear parallel dozer – lowered													*4150	*4150	3650	
	Front parallel dozer – rear stabilizer – lowered													*4150	*4150	*4150	
	Front stabilizer – rear stabilizer – lowered													*4150	*4150	*4150	
	Wide axle – front empty – rear parallel dozer – lowered													*4150	*4150	3650	
6000 mm	Front empty – rear parallel dozer – raised							5200	4000	3200				*3750	2950	2350	7070
	Front empty – rear parallel dozer – lowered							5200	*5600	3550				*3750	*3750	2600	
	Front parallel dozer – rear stabilizer – lowered							*5600	*5600	5250				*3750	*3750	*3750	
	Front stabilizer – rear stabilizer – lowered							*5600	*5600	*5600				*3750	*3750	*3750	
	Wide axle – front empty – rear parallel dozer – lowered							5250	4000	3500				*3750	2950	2600	
4500 mm	Front empty – rear parallel dozer – raised				*7350	6100	4800	5050	3850	3050	3500	2650	2100	3250	2450	1900	7810
	Front empty – rear parallel dozer – lowered				*7350	*7350	5350	5000	*6000	3400	3500	*5250	2350	3250	*3650	2150	
	Front parallel dozer – rear stabilizer – lowered				*7350	*7350	*7350	*6000	*6000	5100	*5250	*5250	3550	*3650	*3650	3300	
	Front stabilizer – rear stabilizer – lowered				*7350	*7350	*7350	*6000	*6000	*6000	*5250	*5250	4200	*3650	*3650	*3650	
	Wide axle – front empty – rear parallel dozer – lowered				*7350	6100	5300	5050	3850	3350	3500	2650	2300	3250	2450	2150	
3000 mm	Front empty – rear parallel dozer – raised				7400	5500	4300	4800	3600	2850	3400	2550	2000	2950	2200	1700	8190
	Front empty – rear parallel dozer – lowered				7400	*8900	4800	4750	*6600	3200	3400	5400	2250	2900	*3700	1900	
	Front parallel dozer – rear stabilizer – lowered				*8900	*8900	7500	*6600	*6600	4850	*5450	*5450	3450	*3700	*3700	2950	
	Front stabilizer – rear stabilizer – lowered				*8900	*8900	*8900	*6600	*6600	5800	*5450	*5450	4100	*3700	*3700	3550	
	Wide axle – front empty – rear parallel dozer – lowered				7450	5500	4750	4800	3600	3150	3400	2550	2200	2950	2200	1900	
1500 mm	Front empty – rear parallel dozer – raised				6900	5050	3850	4550	3350	2650	3300	2450	1900	2850	2100	1600	8280
	Front empty – rear parallel dozer – lowered				6900	*9900	4350	4550	*7100	2950	3250	5300	2150	2800	*3950	1850	
	Front parallel dozer – rear stabilizer – lowered				*9900	*9900	7000	*7100	*7100	4600	*5650	5350	3300	*3950	*3950	2850	
	Front stabilizer – rear stabilizer – lowered				*9900	*9900	8600	*7100	*7100	5550	*5650	5500	4000	*3950	*3950	3400	
	Wide axle – front empty – rear parallel dozer – lowered				6950	5050	4300	4600	3400	2900	3300	2450	2100	2850	2100	1800	
0 mm	Front empty – rear parallel dozer – raised				6700	4850	3650	4400	3200	2500	3200	2350	1800	2900	2100	1650	8080
	Front empty – rear parallel dozer – lowered				6650	*9900	4150	4400	*7200	2800	3200	5200	2050	2850	*4400	1850	
	Front parallel dozer – rear stabilizer – lowered				*9900	*9900	6750	*7200	*7200	4450	*5550	5250	3250	*4400	*4400	2900	
	Front stabilizer – rear stabilizer – lowered				*9900	*9900	8350	*7200	*7200	5400	*5550	5400	3900	*4400	*4400	3500	
	Wide axle – front empty – rear parallel dozer – lowered				6750	4850	4100	4450	3250	2800	3250	2350	2050	2900	2100	1850	
-1500 mm	Front empty – rear parallel dozer – raised	*8700	*8700	6750	6650	4800	3650	4350	3150	2450	3200	2350	1800	3150	2300	1800	7570
	Front empty – rear parallel dozer – lowered	*8700	*8700	7800	6600	*9050	4150	4300	*6800	2750	3200	*4950	2050	3150	*4850	2050	
	Front parallel dozer – rear stabilizer – lowered	*8700	*8700	*8700	*9050	*9050	6750	*6800	*6800	4400	*4950	*4950	3250	*4850	*4850	3200	
	Front stabilizer – rear stabilizer – lowered	*8700	*8700	*8700	*9050	*9050	8300	*6800	*6800	5300	*4950	*4950	3900	*4850	*4850	3850	
	Wide axle – front empty – rear parallel dozer – lowered	*8700	*8700	7700	6700	4800	4050	4350	3200	2750	3200	2350	2000	3200	2300	2000	
-3000 mm	Front empty – rear parallel dozer – raised	*9400	*9400	6900	6750	4900	3700	4400	3200	2500				3800	2800	2200	6680
	Front empty – rear parallel dozer – lowered	*9400	*9400	8000	6700	*7450	4200	4400	*5500	2800				3800	*4500	2450	
	Front parallel dozer – rear stabilizer – lowered	*9400	*9400	*9400	*7450	*7450	6850	*5500	*5500	4450				*4500	*4500	3850	
	Front stabilizer – rear stabilizer – lowered	*9400	*9400	*9400	*7450	*7450	*7450	*5500	*5500	5400				*4500	*4500	*4500	
	Wide axle – front empty – rear parallel dozer – lowered	*9400	*9400	7850	6800	4900	4150	4450	3250	2800				3850	2800	2450	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,940 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	10 ft			15 ft			20 ft			25 ft			Load at maximum reach			
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	ft
	Front empty – rear parallel dozer – raised													*9,200	*9,200	7,600	
	Front empty – rear parallel dozer – lowered													*9,200	*9,200	8,400	
25 ft	Front parallel dozer – rear stabilizer – lowered													*9,200	*9,200	*9,200	18.80
	Front stabilizer – rear stabilizer – lowered													*9,200	*9,200	*9,200	
	Wide axle – front empty – rear parallel dozer – lowered													*9,200	*9,200	8,300	
	Front empty – rear parallel dozer – raised							11,200	8,600	6,900				*8,300	6,600	5,300	
	Front empty – rear parallel dozer – lowered							11,100	*12,200	7,600				*8,300	*8,300	5,900	
20 ft	Front parallel dozer – rear stabilizer – lowered							*12,200	*12,200	11,300				*8,300	*8,300	*8,300	23.00
	Front stabilizer – rear stabilizer – lowered							*12,200	*12,200	*12,200				*8,300	*8,300	*8,300	
	Wide axle – front empty – rear parallel dozer – lowered							11,200	8,600	7,500				*8,300	6,600	5,800	
	Front empty – rear parallel dozer – raised				*15,900	13,100	10,400	10,800	8,300	6,600	7,500	5,600	4,500	7,200	5,400	4,300	
	Front empty – rear parallel dozer – lowered				*15,900	*15,900	11,500	10,800	*13,000	7,300	7,500	*10,400	5,000	7,200	*8,000	4,800	
15 ft	Front parallel dozer – rear stabilizer – lowered				*15,900	*15,900	*15,900	*13,000	*13,000	11,000	*10,400	*10,400	7,600	*8,000	*8,000	7,300	25.52
	Front stabilizer – rear stabilizer – lowered				*15,900	*15,900	*15,900	*13,000	*13,000	*13,000	*10,400	*10,400	9,000	*8,000	*8,000	*8,000	
	Wide axle – front empty – rear parallel dozer – lowered				*15,900	13,100	11,400	10,900	8,300	7,300	7,500	5,600	4,900	7,300	5,400	4,700	
	Front empty – rear parallel dozer – raised				16,000	11,900	9,300	10,300	7,800	6,100	7,300	5,500	4,300	6,500	4,800	3,800	
	Front empty – rear parallel dozer – lowered				15,900	*19,100	10,400	10,300	*14,300	6,900	7,300	11,600	4,800	6,500	*8,200	4,200	
10 ft	Front parallel dozer – rear stabilizer – lowered				*19,100	*19,100	16,200	*14,300	*14,300	10,400	*11,900	11,800	7,400	*8,200	*8,200	6,600	26.84
	Front stabilizer – rear stabilizer – lowered				*19,100	*19,100	*19,100	*14,300	*14,300	12,500	*11,900	*11,900	8,800	*8,200	*8,200	7,800	
	Wide axle – front empty – rear parallel dozer – lowered				16,100	11,900	10,300	10,400	7,800	6,800	7,400	5,500	4,800	6,500	4,800	4,200	
	Front empty – rear parallel dozer – raised				14,900	10,900	8,300	9,800	7,300	5,700	7,100	5,200	4,100	6,200	4,600	3,600	
	Front empty – rear parallel dozer – lowered				14,800	*21,400	9,400	9,800	*15,400	6,400	7,000	11,400	4,600	6,200	*8,700	4,000	
5 ft	Front parallel dozer – rear stabilizer – lowered				*21,400	*21,400	15,100	*15,400	*15,400	9,900	*12,200	11,500	7,100	*8,700	*8,700	6,300	27.17
	Front stabilizer – rear stabilizer – lowered				*21,400	*21,400	18,500	*15,400	*15,400	11,900	*12,200	11,800	8,600	*8,700	*8,700	7,500	
	Wide axle – front empty – rear parallel dozer – lowered				15,000	10,900	9,300	9,900	7,300	6,300	7,100	5,200	4,500	6,300	4,600	4,000	
	Front empty – rear parallel dozer – raised				14,400	10,400	7,900	9,500	6,900	5,400	6,900	5,100	3,900	6,400	4,700	3,600	
	Front empty – rear parallel dozer – lowered				14,300	*21,400	9,000	9,400	*15,600	6,100	6,900	11,200	4,400	6,300	*9,700	4,100	
0 ft	Front parallel dozer – rear stabilizer – lowered				*21,400	*21,400	14,600	*15,600	*15,600	9,600	*12,000	11,400	7,000	*9,700	*9,700	6,400	26.51
	Front stabilizer – rear stabilizer – lowered				*21,400	*21,400	18,000	*15,600	*15,600	11,600	*12,000	11,600	8,400	*9,700	*9,700	7,700	
	Wide axle – front empty – rear parallel dozer – lowered				14,500	10,400	8,800	9,500	7,000	6,000	7,000	5,100	4,400	6,400	4,700	4,000	
	Front empty – rear parallel dozer – raised	*19,800	*19,800	14,500	14,300	10,300	7,800	9,400	6,800	5,300				7,000	5,100	4,000	
	Front empty – rear parallel dozer – lowered	*19,800	*19,800	16,800	14,200	*19,700	8,900	9,300	*14,700	6,000				6,900	*10,700	4,500	
–5 ft	Front parallel dozer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*19,700	*19,700	14,500	*14,700	*14,700	9,500				*10,700	*10,700	7,000	24.80
	Front stabilizer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*19,700	*19,700	17,900	*14,700	*14,700	11,500				*10,700	*10,700	8,500	
	Wide axle – front empty – rear parallel dozer – lowered	*19,800	*19,800	16,500	14,400	10,400	8,800	9,400	6,900	5,900				7,000	5,100	4,400	
	Front empty – rear parallel dozer – raised	*20,400	*20,400	14,900	14,500	10,500	8,000	9,500	7,000	5,400				8,500	6,200	4,800	
	Front empty – rear parallel dozer – lowered	*20,400	*20,400	17,100	14,400	*16,100	9,100	9,400	*11,800	6,100				8,400	*9,900	5,500	
–10 ft	Front parallel dozer – rear stabilizer – lowered	*20,400	*20,400	*20,400	*16,100	*16,100	14,700	*11,800	*11,800	9,600				*9,900	*9,900	8,600	21.78
	Front stabilizer – rear stabilizer – lowered	*20,400	*20,400	*20,400	*16,100	*16,100	*16,100	*11,800	*11,800	11,600				*9,900	*9,900	*9,900	
	Wide axle – front empty – rear parallel dozer – lowered	*20,400	*20,400	16,800	14,600	10,500	8,900	9,600	7,000	6,000				8,500	6,300	5,400	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom 2900 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 3600 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach			mm
		Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	
7500 mm	Front empty – rear parallel dozer – raised							*4600	4050	3250				*3400	*3400	2900	6390
	Front empty – rear parallel dozer – lowered							*4600	*4600	3600				*3400	*3400	3200	
	Front parallel dozer – rear stabilizer – lowered							*4600	*4600	*4600				*3400	*3400	*3400	
	Front stabilizer – rear stabilizer – lowered							*4600	*4600	*4600				*3400	*3400	*3400	
	Wide axle – front empty – rear parallel dozer – lowered							*4600	4050	3550				*3400	*3400	3150	
6000 mm	Front empty – rear parallel dozer – raised							*5250	4050	3250	*3200	2700	2150	*3150	2700	2150	7510
	Front empty – rear parallel dozer – lowered							*5250	*5250	3600	*3200	*3200	2400	*3150	*3150	2400	
	Front parallel dozer – rear stabilizer – lowered							*5250	*5250	*5250	*3200	*3200	*3200	*3150	*3150	*3150	
	Front stabilizer – rear stabilizer – lowered							*5250	*5250	*5250	*3200	*3200	*3200	*3150	*3150	*3150	
	Wide axle – front empty – rear parallel dozer – lowered							*5250	4050	3550	*3200	2700	2350	*3150	2700	2350	
4500 mm	Front empty – rear parallel dozer – raised							5100	3900	3100	3550	2650	2100	3000	2250	1750	8210
	Front empty – rear parallel dozer – lowered							5050	*5700	3450	3500	*5050	2350	3000	*3050	2000	
	Front parallel dozer – rear stabilizer – lowered							*5700	*5700	5150	*5050	*5050	3550	*3050	*3050	3050	
	Front stabilizer – rear stabilizer – lowered							*5700	*5700	*5700	*5050	*5050	4250	*3050	*3050	*3050	
	Wide axle – front empty – rear parallel dozer – lowered							5100	3900	3400	3550	2650	2350	3000	2250	1950	
3000 mm	Front empty – rear parallel dozer – raised				7550	5600	4400	4850	3650	2900	3400	2550	2000	2750	2000	1550	8570
	Front empty – rear parallel dozer – lowered				7500	*8450	4900	4800	*6350	3200	3400	*5300	2250	2700	*3100	1750	
	Front parallel dozer – rear stabilizer – lowered				*8450	*8450	7650	*6350	*6350	4900	*5300	*5300	3450	*3100	*3100	2750	
	Front stabilizer – rear stabilizer – lowered				*8450	*8450	*8450	*6350	*6350	5850	*5300	*5300	4100	*3100	*3100	*3100	
	Wide axle – front empty – rear parallel dozer – lowered				7600	5650	4850	4850	3650	3150	3450	2550	2250	2750	2000	1750	
1500 mm	Front empty – rear parallel dozer – raised				7000	5100	3900	4550	3400	2650	3300	2450	1900	2650	1900	1500	8660
	Front empty – rear parallel dozer – lowered				6950	*9650	4400	4550	*6950	2950	3250	5300	2150	2600	*3300	1700	
	Front parallel dozer – rear stabilizer – lowered				*9650	*9650	7050	*6950	*6950	4600	*5550	5350	3300	*3300	*3300	2650	
	Front stabilizer – rear stabilizer – lowered				*9650	*9650	8700	*6950	*6950	5550	*5550	5500	4000	*3300	*3300	3200	
	Wide axle – front empty – rear parallel dozer – lowered				7000	5100	4350	4600	3400	2950	3300	2450	2100	2650	1950	1650	
0 mm	Front empty – rear parallel dozer – raised				6700	4800	3650	4400	3200	2450	3200	2350	1800	2650	1950	1500	8470
	Front empty – rear parallel dozer – lowered				6650	*9950	4150	4350	*7200	2800	3150	5200	2050	2650	*3650	1700	
	Front parallel dozer – rear stabilizer – lowered				*9950	*9950	6750	*7200	*7200	4450	*5600	5250	3200	*3650	*3650	2700	
	Front stabilizer – rear stabilizer – lowered				*9950	*9950	8350	*7200	*7200	5350	*5600	5400	3850	*3650	*3650	3250	
	Wide axle – front empty – rear parallel dozer – lowered				6750	4850	4100	4400	3200	2750	3200	2350	2000	2700	1950	1700	
-1500 mm	Front empty – rear parallel dozer – raised	*8300	*8300	6600	6600	4750	3550	4300	3150	2400	3150	2300	1750	2900	2100	1600	7980
	Front empty – rear parallel dozer – lowered	*8300	*8300	7650	6550	*9350	4100	4300	*6900	2700	3150	5150	2000	2900	*4250	1850	
	Front parallel dozer – rear stabilizer – lowered	*8300	*8300	*8300	*9350	*9350	6700	*6900	*6900	4350	*5200	5200	3200	*4250	*4250	2900	
	Front stabilizer – rear stabilizer – lowered	*8300	*8300	*8300	*9350	*9350	8250	*6900	*6900	5300	*5200	*5200	3850	*4250	*4250	3500	
	Wide axle – front empty – rear parallel dozer – lowered	*8300	*8300	7500	6650	4750	4000	4350	3150	2700	3150	2300	2000	2900	2100	1800	
-3000 mm	Front empty – rear parallel dozer – raised	*10 600	9450	6750	6650	4800	3600	4350	3150	2400				3400	2500	1950	7140
	Front empty – rear parallel dozer – lowered	*10 600	*10 600	7800	6650	*7950	4150	4300	*5950	2750				3400	*4400	2200	
	Front parallel dozer – rear stabilizer – lowered	*10 600	*10 600	*10 600	*7950	*7950	6750	*5950	*5950	4400				*4400	*4400	3450	
	Front stabilizer – rear stabilizer – lowered	*10 600	*10 600	*10 600	*7950	*7950	*7950	*5950	*5950	5300				*4400	*4400	4150	
	Wide axle – front empty – rear parallel dozer – lowered	*10 600	9450	7700	6700	4800	4050	4350	3150	2700				3450	2500	2150	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom 9'6" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 7,940 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	10 ft Front	10 ft Rear	10 ft Side	15 ft Front	15 ft Rear	15 ft Side	20 ft Front	20 ft Rear	20 ft Side	25 ft Front	25 ft Rear	25 ft Side	Max. reach Front	Max. reach Rear	Max. reach Side	ft
25 ft	Front empty – rear parallel dozer – raised							*9,100	8,600	7,000				*7,600	*7,600	6,600	20.57
	Front empty – rear parallel dozer – lowered							*9,100	*9,100	7,700				*7,600	*7,600	7,300	
	Front parallel dozer – rear stabilizer – lowered							*9,100	*9,100	*9,100				*7,600	*7,600	*7,600	
	Front stabilizer – rear stabilizer – lowered							*9,100	*9,100	*9,100				*7,600	*7,600	*7,600	
	Wide axle – front empty – rear parallel dozer – lowered							*9,100	8,700	7,600				*7,600	*7,600	7,200	
20 ft	Front empty – rear parallel dozer – raised							11,300	8,700	7,000				*6,900	6,000	4,800	24.48
	Front empty – rear parallel dozer – lowered							11,300	*11,500	7,800				*6,900	*6,900	5,300	
	Front parallel dozer – rear stabilizer – lowered							*11,500	*11,500	11,400				*6,900	*6,900	*6,900	
	Front stabilizer – rear stabilizer – lowered							*11,500	*11,500	*11,500				*6,900	*6,900	*6,900	
	Wide axle – front empty – rear parallel dozer – lowered							11,400	8,700	7,700				*6,900	6,000	5,300	
15 ft	Front empty – rear parallel dozer – raised							11,000	8,400	6,700	7,600	5,700	4,500	6,700	5,000	3,900	26.84
	Front empty – rear parallel dozer – lowered							10,900	*12,300	7,400	7,500	*11,000	5,100	6,600	*6,700	4,400	
	Front parallel dozer – rear stabilizer – lowered							*12,300	*12,300	11,100	*11,000	*11,000	7,600	*6,700	*6,700	6,700	
	Front stabilizer – rear stabilizer – lowered							*12,300	*12,300	*12,300	*11,000	*11,000	9,100	*6,700	*6,700	*6,700	
	Wide axle – front empty – rear parallel dozer – lowered							11,000	8,400	7,400	7,600	5,700	5,000	6,700	5,000	4,300	
10 ft	Front empty – rear parallel dozer – raised				16,300	12,100	9,500	10,400	7,800	6,200	7,300	5,500	4,300	6,000	4,400	3,500	28.12
	Front empty – rear parallel dozer – lowered				16,200	*18,200	10,600	10,400	*13,800	6,900	7,300	*11,500	4,800	6,000	*6,800	3,900	
	Front parallel dozer – rear stabilizer – lowered				*18,200	*18,200	16,400	*13,800	*13,800	10,500	*11,500	*11,500	7,400	*6,800	*6,800	6,100	
	Front stabilizer – rear stabilizer – lowered				*18,200	*18,200	*18,200	*13,800	*13,800	12,600	*11,500	*11,500	8,800	*6,800	*6,800	*6,800	
	Wide axle – front empty – rear parallel dozer – lowered				16,300	12,200	10,500	10,500	7,900	6,800	7,400	5,500	4,800	6,100	4,500	3,900	
5 ft	Front empty – rear parallel dozer – raised				15,000	11,000	8,400	9,900	7,300	5,700	7,100	5,200	4,100	5,800	4,200	3,300	28.41
	Front empty – rear parallel dozer – lowered				15,000	*20,900	9,500	9,800	*15,000	6,400	7,000	11,400	4,600	5,800	*7,200	3,700	
	Front parallel dozer – rear stabilizer – lowered				*20,900	*20,900	15,200	*15,000	*15,000	10,000	*12,000	11,500	7,100	*7,200	*7,200	5,900	
	Front stabilizer – rear stabilizer – lowered				*20,900	*20,900	18,700	*15,000	*15,000	12,000	*12,000	11,800	8,600	*7,200	*7,200	7,000	
	Wide axle – front empty – rear parallel dozer – lowered				15,100	11,000	9,400	9,900	7,300	6,300	7,100	5,200	4,500	5,800	4,300	3,700	
0 ft	Front empty – rear parallel dozer – raised				14,400	10,400	7,900	9,500	6,900	5,300	6,900	5,000	3,900	5,900	4,300	3,300	27.79
	Front empty – rear parallel dozer – lowered				14,300	*21,500	9,000	9,400	*15,600	6,000	6,800	11,100	4,400	5,900	*8,000	3,800	
	Front parallel dozer – rear stabilizer – lowered				*21,500	*21,500	14,600	*15,600	*15,600	9,600	*12,100	11,300	6,900	*8,000	*8,000	6,000	
	Front stabilizer – rear stabilizer – lowered				*21,500	*21,500	18,000	*15,600	*15,600	11,600	*12,100	11,600	8,300	*8,000	*8,000	7,200	
	Wide axle – front empty – rear parallel dozer – lowered				14,500	10,400	8,800	9,500	6,900	6,000	6,900	5,000	4,300	5,900	4,300	3,700	
–5 ft	Front empty – rear parallel dozer – raised	*18,800	*18,800	14,200	14,200	10,200	7,700	9,300	6,700	5,200	6,800	4,900	3,800	6,400	4,700	3,600	26.15
	Front empty – rear parallel dozer – lowered	*18,800	*18,800	16,400	14,100	*20,300	8,800	9,200	*15,000	5,900	6,800	11,100	4,300	6,400	*9,400	4,100	
	Front parallel dozer – rear stabilizer – lowered	*18,800	*18,800	*18,800	*20,300	*20,300	14,400	*15,000	*15,000	9,400	*11,200	*11,200	6,900	*9,400	*9,400	6,500	
	Front stabilizer – rear stabilizer – lowered	*18,800	*18,800	*18,800	*20,300	*20,300	17,800	*15,000	*15,000	11,400	*11,200	*11,200	8,300	*9,400	*9,400	7,800	
	Wide axle – front empty – rear parallel dozer – lowered	*18,800	*18,800	16,100	14,300	10,200	8,700	9,300	6,800	5,800	6,800	5,000	4,300	6,400	4,700	4,000	
–10 ft	Front empty – rear parallel dozer – raised	*22,900	20,200	14,500	14,300	10,300	7,800	9,300	6,800	5,200				7,600	5,600	4,300	23.33
	Front empty – rear parallel dozer – lowered	*22,900	*22,900	16,800	14,300	*17,200	8,900	9,300	*12,700	5,900				7,600	*9,700	4,900	
	Front parallel dozer – rear stabilizer – lowered	*22,900	*22,900	*22,900	*17,200	*17,200	14,500	*12,700	*12,700	9,400				*9,700	*9,700	7,700	
	Front stabilizer – rear stabilizer – lowered	*22,900	*22,900	*22,900	*17,200	*17,200	*17,200	*12,700	*12,700	11,400				*9,700	*9,700	9,200	
	Wide axle – front empty – rear parallel dozer – lowered	*22,900	20,300	16,500	14,400	10,400	8,800	9,400	6,800	5,900				7,600	5,600	4,800	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M320 Wheeled Excavator Specifications

Lift Capacities – One-Piece Boom 2500 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4200 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) — Load over front — Load over rear — Load over side — Load point height

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach			
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	mm
	Front empty – rear parallel dozer – raised													*4150	*4150	3600	
	Front empty – rear parallel dozer – lowered													*4150	*4150	4000	
7500 mm	Front parallel dozer – rear stabilizer – lowered													*4150	*4150	*4150	5860
	Front stabilizer – rear stabilizer – lowered													*4150	*4150	*4150	
	Wide axle – front empty – rear parallel dozer – lowered													*4150	*4150	3950	
	Front empty – rear parallel dozer – raised							5550	4350	3500				*3750	3250	2600	
	Front empty – rear parallel dozer – lowered							5550	*5600	3850				*3750	*3750	2900	
6000 mm	Front parallel dozer – rear stabilizer – lowered							*5600	*5600	*5600				*3750	*3750	*3750	7070
	Front stabilizer – rear stabilizer – lowered							*5600	*5600	*5600				*3750	*3750	*3750	
	Wide axle – front empty – rear parallel dozer – lowered							*5600	4350	3800				*3750	3250	2850	
	Front empty – rear parallel dozer – raised				*7350	6550	5200	5400	4150	3350	3750	2900	2300	3500	2700	2150	
	Front empty – rear parallel dozer – lowered				*7350	*7350	5800	5400	*6000	3700	3750	*5250	2550	3500	*3650	2400	
4500 mm	Front parallel dozer – rear stabilizer – lowered				*7350	*7350	*7350	*6000	*6000	5450	*5250	*5250	3800	*3650	*3650	3550	7810
	Front stabilizer – rear stabilizer – lowered				*7350	*7350	*7350	*6000	*6000	*6000	*5250	*5250	4500	*3650	*3650	*3650	
	Wide axle – front empty – rear parallel dozer – lowered				*7350	6600	5700	5450	4200	3650	3800	2900	2550	3550	2700	2350	
	Front empty – rear parallel dozer – raised				7950	6000	4700	5150	3950	3150	3700	2800	2200	3200	2400	1900	
	Front empty – rear parallel dozer – lowered				7950	*8900	5250	5150	*6600	3500	3650	*5450	2500	3200	*3700	2150	
3000 mm	Front parallel dozer – rear stabilizer – lowered				*8900	*8900	8050	*6600	*6600	5200	*5450	*5450	3700	*3700	*3700	3200	8190
	Front stabilizer – rear stabilizer – lowered				*8900	*8900	*8900	*6600	*6600	6200	*5450	*5450	4400	*3700	*3700	*3700	
	Wide axle – front empty – rear parallel dozer – lowered				8000	6000	5200	5200	3950	3450	3700	2800	2450	3200	2400	2100	
	Front empty – rear parallel dozer – raised				7450	5550	4250	4950	3700	2900	3550	2700	2100	3100	2300	1800	
	Front empty – rear parallel dozer – lowered				7450	*9900	4800	4900	*7100	3250	3550	*5650	2350	3050	*3950	2050	
1500 mm	Front parallel dozer – rear stabilizer – lowered				*9900	*9900	7550	*7100	*7100	5000	*5650	*5650	3600	*3950	*3950	3100	8280
	Front stabilizer – rear stabilizer – lowered				*9900	*9900	9250	*7100	*7100	5950	*5650	*5650	4300	*3950	*3950	3700	
	Wide axle – front empty – rear parallel dozer – lowered				7500	5550	4750	4950	3700	3250	3600	2700	2350	3100	2300	2000	
	Front empty – rear parallel dozer – raised				7250	5300	4050	4750	3550	2800	3500	2600	2050	3150	2350	1850	
	Front empty – rear parallel dozer – lowered				7200	*9900	4600	4750	*7200	3100	3450	*5550	2300	3150	*4400	2050	
0 mm	Front parallel dozer – rear stabilizer – lowered				*9900	*9900	7350	*7200	*7200	4800	*5550	*5550	3500	*4400	*4400	3150	8080
	Front stabilizer – rear stabilizer – lowered				*9900	*9900	9000	*7200	*7200	5800	*5550	*5550	4200	*4400	*4400	3800	
	Wide axle – front empty – rear parallel dozer – lowered				7300	5350	4550	4800	3550	3100	3500	2600	2250	3150	2350	2050	
	Front empty – rear parallel dozer – raised	*8700	*8700	7500	7200	5300	4050	4700	3500	2750	3450	2600	2050	3450	2550	2000	
	Front empty – rear parallel dozer – lowered	*8700	*8700	8600	7200	*9050	4550	4700	*6800	3050	3450	*4950	2300	3400	*4850	2250	
-1500 mm	Front parallel dozer – rear stabilizer – lowered	*8700	*8700	*8700	*9050	*9050	7300	*6800	*6800	4750	*4950	*4950	3500	*4850	*4850	3450	7570
	Front stabilizer – rear stabilizer – lowered	*8700	*8700	*8700	*9050	*9050	8950	*6800	*6800	5750	*4950	*4950	4200	*4850	*4850	4150	
	Wide axle – front empty – rear parallel dozer – lowered	*8700	*8700	8450	7250	5300	4500	4750	3500	3050	3500	2600	2250	3450	2550	2250	
	Front empty – rear parallel dozer – raised	*9400	*9400	7650	7300	5400	4100	4750	3550	2800				4150	3100	2450	
	Front empty – rear parallel dozer – lowered	*9400	*9400	8750	7250	*7450	4650	4750	*5500	3100				4100	*4500	2750	
-3000 mm	Front parallel dozer – rear stabilizer – lowered	*9400	*9400	*9400	*7450	*7450	7400	*5500	*5500	4800				*4500	*4500	4200	6680
	Front stabilizer – rear stabilizer – lowered	*9400	*9400	*9400	*7450	*7450	*7450	*5500	*5500	*5500				*4500	*4500	*4500	
	Wide axle – front empty – rear parallel dozer – lowered	*9400	*9400	8600	7350	5400	4600	4800	3550	3100				4150	3100	2700	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom 8'2" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 9,260 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

		10 ft			15 ft			20 ft			25 ft						
	Undercarriage configuration	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	Front	Rear	Side	ft
	Front empty – rear parallel dozer – raised													*9,200	*9,200	8,300	
	Front empty – rear parallel dozer – lowered													*9,200	*9,200	9,100	
25 ft	Front parallel dozer – rear stabilizer – lowered													*9,200	*9,200	*9,200	18.80
	Front stabilizer – rear stabilizer – lowered													*9,200	*9,200	*9,200	
	Wide axle – front empty – rear parallel dozer – lowered													*9,200	*9,200	9,000	
	Front empty – rear parallel dozer – raised							12,000	9,300	7,500				*8,300	7,200	5,800	
	Front empty – rear parallel dozer – lowered							11,900	*12,200	8,300				*8,300	*8,300	6,400	
20 ft	Front parallel dozer – rear stabilizer – lowered							*12,200	*12,200	12,100				*8,300	*8,300	*8,300	23.00
	Front stabilizer – rear stabilizer – lowered							*12,200	*12,200	*12,200				*8,300	*8,300	*8,300	
	Wide axle – front empty – rear parallel dozer – lowered							12,000	9,300	8,200				*8,300	7,200	6,400	
	Front empty – rear parallel dozer – raised				*15,900	14,200	11,300	11,700	9,000	7,200	8,100	6,200	5,000	7,800	5,900	4,800	
	Front empty – rear parallel dozer – lowered				*15,900	*15,900	12,500	11,600	*13,000	8,000	8,100	*10,400	5,500	7,800	*8,000	5,300	
15 ft	Front parallel dozer – rear stabilizer – lowered				*15,900	*15,900	*15,900	*13,000	*13,000	11,800	*10,400	*10,400	8,200	*8,000	*8,000	7,900	25.52
	Front stabilizer – rear stabilizer – lowered				*15,900	*15,900	*15,900	*13,000	*13,000	*13,000	*10,400	*10,400	9,700	*8,000	*8,000	*8,000	
	Wide axle – front empty – rear parallel dozer – lowered				*15,900	14,200	12,400	11,700	9,000	7,900	8,100	6,200	5,400	7,800	6,000	5,200	
	Front empty – rear parallel dozer – raised				17,200	13,000	10,200	11,100	8,500	6,800	7,900	6,000	4,800	7,000	5,300	4,200	
	Front empty – rear parallel dozer – lowered				17,100	*19,100	11,400	11,100	*14,300	7,500	7,900	*11,900	5,300	7,000	*8,200	4,700	
10 ft	Front parallel dozer – rear stabilizer – lowered				*19,100	*19,100	17,400	*14,300	*14,300	11,200	*11,900	*11,900	8,000	*8,200	*8,200	7,100	26.84
	Front stabilizer – rear stabilizer – lowered				*19,100	*19,100	*19,100	*14,300	*14,300	13,400	*11,900	*11,900	9,500	*8,200	*8,200	*8,200	
	Wide axle – front empty – rear parallel dozer – lowered				17,300	13,000	11,200	11,200	8,500	7,400	8,000	6,000	5,300	7,100	5,300	4,700	
	Front empty – rear parallel dozer – raised				16,100	11,900	9,200	10,600	8,000	6,300	7,700	5,800	4,600	6,800	5,100	4,000	
	Front empty – rear parallel dozer – lowered				16,000	*21,400	10,400	10,600	*15,400	7,100	7,600	12,200	5,100	6,700	*8,700	4,500	
5 ft	Front parallel dozer – rear stabilizer – lowered				*21,400	*21,400	16,300	*15,400	*15,400	10,700	*12,200	*12,200	7,800	*8,700	*8,700	6,800	27.17
	Front stabilizer – rear stabilizer – lowered				*21,400	*21,400	19,900	*15,400	*15,400	12,800	*12,200	*12,200	9,200	*8,700	*8,700	8,100	
	Wide axle – front empty – rear parallel dozer – lowered				16,200	12,000	10,200	10,700	8,000	7,000	7,700	5,800	5,100	6,800	5,100	4,400	
	Front empty – rear parallel dozer – raised				15,600	11,500	8,800	10,300	7,700	6,000	7,500	5,600	4,400	6,900	5,200	4,100	
	Front empty – rear parallel dozer – lowered				15,500	*21,400	9,900	10,200	*15,600	6,700	7,500	12,000	5,000	6,900	*9,700	4,600	
0 ft	Front parallel dozer – rear stabilizer – lowered				*21,400	*21,400	15,800	*15,600	*15,600	10,400	*12,000	*12,000	7,600	*9,700	*9,700	7,000	26.51
	Front stabilizer – rear stabilizer – lowered				*21,400	*21,400	19,300	*15,600	*15,600	12,500	*12,000	*12,000	9,100	*9,700	*9,700	8,300	
	Wide axle – front empty – rear parallel dozer – lowered				15,700	11,500	9,800	10,300	7,700	6,700	7,600	5,600	4,900	7,000	5,200	4,500	
	Front empty – rear parallel dozer – raised	*19,800	*19,800	16,100	15,500	11,400	8,700	10,200	7,600	5,900				7,600	*5,700	4,400	
	Front empty – rear parallel dozer – lowered	*19,800	*19,800	18,500	15,400	*19,700	9,900	10,100	*14,700	6,600				7,500	*10,700	5,000	
–5 ft	Front parallel dozer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*19,700	*19,700	15,700	*14,700	*14,700	10,300				*10,700	*10,700	7,700	24.80
	Front stabilizer – rear stabilizer – lowered	*19,800	*19,800	*19,800	*19,700	*19,700	19,200	*14,700	*14,700	12,400				*10,700	*10,700	9,100	
	Wide axle – front empty – rear parallel dozer – lowered	*19,800	*19,800	18,200	15,600	11,400	9,700	10,200	7,600	6,500				7,600	5,700	4,900	
	Front empty – rear parallel dozer – raised	*20,400	*20,400	16,400	15,700	11,600	8,900	10,300	7,700	6,000				9,200	6,900	5,400	
	Front empty – rear parallel dozer – lowered	*20,400	*20,400	18,800	15,600	*16,100	10,000	10,300	*11,800	6,700				9,200	*9,900	6,100	
–10 ft	Front parallel dozer – rear stabilizer – lowered	*20,400	*20,400	*20,400	*16,100	*16,100	15,900	*11,800	*11,800	10,400				*9,900	*9,900	9,300	21.78
	Front stabilizer – rear stabilizer – lowered	*20,400	*20,400	*20,400	*16,100	*16,100	*16,100	*11,800	*11,800	*11,800				*9,900	*9,900	*9,900	
	Wide axle – front empty – rear parallel dozer – lowered	*20,400	*20,400	18,500	15,800	11,600	9,900	10,400	7,700	6,700				9,300	6,900	6,000	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

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Lift Capacities – One-Piece Boom 2900 mm Stick

All values are in kg, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 4200 kg, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	3000 mm			4500 mm			6000 mm			7500 mm			Load at maximum reach			mm
		Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	Load over front	Load over rear	Load over side	
	Front empty – rear parallel dozer – raised							*4600	4400	3550				*3400	*3400	3150	
	Front empty – rear parallel dozer – lowered							*4600	*4600	3900				*3400	*3400	*3400	
7500 mm	Front parallel dozer – rear stabilizer – lowered							*4600	*4600	*4600				*3400	*3400	*3400	6390
	Front stabilizer – rear stabilizer – lowered							*4600	*4600	*4600				*3400	*3400	*3400	
	Wide axle – front empty – rear parallel dozer – lowered							*4600	4400	3900				*3400	*3400	*3400	
	Front empty – rear parallel dozer – raised							*5250	4400	3550	*3200	2950	2350	*3150	2950	2350	
	Front empty – rear parallel dozer – lowered							*5250	*5250	3900	*3200	*3200	2600	*3150	*3150	2600	
6000 mm	Front parallel dozer – rear stabilizer – lowered							*5250	*5250	*5250	*3200	*3200	*3200	*3150	*3150	*3150	7510
	Front stabilizer – rear stabilizer – lowered							*5250	*5250	*5250	*3200	*3200	*3200	*3150	*3150	*3150	
	Wide axle – front empty – rear parallel dozer – lowered							*5250	4400	3900	*3200	2950	2600	*3150	2950	2600	
	Front empty – rear parallel dozer – raised							5450	4200	3400	3800	2900	2350	*3050	2450	1950	
	Front empty – rear parallel dozer – lowered							5450	*5700	3750	3800	*5050	2600	*3050	*3050	2200	
4500 mm	Front parallel dozer – rear stabilizer – lowered							*5700	*5700	5500	*5050	*5050	3850	*3050	*3050	*3050	8210
	Front stabilizer – rear stabilizer – lowered							*5700	*5700	*5700	*5050	*5050	4550	*3050	*3050	*3050	
	Wide axle – front empty – rear parallel dozer – lowered							5500	4250	3700	3850	2900	2550	*3050	2450	2150	
	Front empty – rear parallel dozer – raised				8100	6100	4800	5200	3950	3150	3700	2800	2250	2950	2250	1750	
	Front empty – rear parallel dozer – lowered				8050	*8450	5350	5200	*6350	3500	3700	*5300	2500	2950	*3100	1950	
3000 mm	Front parallel dozer – rear stabilizer – lowered				*8450	*8450	8200	*6350	*6350	5250	*5300	*5300	3750	*3100	*3100	3000	8570
	Front stabilizer – rear stabilizer – lowered				*8450	*8450	*8450	*6350	*6350	6250	*5300	*5300	4400	*3100	*3100	*3100	
	Wide axle – front empty – rear parallel dozer – lowered				8150	6150	5300	5250	4000	3500	3700	2800	2450	3000	2250	1950	
	Front empty – rear parallel dozer – raised				7550	5600	4300	4950	3750	2950	3550	2700	2100	2850	2150	1700	
	Front empty – rear parallel dozer – lowered				7500	*9650	4850	4900	*6950	3300	3550	*5550	2350	2850	*3300	1900	
1500 mm	Front parallel dozer – rear stabilizer – lowered				*9650	*9650	7600	*6950	*6950	5000	*5550	*5550	3600	*3300	*3300	2900	8660
	Front stabilizer – rear stabilizer – lowered				*9650	*9650	9300	*6950	*6950	6000	*5550	*5550	4300	*3300	*3300	*3300	
	Wide axle – front empty – rear parallel dozer – lowered				7600	5600	4800	4950	3750	3250	3600	2700	2350	2900	2150	1850	
	Front empty – rear parallel dozer – raised				7250	5300	4050	4750	3550	2750	3450	2600	2050	2900	2150	1700	
	Front empty – rear parallel dozer – lowered				7200	*9950	4600	4750	*7200	3100	3450	5550	2300	2900	*3650	1900	
0 mm	Front parallel dozer – rear stabilizer – lowered				*9950	*9950	7350	*7200	*7200	4800	*5600	*5600	3500	*3650	*3650	2950	8470
	Front stabilizer – rear stabilizer – lowered				*9950	*9950	9000	*7200	*7200	5800	*5600	*5600	4200	*3650	*3650	3500	
	Wide axle – front empty – rear parallel dozer – lowered				7300	5350	4550	4800	3550	3050	3500	2600	2250	2950	2200	1900	
	Front empty – rear parallel dozer – raised	*8300	*8300	7350	7150	5250	4000	4700	3450	2700	3450	2550	2000	3150	2350	1850	
	Front empty – rear parallel dozer – lowered	*8300	*8300	*8300	7100	*9350	4500	4650	*6900	3050	3400	*5200	2250	3150	*4250	2050	
–1500 mm	Front parallel dozer – rear stabilizer – lowered	*8300	*8300	*8300	*9350	*9350	7250	*6900	*6900	4750	*5200	*5200	3450	*4250	*4250	3200	7980
	Front stabilizer – rear stabilizer – lowered	*8300	*8300	*8300	*9350	*9350	8900	*6900	*6900	5700	*5200	*5200	4150	*4250	*4250	3800	
	Wide axle – front empty – rear parallel dozer – lowered	*8300	*8300	*8300	7200	5250	4450	4700	3500	3000	3450	2550	2200	3150	2350	2050	
	Front empty – rear parallel dozer – raised	*10 600	10 350	7500	7200	5300	4050	4700	3500	2700				3700	2800	2150	
	Front empty – rear parallel dozer – lowered	*10 600	*10 600	8600	7200	*7950	4550	4700	*5950	3050				3700	*4400	2450	
–3000 mm	Front parallel dozer – rear stabilizer – lowered	*10 600	*10 600	*10 600	*7950	*7950	7300	*5950	*5950	4750				*4400	*4400	3750	7140
	Front stabilizer – rear stabilizer – lowered	*10 600	*10 600	*10 600	*7950	*7950	*7950	*5950	*5950	5700				*4400	*4400	*4400	
	Wide axle – front empty – rear parallel dozer – lowered	*10 600	10 400	8450	7250	5300	4500	4750	3500	3000				3750	2800	2400	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

Lift Capacities – One-Piece Boom 9'6" Stick

All values are in lb, work tool: none, bucket cylinder and bucket linkage installed, counterweight: 9,260 lb, heavy lift function on.

Load at maximum reach (sticknose/bucket pin) | Load over front | Load over rear | Load over side | Load point height

Load point height	Undercarriage configuration	10 ft Front	10 ft Rear	10 ft Side	15 ft Front	15 ft Rear	15 ft Side	20 ft Front	20 ft Rear	20 ft Side	25 ft Front	25 ft Rear	25 ft Side	Max reach Front	Max reach Rear	Max reach Side	ft
	Front empty – rear parallel dozer – raised							*9,100	*9,100	7,600				*7,600	*7,600	7,200	
	Front empty – rear parallel dozer – lowered							*9,100	*9,100	8,400				*7,600	*7,600	*7,600	
25 ft	Front parallel dozer – rear stabilizer – lowered							*9,100	*9,100	*9,100				*7,600	*7,600	*7,600	20.57
	Front stabilizer – rear stabilizer – lowered							*9,100	*9,100	*9,100				*7,600	*7,600	*7,600	
	Wide axle – front empty – rear parallel dozer – lowered							*9,100	*9,100	8,300				*7,600	*7,600	*7,600	
	Front empty – rear parallel dozer – raised							*11,500	9,400	7,600				*6,900	6,600	5,300	
	Front empty – rear parallel dozer – lowered							*11,500	*11,500	8,400				*6,900	*6,900	5,800	
20 ft	Front parallel dozer – rear stabilizer – lowered							*11,500	*11,500	*11,500				*6,900	*6,900	*6,900	24.48
	Front stabilizer – rear stabilizer – lowered							*11,500	*11,500	*11,500				*6,900	*6,900	*6,900	
	Wide axle – front empty – rear parallel dozer – lowered							*11,500	9,400	8,300				*6,900	6,600	5,800	
	Front empty – rear parallel dozer – raised							11,800	9,100	7,300	8,200	6,300	5,000	*6,700	5,500	4,400	
	Front empty – rear parallel dozer – lowered							11,700	*12,300	8,100	8,100	*11,000	5,600	*6,700	*6,700	4,900	
15 ft	Front parallel dozer – rear stabilizer – lowered							*12,300	*12,300	11,900	*11,000	*11,000	8,200	*6,700	*6,700	*6,700	26.84
	Front stabilizer – rear stabilizer – lowered							*12,300	*12,300	*12,300	*11,000	*11,000	9,700	*6,700	*6,700	*6,700	
	Wide axle – front empty – rear parallel dozer – lowered							11,800	9,100	8,000	8,200	6,300	5,500	*6,700	5,500	4,800	
	Front empty – rear parallel dozer – raised				17,400	13,200	10,400	11,200	8,600	6,800	7,900	6,000	4,800	6,600	4,900	3,900	
	Front empty – rear parallel dozer – lowered				17,400	*18,200	11,600	11,200	*13,800	7,600	7,900	*11,500	5,400	6,500	*6,800	4,400	
10 ft	Front parallel dozer – rear stabilizer – lowered				*18,200	*18,200	17,600	*13,800	*13,800	11,300	*11,500	*11,500	8,000	*6,800	*6,800	6,600	28.12
	Front stabilizer – rear stabilizer – lowered				*18,200	*18,200	*18,200	*13,800	*13,800	13,500	*11,500	*11,500	9,500	*6,800	*6,800	*6,800	
	Wide axle – front empty – rear parallel dozer – lowered				17,500	13,200	11,400	11,300	8,600	7,500	8,000	6,100	5,300	6,600	4,900	4,300	
	Front empty – rear parallel dozer – raised				16,200	12,100	9,300	10,700	8,000	6,300	7,700	5,800	4,600	6,300	4,700	3,700	
	Front empty – rear parallel dozer – lowered				16,200	*20,900	10,500	10,600	*15,000	7,100	7,600	*12,000	5,100	6,300	*7,200	4,200	
5 ft	Front parallel dozer – rear stabilizer – lowered				*20,900	*20,900	16,400	*15,000	*15,000	10,800	*12,000	*12,000	7,800	*7,200	*7,200	6,400	28.41
	Front stabilizer – rear stabilizer – lowered				*20,900	*20,900	20,000	*15,000	*15,000	12,900	*12,000	*12,000	9,200	*7,200	*7,200	*7,200	
	Wide axle – front empty – rear parallel dozer – lowered				16,300	12,100	10,400	10,700	8,100	7,000	7,700	5,800	5,000	6,400	4,700	4,100	
	Front empty – rear parallel dozer – raised				15,600	11,500	8,800	10,300	7,700	6,000	7,500	5,600	4,400	6,400	4,800	3,700	
	Front empty – rear parallel dozer – lowered				15,500	*21,500	9,900	10,200	*15,600	6,700	7,400	12,000	4,900	6,400	*8,000	4,200	
0 ft	Front parallel dozer – rear stabilizer – lowered				*21,500	*21,500	15,800	*15,600	*15,600	10,400	*12,100	*12,100	7,500	*8,000	*8,000	6,500	27.79
	Front stabilizer – rear stabilizer – lowered				*21,500	*21,500	19,300	*15,600	*15,600	12,500	*12,100	*12,100	9,000	*8,000	*8,000	7,700	
	Wide axle – front empty – rear parallel dozer – lowered				15,700	11,500	9,800	10,300	7,700	6,600	7,500	5,600	4,800	6,500	4,800	4,200	
	Front empty – rear parallel dozer – raised	*18,800	*18,800	15,800	15,400	11,300	8,600	10,100	7,500	5,800	7,400	5,500	4,300	7,000	5,200	4,100	
	Front empty – rear parallel dozer – lowered	*18,800	*18,800	18,100	15,300	*20,300	9,700	10,000	*15,000	6,500	7,400	*11,200	4,800	6,900	*9,400	4,600	
–5 ft	Front parallel dozer – rear stabilizer – lowered	*18,800	*18,800	*18,800	*20,300	*20,300	15,600	*15,000	*15,000	10,200	*11,200	*11,200	7,500	*9,400	*9,400	7,000	26.15
	Front stabilizer – rear stabilizer – lowered	*18,800	*18,800	*18,800	*20,300	*20,300	19,100	*15,000	*15,000	12,300	*11,200	*11,200	8,900	*9,400	*9,400	8,400	
	Wide axle – front empty – rear parallel dozer – lowered	*18,800	*18,800	17,800	15,500	11,300	9,600	10,100	7,500	6,500	7,400	5,500	4,800	7,000	5,200	4,500	
	Front empty – rear parallel dozer – raised	*22,900	22,200	16,100	15,500	11,400	8,700	10,100	7,500	5,900				8,300	6,200	4,800	
	Front empty – rear parallel dozer – lowered	*22,900	*22,900	18,500	15,500	*17,200	9,900	10,100	*12,700	6,600				8,200	*9,700	5,400	
–10 ft	Front parallel dozer – rear stabilizer – lowered	*22,900	*22,900	*22,900	*17,200	*17,200	15,700	*12,700	*12,700	10,200				*9,700	*9,700	8,300	23.33
	Front stabilizer – rear stabilizer – lowered	*22,900	*22,900	*22,900	*17,200	*17,200	*17,200	*12,700	*12,700	12,300				*9,700	*9,700	*9,700	
	Wide axle – front empty – rear parallel dozer – lowered	*22,900	22,200	18,200	15,600	11,400	9,700	10,200	7,600	6,500				8,300	6,200	5,400	

*Limited by hydraulic rather than tipping load.

Oscillating axle needs to be locked. Weight of all lifting accessories must be subtracted from the lifting capacities. All lift capacities calculated and rated per ISO 10567:2007. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Heavy Lift Function ON. Lifting capacities are based on the machine standing on a firm uniform supporting surface. The load point is the center line of the bucket pivot mounting pin on the stick. Lift capacity is calculated with VA cylinder completely extracted. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

M320 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Europe

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
	mm	in	m³	yd³	kg	lb	%																
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
Pin-On (No Quick Coupler)								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	0.98	1.28	707	1,558	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1300	51	1.07	1.41	736	1,623	100	◇	○	●	●	◇	○	●	●	◇	◇	●	●	X	◇	●	●
	1400	55	1.18	1.54	777	1,713	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
Heavy Duty	900	36	0.68	0.88	628	1,384	100	⊙	●	●	●	⊖	●	●	●	⊖	⊙	●	●	○	⊖	●	●
	1050	42	0.83	1.09	679	1,496	100	⊖	⊖	●	●	○	⊖	●	●	○	⊖	●	●	◇	○	●	●
	1200	48	0.98	1.29	746	1,644	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
Ditch Cleaning Tilt	2000	79	1.23	1.61	1096	2,416	100	X	◇	⊙	●	X	X	⊙	●	X	X	⊙	●	X	X	⊖	●
Maximum load with pin-on (payload + bucket)							kg	1924	2200	3528	4267	1738	1995	3229	3911	1685	1950	3232	3944	1514	1760	2952	3609
							lb	4,242	4,849	7,779	9,406	3,833	4,398	7,119	8,622	3,715	4,299	7,126	8,694	3,337	3,881	6,509	7,957

								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
Pin-On (No Quick Coupler)								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	0.98	1.28	707	1,558	100	◇	○	●	●	◇	○	●	●	◇	◇	●	●	X	◇	●	●
	1300	51	1.07	1.41	736	1,623	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
	1400	55	1.18	1.54	777	1,713	100	X	◇	●	●	X	◇	⊙	●	X	◇	⊙	●	X	X	⊖	●
Heavy Duty	900	36	0.68	0.88	628	1,384	100	⊖	●	●	●	⊖	⊙	●	●	○	⊙	●	●	◇	⊖	●	●
	1050	42	0.83	1.09	679	1,496	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	◇	○	●	●
	1200	48	0.98	1.29	746	1,644	100	◇	○	●	●	◇	◇	●	●	X	◇	●	●	X	◇	●	●
Ditch Cleaning Tilt	2000	79	1.23	1.61	1096	2,416	100	X	X	⊙	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⊙
Maximum load with pin-on (payload + bucket)							kg	1781	2039	3288	3980	1611	1852	3018	3660	1551	1799	3005	3671	1394	1626	2752	3370
							lb	3,926	4,494	7,250	8,775	3,551	4,083	6,654	8,070	3,419	3,966	6,624	8,094	3,073	3,585	6,067	7,430

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
	mm	in	m^3	yd^3	kg	lb	%																
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
With Pin Grabber Coupler								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	0.98	1.28	707	1,558	100	X	◇	●	●	X	◇	●	●	X	X	●	●	X	X	⦿	●
	1300	51	1.07	1.41	736	1,623	100	X	◇	●	●	X	X	⦿	●	X	X	⦿	●	X	X	⊖	●
	1400	55	1.18	1.54	777	1,713	100	X	X	⦿	●	X	X	⦿	●	X	X	⦿	●	X	X	⊖	●
Heavy Duty	900	36	0.68	0.88	628	1,384	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1050	42	0.83	1.09	679	1,496	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
	1200	48	0.98	1.29	746	1,644	100	X	◇	●	●	X	X	●	●	X	X	●	●	X	X	⦿	●
Ditch Cleaning Tilt	2000	79	1.23	1.61	1096	2,416	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	○	⊖
Maximum load with pin-on (payload + bucket)							kg	1503	1778	3107	3845	1317	1573	2808	3489	1263	1528	2811	3522	1092	1339	2531	3188
							lb	3,313	3,920	6,849	8,477	2,903	3,468	6,190	7,693	2,786	3,369	6,197	7,764	2,407	2,951	5,579	7,027

								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
With Pin Grabber Coupler								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	0.98	1.28	707	1,558	100	X	◇	●	●	X	X	⦿	●	X	X	⦿	●	X	X	⊖	●
	1300	51	1.07	1.41	736	1,623	100	X	X	⦿	●	X	X	⦿	●	X	X	⦿	●	X	X	⊖	●
	1400	55	1.18	1.54	777	1,713	100	X	X	⦿	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⦿
Heavy Duty	900	36	0.68	0.88	628	1,384	100	◇	⊖	●	●	X	○	●	●	X	◇	●	●	X	X	●	●
	1050	42	0.83	1.09	679	1,496	100	X	◇	●	●	X	◇	●	●	X	X	●	●	X	X	⦿	●
	1200	48	0.98	1.29	746	1,644	100	X	◇	●	●	X	X	⦿	●	X	X	⦿	●	X	X	⊖	●
Ditch Cleaning Tilt	2000	79	1.23	1.61	1096	2,416	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	◇	⊖
Maximum load with pin-on (payload + bucket)							kg	1359	1617	2867	3559	1189	1430	2597	3239	1129	1377	2583	3250	972	1204	2330	2949
							lb	2,996	3,565	6,320	7,846	2,621	3,154	5,724	7,140	2,490	3,036	5,695	7,164	2,144	2,655	5,137	6,501

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

With CW-30 Coupler	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	750	30	0.49	0.64	475	1,047	100	●	●	●	●	●	●	●	●	⊙	●	●	●	⊖	●	●	●
	900	36	0.62	0.81	534	1,177	100	⊙	●	●	●	⊖	⊙	●	●	○	⊙	●	●	◇	⊖	●	●
	1100	43	0.80	1.04	593	1,307	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1200	48	0.90	1.18	646	1,423	100	◇	○	●	●	◇	○	●	●	X	○	●	●	X	◇	●	●
	1300	51	1.00	1.31	677	1,492	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
	1400	55	1.09	1.43	707	1,558	100	◇	◇	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
General Duty – Leveling Edge	650	25.6	0.47	0.61	506	1,116	100	●	●	●	●	●	●	●	●	⊙	●	●	●	⊖	●	●	●
	800	31	0.56	0.73	548	1,208	100	⊙	●	●	●	⊖	●	●	●	⊖	●	●	●	○	⊖	●	●
	996	39.2	0.70	0.93	631	1,391	100	⊖	⊙	●	●	○	⊖	●	●	◇	⊖	●	●	◇	○	●	●
	1200	47	0.91	1.19	725	1,598	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
	1400	55	1.09	1.43	801	1,766	100	X	◇	●	●	X	X	⊙	●	X	X	⊙	●	X	X	⊙	●
Heavy Duty	1200	48	0.91	1.19	662	1,460	100	◇	○	●	●	◇	○	●	●	X	◇	●	●	X	◇	●	●
	1300	51	1.00	1.31	694	1,529	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
Ditch Cleaning	1800	72	1.24	1.62	660	1,455	100	X	◇	●	●	X	X	⊙	●	X	X	⊙	●	X	X	⊖	●
Ditch Cleaning Tilt	2000	79	1.23	1.61	1,168	2,575	100	X	X	⊖	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⊙
Maximum load with pin-on (payload + bucket)							kg	1649	1924	3253	3991	1463	1719	2954	3635	1409	1674	2957	3668	1238	1485	2677	3334
							lb	3,634	4,241	7,171	8,799	3,225	3,790	6,512	8,014	3,107	3,691	6,518	8,086	2,729	3,273	5,901	7,349

With CW-30 Coupler	Width mm	Width in	Capacity m^3	Capacity yd^3	Weight kg	Weight lb	Fill %	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	750	30	0.49	0.64	475	1,047	100	●	●	●	●	⊙	●	●	●	⊖	●	●	●	○	⊙	●	●
	900	36	0.62	0.81	534	1,177	100	⊖	⊙	●	●	○	⊖	●	●	○	⊖	●	●	◇	○	●	●
	1100	43	0.80	1.04	593	1,307	100	○	⊖	●	●	◇	○	●	●	X	○	●	●	X	◇	●	●
	1200	48	0.90	1.18	646	1,423	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
	1300	51	1.00	1.31	677	1,492	100	X	◇	●	●	X	◇	●	●	X	X	●	●	X	X	⊙	●
	1400	55	1.09	1.43	707	1,558	100	X	◇	●	●	X	X	⊙	●	X	X	⊙	●	X	X	⊖	●
General Duty – Leveling Edge	650	25.6	0.47	0.61	506	1,116	100	●	●	●	●	⊙	●	●	●	⊖	●	●	●	○	⊙	●	●
	800	31	0.56	0.73	548	1,208	100	⊖	●	●	●	○	⊙	●	●	○	⊙	●	●	◇	⊖	●	●
	996	39.2	0.70	0.93	631	1,391	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1200	47	0.91	1.19	725	1,598	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
	1400	55	1.09	1.43	801	1,766	100	X	◇	●	●	X	X	⊙	●	X	X	⊙	●	X	X	⊖	●
Heavy Duty	1200	48	0.91	1.19	662	1,460	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
	1300	51	1.00	1.31	694	1,529	100	X	◇	●	●	X	◇	●	●	X	X	●	●	X	X	⊙	●
Ditch Cleaning	1800	72	1.24	1.62	660	1,455	100	X	◇	⊙	●	X	X	⊖	●	X	X	⊖	●	X	X	⊖	⊙
Ditch Cleaning Tilt	2000	79	1.23	1.61	1,168	2,575	100	X	X	⊖	●	X	X	○	⊙	X	X	○	⊙	X	X	◇	⊖
Maximum load with pin-on (payload + bucket)							kg	1505	1763	3013	3705	1335	1576	2743	3385	1275	1523	2729	3395	1118	1350	2476	3095
							lb	3,318	3,887	6,642	8,167	2,943	3,475	6,046	7,462	2,811	3,358	6,017	7,486	2,465	2,977	5,459	6,823

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⊙ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.
Capacity based on ISO 7451.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

With CW-30S Coupler	Width mm	Width in	Capacity m³	Capacity yd³	Weight kg	Weight lb	Fill %	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	600	36	0.35	0.46	423	932	100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	750	30	0.49	0.64	471	1,038	100	●	●	●	●	●	●	●	●	●	●	●	●	⊖	●	●	●
	900	36	0.63	0.81	534	1,177	100	⊙	●	●	●	⊖	⊙	●	●	⊖	⊙	●	●	○	⊖	●	●
	1100	43	0.80	1.04	593	1,307	100	○	⊙	●	●	○	⊖	●	●	◇	○	●	●	◇	○	●	●
	1200	48	0.91	1.18	646	1,423	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1300	51	1.00	1.31	677	1,492	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	◇	●	●
	1400	55	1.09	1.43	707	1,558	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
Heavy Duty	1200	48	0.90	1.18	663	1,461	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1300	51	1.00	1.31	695	1,531	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
Ditch Cleaning	1800	72	1.14	1.49	664	1,464	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
	2000	78	0.94	1.23	700	1,544	100	◇	○	●	●	◇	○	●	●	X	◇	●	●	X	◇	●	●
Ditch Cleaning Tilt	2000	79	1.23	1.61	1,149	2,533	100	X	X	⊙	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⊙
Maximum load with pin-on (payload + bucket)							kg	1,702	1,978	3,306	4,045	1,516	1,773	3,007	3,689	1,463	1,728	3,010	3,722	1,292	1,538	2,730	3,387
							lb	3,753	4,360	7,290	8,917	3,343	3,909	6,630	8,133	3,226	3,809	6,637	8,205	2,847	3,392	6,019	7,468

With CW-30S Coupler	Width mm	Width in	Capacity m³	Capacity yd³	Weight kg	Weight lb	Fill %	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	600	36	0.35	0.46	423	932	100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	750	30	0.49	0.64	471	1,038	100	●	●	●	●	⊙	●	●	●	⊙	●	●	●	⊖	⊙	●	●
	900	36	0.63	0.81	534	1,177	100	⊖	●	●	●	○	⊙	●	●	○	⊖	●	●	◇	○	●	●
	1100	43	0.80	1.04	593	1,307	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1200	48	0.91	1.18	646	1,423	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
	1300	51	1.00	1.31	677	1,492	100	◇	◇	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
	1400	55	1.09	1.43	707	1,558	100	X	◇	●	●	X	X	⊙	●	X	X	⊙	●	X	X	⊖	●
Heavy Duty	1200	48	0.90	1.18	663	1,461	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
	1300	51	1.00	1.31	695	1,531	100	◇	◇	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
Ditch Cleaning	1800	72	1.14	1.49	664	1,464	100	X	◇	●	●	X	X	⊙	●	X	X	⊙	●	X	X	⊖	●
	2000	78	0.94	1.23	700	1,544	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
Ditch Cleaning Tilt	2000	79	1.23	1.61	1,149	2,533	100	X	X	⊖	●	X	X	○	⊙	X	X	○	⊙	X	X	◇	⊖
Maximum load with pin-on (payload + bucket)							kg	1,559	1,817	3,066	3,758	1,389	1,630	2,796	3,438	1,329	1,577	2,783	3,449	1,172	1,404	2,530	3,148
							lb	3,436	4,005	6,760	8,286	3,062	3,594	6,165	7,580	2,930	3,476	6,135	7,604	2,584	3,095	5,577	6,941

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
	mm	in	m^3	yd^3	kg	lb	%																
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
No Machine Coupler, TRS18 CW30								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	785	1,731	100	X	X	⦿	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⦿
Trenching – General Duty	660	26	0.55	0.72	506	1,116	100	○	⊖	●	●	◇	○	●	●	X	○	●	●	X	◇	●	●
Maximum load with pin-on (payload + bucket)							kg	1165	1441	2769	3508	979	1236	2470	3152	926	1191	2473	3185	755	1001	2193	2850
							lb	2,569	3,176	6,106	7,733	2,159	2,725	5,446	6,949	2,042	2,625	5,453	7,021	1,664	2,208	4,835	6,284
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
No Machine Coupler, TRS18 CW30								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	785	1,731	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	◇	⊖
Trenching – General Duty	660	26	0.55	0.72	506	1,116	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	1022	1280	2529	3221	852	1093	2259	2901	792	1040	2246	2912	635	867	1993	2611
							lb	2,253	2,821	5,577	7,102	1,878	2,410	4,981	6,396	1,746	2,292	4,951	6,420	1,400	1,911	4,393	5,757
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
No Machine Coupler, TRS18 CW30S								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	774	1,706	100	X	X	⦿	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⦿
Trenching – General Duty	600	24	0.55	0.72	496	1,093	100	○	⦿	●	●	◇	⊖	●	●	◇	○	●	●	X	◇	●	●
Maximum load with pin-on (payload + bucket)							kg	1211	1487	2815	3554	1025	1282	2516	3198	972	1237	2519	3231	801	1047	2239	2896
							lb	2,670	3,277	6,207	7,835	2,261	2,826	5,548	7,050	2,143	2,727	5,554	7,122	1,765	2,309	4,937	6,385
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
No Machine Coupler, TRS18 CW30S								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	774	1,706	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	○	⦿
Trenching – General Duty	600	24	0.55	0.72	496	1,093	100	◇	⊖	●	●	X	○	●	●	X	◇	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	1068	1326	2575	3267	898	1139	2305	2947	838	1086	2292	2958	681	913	2039	2657
							lb	2,354	2,922	5,678	7,203	1,979	2,511	5,082	6,498	1,847	2,394	5,053	6,522	1,501	2,013	4,495	5,859

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width mm	Width in	Capacity m³	Capacity yd³	Weight kg	Weight lb	Fill %	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
No Machine Coupler, TRS18 S70								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	798	1,759	100	X	X	⦿	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⦿
Trenching – General Duty	600	24	0.55	0.72	516	1,138	100	○	⦿	●	●	◇	○	●	●	X	○	●	●	X	◇	●	●
Maximum load with pin-on (payload + bucket)							kg	1244	1520	2848	3587	1058	1315	2549	3231	1005	1270	2552	3264	834	1080	2272	2929
							lb	2,743	3,350	6,280	7,907	2,333	2,899	5,620	7,123	2,216	2,800	5,627	7,195	1,838	2,382	5,009	6,458
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
No Machine Coupler, TRS18 S70								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	798	1,759	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	○	⦿
Trenching – General Duty	600	24	0.55	0.72	516	1,138	100	◇	⊖	●	●	X	○	●	●	X	◇	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	1101	1359	2608	3300	931	1172	2338	2980	871	1119	2325	2991	714	946	2072	2690
							lb	2,427	2,995	5,751	7,276	2,052	2,584	5,155	6,570	1,920	2,466	5,125	6,594	1,574	2,086	4,567	5,931
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
CW30, TRS18 CW30								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	785	1,731	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	◇	⊖
Trenching – General Duty	660	26	0.55	0.72	506	1,116	100	X	○	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	953	1229	2557	3296	767	1024	2258	2940	714	979	2261	2973	543	789	1981	2638
							lb	2,102	2,708	5,638	7,266	1,692	2,257	4,979	6,482	1,574	2,158	4,985	6,553	1,196	1,740	4,368	5,816
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
CW30, TRS18 CW30								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	785	1,731	100	X	X	○	●	X	X	○	⦿	X	X	◇	⦿	X	X	◇	⊖
Trenching – General Duty	660	26	0.55	0.72	506	1,116	100	X	◇	●	●	X	X	●	●	X	X	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	810	1,068	2,317	3,009	640	881	2,047	2,689	580	828	2,034	2,700	423	655	1,781	2,399
							lb	1,785	2,354	5,109	6,635	1,410	1,942	4,513	5,929	1,279	1,825	4,484	5,953	932	1,444	3,926	5,290

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⦿ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

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(continued on next page)

Bucket Specifications and Compatibility – Europe *(continued)*

Contact your Cat dealer for special bucket requirements.

	Width (mm)	Width (in)	Capacity (m^3)	Capacity (yd^3)	Weight (kg)	Weight (lb)	Fill (%)	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
CW30S, TRS18 CW30S								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	774	1,706	100	X	X	⊖	●	X	X	○	●	X	X	○	●	X	X	○	⦿
Trenching – General Duty	600	24	0.55	0.72	496	1,093	100	◇	⊖	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	1020	1296	2624	3363	834	1091	2325	3007	781	1046	2328	3040	610	856	2048	2705
							lb	2,249	2,856	5,786	7,413	1,840	2,405	5,126	6,629	1,722	2,306	5,133	6,701	1,344	1,888	4,516	5,964
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
CW30S, TRS18 CW30S								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	774	1,706	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	◇	⊖
Trenching – General Duty	600	24	0.55	0.72	496	1,093	100	X	○	●	●	X	X	●	●	X	X	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	877	1135	2384	3076	707	948	2114	2756	647	895	2101	2767	490	722	1848	2466
							lb	1,933	2,501	5,257	6,782	1,558	2,090	4,661	6,077	1,426	1,973	4,631	6,101	1,080	1,592	4,074	5,438
								Variable Adjustable Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
S70, TRS14 S70								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	798	1,759	100	X	X	⦿	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⦿
Trenching – General Duty	600	24	0.55	0.72	516	1,138	100	◇	⦿	●	●	◇	○	●	●	X	○	●	●	X	◇	●	●
Maximum load with pin-on (payload + bucket)							kg	996	1484	2812	3551	1022	1279	2513	3195	969	1234	2516	3228	798	1044	2236	2893
							lb	2,196	3,271	6,200	7,828	2,254	2,820	5,541	7,044	2,137	2,720	5,548	7,115	1,758	2,302	4,930	6,378
								One-Piece Boom															
								4200 kg (9,259 lb) Counterweight								3600 kg (7,937 lb) Counterweight							
S70, TRS14 S70								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
Grading – General Duty	1800	71	1.10	1.44	798	1,759	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	◇	⊖
Trenching – General Duty	600	24	0.55	0.72	516	1,138	100	◇	⊖	●	●	X	◇	●	●	X	◇	●	●	X	X	●	●
Maximum load with pin-on (payload + bucket)							kg	1065	1323	2572	3264	895	1136	2302	2944	835	1083	2289	2955	678	910	2036	2654
							lb	2,347	2,916	5,671	7,197	1,973	2,505	5,076	6,491	1,841	2,387	5,046	6,515	1,495	2,006	4,488	5,852

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled. Capacity based on ISO 7451.

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Bucket Specifications and Compatibility – North America

Contact your Cat dealer for special bucket requirements.

Pin-On (No Quick Coupler)	Width mm	Width in	Capacity m³	Capacity yd³	Weight kg	Weight lb	Fill %	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								4200 kg (9,259 lb) Counterweight															
								Variable Adjustable Boom								One-Piece Boom							
								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	600	24	0.39	0.50	475	1,048	100	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heavy Duty	900	36	0.68	0.88	626	1,379	100	⦿	●	●	●	⊖	●	●	●	⊖	●	●	●	⊖	⦿	●	●
	1050	42	0.83	1.09	677	1,492	100	⊖	⦿	●	●	○	⊖	●	●	○	⊖	●	●	◇	○	●	●
	1200	48	0.98	1.28	745	1,642	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	◇	◇	●	●
Ditch Cleaning	1500	60	1.01	1.32	651	1,436	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	◇	○	●	●
	1800	72	1.24	1.62	740	1,630	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	◇	⦿	●
Ditch Cleaning Tilt	1500	60	0.90	1.18	954	2,104	100	◇	○	●	●	◇	○	●	●	◇	○	●	●	X	◇	●	●
	1800	72	1.11	1.45	1069	2,357	100	X	◇	●	●	X	X	⦿	●	X	◇	●	●	X	X	⦿	●
	2000	79	1.23	1.61	1137	2,507	100	X	◇	⦿	●	X	X	⊖	●	X	X	⦿	●	X	X	⊖	●
Maximum load with pin-on (payload + bucket)							kg	1924	2200	3528	4267	1738	1995	3229	3911	1781	2039	3288	3980	1611	1852	3018	3660
							lb	4,242	4,849	7,779	9,406	3,833	4,398	7,119	8,622	3,926	4,494	7,250	8,775	3,551	4,083	6,654	8,070

With Pin Grabber Coupler	Width mm	Width in	Capacity m³	Capacity yd³	Weight kg	Weight lb	Fill %	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								4200 kg (9,259 lb) Counterweight															
								Variable Adjustable Boom								One-Piece Boom							
								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	600	24	0.39	0.50	475	1,048	100	●	●	●	●	●	●	●	●	●	●	●	●	⦿	●	●	●
Heavy Duty	900	36	0.68	0.88	626	1,379	100	○	⊖	●	●	◇	○	●	●	◇	⊖	●	●	X	○	●	●
	1050	42	0.83	1.09	677	1,492	100	◇	○	●	●	X	◇	●	●	X	◇	●	●	X	◇	●	●
	1200	48	0.98	1.28	745	1,642	100	X	◇	●	●	X	X	●	●	X	◇	●	●	X	X	⦿	●
Ditch Cleaning	1500	60	1.01	1.32	651	1,436	100	X	◇	●	●	X	◇	●	●	X	◇	●	●	X	X	⦿	●
	1800	72	1.24	1.62	740	1,630	100	X	X	⦿	●	X	X	⊖	●	X	X	⦿	●	X	X	⊖	●
Ditch Cleaning Tilt	1500	60	0.90	1.18	954	2,104	100	X	◇	●	●	X	X	●	●	X	X	●	●	X	X	⦿	●
	1800	72	1.11	1.45	1069	2,357	100	X	X	⦿	●	X	X	⊖	●	X	X	⊖	●	X	X	○	⦿
	2000	79	1.23	1.61	1137	2,507	100	X	X	⊖	●	X	X	○	⦿	X	X	○	⦿	X	X	○	⊖
Maximum load with pin-on (payload + bucket)							kg	1503	1778	3107	3845	1317	1573	2808	3489	1359	1617	2867	3559	1189	1430	2597	3239
							lb	3,313	3,920	6,849	8,477	2,903	3,468	6,190	7,693	2,996	3,565	6,320	7,846	2,621	3,154	5,724	7,140

Maximum Material Density:

- ● 2100 kg/m³ (3,500 lb/yd³)
- ⦿ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- ○ 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.
Capacity based on ISO 7451.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

M320 Wheeled Excavator Specifications

Bucket Specifications and Compatibility – Australia and New Zealand

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
	mm	in	m^3	yd^3	kg	lb	%																
								4200 kg (9,259 lb) Counterweight															
								Variable Adjustable Boom								One-Piece Boom							
Pin-On (No Quick Coupler)								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	1.00	1.31	692	1,525	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●	◇	○	●	●
Maximum load with pin-on (payload + bucket)							kg	1924	2200	3528	4267	1738	1995	3229	3911	1781	2039	3288	3980	1611	1852	3018	3660
							lb	4,242	4,849	7,779	9,406	3,833	4,398	7,119	8,622	3,926	4,494	7,250	8,775	3,551	4,083	6,654	8,070

	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
								4200 kg (9,259 lb) Counterweight															
								Variable Adjustable Boom								One-Piece Boom							
With Pin Grabber Coupler								2500 mm (8'2") Stick				2900 mm (9'6") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	1.00	1.31	692	1,525	100	X	◇	●	●	X	◇	●	●	X	◇	●	●	X	X	⊙	●
Maximum load with pin-on (payload + bucket)							kg	1503	1778	3107	3845	1317	1573	2808	3489	1359	1617	2867	3559	1189	1430	2597	3239
							lb	3,313	3,920	6,849	8,477	2,903	3,468	6,190	7,693	2,996	3,565	6,320	7,846	2,621	3,154	5,724	7,140

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⊙ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

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Bucket Specifications and Compatibility – South Korea

Contact your Cat dealer for special bucket requirements.

	Width		Capacity		Weight		Fill	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered	Free on wheels	Only dozer (blade) lowered	Dozer (blade) and two stabilizers (outrigger) lowered	Four stabilizers (outrigger) lowered
	mm	in	m^3	yd^3	kg	lb	%												
								4200 kg (9,259 lb) Counterweight											
								Variable Adjustable Boom				One-Piece Boom							
Pin-On (No Quick Coupler)								2500 mm (8'2") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	1.00	1.31	692	1,525	100	○	⊖	●	●	◇	○	●	●	◇	○	●	●
Maximum load with pin-on (payload + bucket)							kg	1924	2200	3528	4267	1781	2039	3288	3980	1611	1852	3018	3660
							lb	4,242	4,849	7,779	9,406	3,926	4,494	7,250	8,775	3,551	4,083	6,654	8,070

								4200 kg (9,259 lb) Counterweight											
								Variable Adjustable Boom				One-Piece Boom							
With Pin Grabber Coupler								2500 mm (8'2") Stick				2500 mm (8'2") Stick				2900 mm (9'6") Stick			
General Duty	1200	48	1.00	1.31	692	1,525	100	X	◇	●	●	X	◇	●	●	X	X	⦿	●
Maximum load with pin-on (payload + bucket)							kg	1503	1778	3107	3845	1359	1617	2867	3559	1189	1430	2597	3239
							lb	3,313	3,920	6,849	8,477	2,996	3,565	6,320	7,846	2,621	3,154	5,724	7,140

Maximum Material Density:

- ● 2100 kg/m^3 (3,500 lb/yd^3)
- ⦿ 1800 kg/m^3 (3,000 lb/yd^3)
- ⊖ 1500 kg/m^3 (2,500 lb/yd^3)
- ○ 1200 kg/m^3 (2,000 lb/yd^3)
- ◇ 900 kg/m^3 (1,500 lb/yd^3)
- X Not Recommended

The above loads are in compliance with hydraulic excavator standard EN474-5:2006+A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

M320 Wheeled Excavator Specifications

Attachments Offering Guide – Europe

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ☐ No Match | ● 1800 kg/m³ (3000 lb/yd³) | ○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓	✓		✓	✓
	S3025 Flat Top			✓				✓	
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	○	●	●	●	○	●	●
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	●
	GSH520-750	●	○	●	○	●	○	●	●
	GSV520 GC-400	●	●	●	●	●	●	●	●
	GSV520 GC-500	●	●	●	●	●	●	●	●
	GSV520 GC-600	●	●	●	●	●	●	●	●
	GSV520 GC-750	●	○	●	●	●	○	●	●
	GSV520-400	●	●	●	●	●	●	●	●
	GSV520-500	●	●	●	●	●	●	●	●
	GSV520-600	●	●	●	●	●	●	●	●
	GSV520-750	●	○	●	○	●	○	●	●
Hydraulic Transfer Grab	CTV15-1000	○	○	○	○	○	○	●	○
	CTV15-1200	○		○		○		○	○

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match　☐ No Match　● 1800 kg/m³ (3000 lb/yd³)　○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Outrigger; Front Outrigger							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓	✓		✓	✓
	S3025 Flat Top			✓				✓	
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	○	●	●	●	○	●	●
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	●
	GSH520-750	●	○	●	●	●	○	●	●
	GSV520 GC-400	●	●	●	●	●	●	●	●
	GSV520 GC-500	●	●	●	●	●	●	●	●
	GSV520 GC-600	●	●	●	●	●	●	●	●
	GSV520 GC-750	●	●	●	●	●	●	●	●
	GSV520-400	●	○	●	●	●	○	●	●
	GSV520-500	●	●	●	●	●	●	●	●
	GSV520-600	●	●	●	●	●	●	●	●
	GSV520-750	●	○	●	●	●	○	●	●
Hydraulic Transfer Grab	CTV15-1000	○	○	●	○	○	○	●	○
	CTV15-1200	○		○	○	○		●	○

(continued on next page)

M320 Wheeled Excavator Specifications

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match ● 1800 kg/m³ (3000 lb/yd³) ○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓	✓		✓	✓
	S3025 Flat Top			✓				✓	
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	○	●	●	●	○	●	●
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	●
	GSH520-750	●	○	●	●	●	○	●	●
	GSV520 GC-400	●	●	●	●	●	●	●	●
	GSV520 GC-500	●	●	●	●	●	●	●	●
	GSV520 GC-600	●	●	●	●	●	●	●	●
	GSV520 GC-750	●	○	●	●	●	○	●	●
	GSV520-400	●	●	●	●	●	●	●	●
	GSV520-500	●	●	●	●	●	●	●	●
	GSV520-600	●	●	●	●	●	●	●	●
	GSV520-750	●	○	●	●	●	○	●	●
Hydraulic Transfer Grab	CTV15-1000	○	○	○	○	○	○	●	○
	CTV15-1200	○		○		○		○	○

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ☐ No Match | ● 1800 kg/m³ (3000 lb/yd³) | ○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓	✓		✓	✓
	S3025 Flat Top			✓				✓	
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	○	●	●	●	○	●	●
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	●
	GSH520-750	●	○	○	○	●	○	●	●
	GSV520 GC-400	●	●	●	●	●	●	●	●
	GSV520 GC-500	●	●	●	●	●	●	●	●
	GSV520 GC-600	●	●	●	●	●	●	●	●
	GSV520 GC-750	●	○	●	○	●	○	●	●
	GSV520-400	●	●	●	●	●	●	●	●
	GSV520-500	●	●	●	●	●	●	●	●
	GSV520-600	●	●	●	●	●	●	●	●
	GSV520-750	●	○	●	○	●	○	●	●
Hydraulic Transfer Grab	CTV15-1000	○	○	○	○	○	○	○	○
	CTV15-1200	○				○		○	○

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ✓* Working range front only | ☐ No Match | ● 1800 kg/m³ (3000 lb/yd³) | ○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓*			✓	✓	✓	✓*
	H120 S	✓	✓	✓	✓*	✓	✓	✓	✓
Multi-Processors	MP318 Shear Jaw					✓*			
Demolition and Sorting Grapples	G317 GC					✓	✓*	✓*	
	G318 WH-800					✓*			
Pulverizers	P215					✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	○	○	○		●	○	○	○
	GSH420-600	○				○	○	○	
	GSH420-750					○			
	GSH520-500	○				○	○	○	
	GSH520-600					○			
	GSV520 GC-400	●	○	○	○	●	●	●	●
	GSV520 GC-500	○	○	○		●	○	○	○
	GSV520 GC-600	○				○	○	○	
	GSV520 GC-750					○			
	GSV520-400	●	○	○		●	●	●	○
	GSV520-500	○				●	○	○	○
	GSV520-600					○	○	○	

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ✓* Working range front only | ☐ No Match | ● 1800 kg/m³ (3000 lb/yd³) | ○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓*	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw					✓	✓*	✓*	
	MP318 Demolition Jaw					✓	✓*	✓*	
	MP318 Pulverizer Jaw					✓*			
	MP318 Shear Jaw	✓*				✓	✓*	✓*	
	MP318 Universal Jaw					✓			
Demolition and Sorting Grapples	G317 GC	✓	✓*	✓*			✓	✓	✓*
	G318					✓	✓*	✓*	
	G318 WH-800	✓*				✓	✓*	✓*	
Mobile Scrap and Demolition Shears	S3025					✓*			
Pulverizers	P215	✓	✓*	✓*		✓	✓	✓	✓*
Crushers	P315					✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	○	○	●	●	●	●
	GSH420-600	○	○	○		●	●	●	○
	GSH420-750	○				○	○	○	
	GSH520-500	○	○	○		●	○	○	○
	GSH520-600	○				○	○	○	
	GSV520 GC-400	●	●	●	●	●	●	●	●
	GSV520 GC-500	●	○	○	○	●	●	●	●
	GSV520 GC-600	○	○	○		●	○	○	○
	GSV520 GC-750	○				○	○	○	
	GSV520-400	●	●	●	○	●	●	●	●
	GSV520-500	●	○	○	○	●	●	●	○
	GSV520-600	○	○	○		●	○	○	○
	GSV520-750					○	○	○	

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M320 Wheeled Excavator Specifications

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw			✓*				✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
	MP318 Universal Jaw	✓		✓*		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw			✓				✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw			✓*				✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓*		✓		✓	
	MP318 Demolition Jaw	✓		✓*		✓		✓	
	MP318 Pulverizer Jaw							✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
	MP318 Universal Jaw	✓		✓*		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓*		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓*		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓	Match	✓*	Working range front only		No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓*	✓	✓	✓	✓
	H120 S					✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓*	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S					✓	✓*	✓*	
	H120 S	✓				✓	✓	✓	✓*
Demolition and Sorting Grapples	G317 GC					✓*			
Pulverizers	P215					✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match   ✓* Working range front only   ☐ No Match

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓*	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓*	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ✓* Working range front only | ☐ No Match

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S					✓*			
	H120 S	✓*				✓	✓*	✓*	
Demolition and Sorting Grapples	G317 GC					✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

CW-40S DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓*				✓	✓	✓	
	H120 S	✓	✓*	✓*		✓	✓	✓	✓
Multi-Processors	MP318 Shear Jaw					✓*			
Demolition and Sorting Grapples	G317 GC	✓*				✓	✓*	✓*	
	G318					✓*			
	G318 WH-800					✓			
Pulverizers	P215					✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G317 GC-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓	✓		✓	✓
	G318-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**Rear Outrigger; Front Outrigger**							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G317 GC-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓	✓		✓	✓
	G318-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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M320 Wheeled Excavator Specifications

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G317 GC-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓	✓		✓	✓
	G318-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓	✓	✓		✓	✓
	MP318 Demolition Jaw	✓		✓	✓*	✓		✓	✓
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓		✓	✓*	✓		✓	✓
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G317 GC-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓	✓		✓	✓
	G318-Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Crushers	P315	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		**Rear Blade**							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S					✓*			
	H120 S					✓	✓*	✓*	
Demolition and Sorting Grapples	G317 GC					✓*			
	G317 GC-Fixed CAN					✓*			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CW-40 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓*				✓	✓	✓	✓*
	H120 S	✓	✓*	✓*		✓	✓	✓	✓*
Multi-Processors	MP318 Shear Jaw					✓*			
Demolition and Sorting Grapples	G317 GC	✓*				✓	✓*	✓*	
	G317 GC-Fixed CAN					✓	✓	✓	
	G318					✓*			
	G318-Fixed CAN					✓*			
	G318 WH-800					✓*			
Pulverizers	P215					✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓		✓	✓	✓		✓	✓
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓	✓		✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓		✓	✓	✓		✓	✓
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓	✓		✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw	✓		✓		✓		✓	
	MP318 Shear Jaw	✓		✓	✓	✓		✓	✓
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓	✓		✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw	✓		✓*		✓		✓	
	MP318 Shear Jaw	✓		✓	✓	✓		✓	✓
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G317 GC	✓	✓	✓	✓	✓	✓	✓	✓
	G318	✓		✓	✓*	✓		✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Crushers	P315	✓		✓		✓		✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S					✓*			
	H120 S					✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

S70 DEDICATED COUPLER ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓*				✓	✓	✓*	
	H120 S	✓	✓*	✓*		✓	✓	✓	✓*
Demolition and Sorting Grapples	G317 GC					✓			
	G318 WH-800					✓*			
Pulverizers	P215					✓			
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match　　☐ No Match

TRS18-CW-30S ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓	✓		✓	✓
	G217 GC–Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

TRS18-CW-30S ATTACHMENTS

Undercarriage		Rear Outrigger; Front Outrigger							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓	✓		✓	✓
	G217 GC–Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

M320 Wheeled Excavator Specifications

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match　　✓* Working range front only　　☐ No Match

TRS18-CW-30S ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓	✓		✓	✓
	G217 GC–Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

TRS18-CW-30S ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓*	✓		✓	✓
	G217 GC–Fixed CAN	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓	Match	✓*	Working range front only	☐	No Match

TRS18-CW-30S ATTACHMENTS

Undercarriage		Rear Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S					✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓*	✓*		✓	✓	✓	✓*
	CVP110					✓	✓*	✓*	

TRS18-CW-30S ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S					✓	✓*	✓*	
	H115 S	✓	✓*	✓*		✓	✓	✓	✓*
Demolition and Sorting Grapples	G217 GC–Fixed CAN					✓*			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓*	✓	✓	✓	✓
	CVP110	✓	✓*	✓*		✓	✓	✓	✓*

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match   ☐ No Match

TRS18-CW-30 ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓		✓		✓	
	G217 GC–Fixed CAN	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

TRS18-CW-30 ATTACHMENTS

Undercarriage		Rear Outrigger; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓		✓		✓	
	G217 GC–Fixed CAN	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match   ☐ No Match

TRS18-CW-30 ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓		✓		✓	
	G217 GC–Fixed CAN	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

TRS18-CW-30 ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓		✓		✓	
	G217 GC–Fixed CAN	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

TRS18-CW-30 ATTACHMENTS

Undercarriage		Rear Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S					✓*			
Compactors (Vibratory Plate)	CVP75	✓*				✓	✓	✓	✓*
	CVP110					✓*			

TRS18-CW-30 ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S					✓	✓*	✓*	
	H115 S	✓*				✓	✓	✓	✓*
Demolition and Sorting Grapples	G217 GC–Fixed CAN					✓*			
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓*	✓	✓	✓	✓
	CVP110	✓*				✓	✓	✓	✓*

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match   ☐ No Match

TRS18-S70 ATTACHMENTS

Undercarriage		**Rear Outrigger; Front Blade**							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

TRS18-S70 ATTACHMENTS

Undercarriage		**Rear Outrigger; Front Outrigger**							
Counterweight		**3600 kg (7,937 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ✓* Working range front only | ☐ No Match

TRS18-S70 ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

TRS18-S70 ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G217 GC	✓		✓	✓*	✓		✓	✓
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓	✓	✓	✓	✓	✓	✓

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Attachments Offering Guide – Europe *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

TRS18-S70 ATTACHMENTS

Undercarriage		Rear Blade							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S					✓*			
	H115 S					✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP75	✓	✓*	✓*		✓	✓	✓	✓
	CVP110					✓	✓*	✓*	

TRS18-S70 ATTACHMENTS

Undercarriage		Rear Blade (Wide Undercarriage)							
Counterweight		3600 kg (7,937 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 GC S	✓*				✓	✓*	✓*	
	H115 S	✓	✓*	✓*		✓	✓	✓	✓*
Compactors (Vibratory Plate)	CVP75	✓	✓	✓	✓	✓	✓	✓	✓
	CVP110	✓	✓*	✓*		✓	✓	✓	✓*

Attachments Offering Guide – North America

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ☐ No Match | ● 1800 kg/m³ (3000 lb/yd³) | ○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade				Rear Outrigger; Front Outrigger			
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Demolition Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Pulverizer Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Shear Jaw	✓	✓	✓	✓	✓	✓	✓	✓
	MP318 Universal Jaw	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G318	✓	✓	✓	✓	✓	✓	✓	✓
	G318 WH-800	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓	✓		✓	✓
	S3025 Flat Top			✓				✓	
Pulverizers	P215	✓	✓	✓	✓	✓	✓	✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM4015	✓	✓	✓	✓	✓	✓	✓	✓
Orange Peel Grapples	GSH420-500	●	●	●	●	●	●	●	●
	GSH420-600	●	●	●	●	●	●	●	●
	GSH420-750	●	○	●	●	●	○	●	●
	GSH520-500	●	●	●	●	●	●	●	●
	GSH520-600	●	●	●	●	●	●	●	●
	GSH520-750	●	○	●	●	●	○	●	●

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Attachments Offering Guide – North America *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ✓* Working range front only | ☐ No Match | ● 1800 kg/m³ (3000 lb/yd³) | ○ 1200 kg/m³ (2000 lb/yd³)

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger				Rear Blade			
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓*
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓*
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓	✓	✓	✓				
	MP318 Demolition Jaw	✓	✓	✓	✓				
	MP318 Pulverizer Jaw	✓	✓	✓	✓				
	MP318 Shear Jaw	✓	✓	✓	✓	✓*			
	MP318 Universal Jaw	✓	✓	✓	✓				
Demolition and Sorting Grapples	G318	✓	✓	✓	✓				
	G318 WH-800	✓	✓	✓	✓	✓*			
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓				
	S3025 Flat Top			✓					
Pulverizers	P215	✓	✓	✓	✓	✓	✓*	✓*	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM4015	✓	✓	✓	✓	✓	✓*	✓*	
Orange Peel Grapples	GSH420-500	●	●	●	●	●	○	○	○
	GSH420-600	●	●	●	●	○	○	○	
	GSH420-750	●	○	●	●	○			
	GSH520-500	●	●	●	●	○	○	○	
	GSH520-600	●	●	●	●	○			
	GSH520-750	●	○	●	●				

(continued on next page)

M320 Wheeled Excavator Specifications

Attachments Offering Guide – North America *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ☐ No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade				Rear Outrigger; Front Outrigger			
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓		✓		✓	
	MP318 Demolition Jaw	✓		✓		✓		✓	
	MP318 Pulverizer Jaw			✓				✓	
	MP318 Shear Jaw	✓		✓		✓		✓	
	MP318 Universal Jaw	✓		✓		✓		✓	
Demolition and Sorting Grapples	G318	✓		✓		✓		✓	
	G318 WH-800	✓		✓		✓		✓	
Mobile Scrap and Demolition Shears	S3025	✓		✓		✓		✓	
	S3025 Flat Top	✓		✓		✓		✓	
Pulverizers	P215	✓		✓	✓	✓		✓	✓
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM4015	✓	✓	✓	✓	✓	✓	✓	✓

(continued on next page)

Attachments Offering Guide – North America *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger				Rear Blade			
Counterweight		**4200 kg (9,259 lb) Counterweight**				**4200 kg (9,259 lb) Counterweight**			
Boom Type		**Variable Adjustable**		**One-Piece Boom**		**Variable Adjustable**		**One-Piece Boom**	
Stick Length		**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**	**2500 mm (8'2")**	**2900 mm (9'6")**
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓				
	H120 GC S	✓	✓	✓	✓				
	H120 S	✓	✓	✓	✓	✓*			
Multi-Processors	MP318 Concrete Cutter Jaw	✓		✓					
	MP318 Demolition Jaw	✓		✓					
	MP318 Pulverizer Jaw			✓					
	MP318 Shear Jaw	✓		✓					
	MP318 Universal Jaw	✓		✓					
Demolition and Sorting Grapples	G318	✓		✓					
	G318 WH-800	✓		✓					
Mobile Scrap and Demolition Shears	S3025	✓		✓					
	S3025 Flat Top	✓	✓	✓					
Pulverizers	P215	✓	✓	✓	✓				
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓	✓	✓	✓
Mulchers	HM4015	✓	✓	✓	✓				

Attachments Offering Guide – Australia and New Zealand

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match   ✓* Working range front only   ☐ No Match

PIN-ON ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade				Rear Outrigger; Front Outrigger			
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G318	✓	✓	✓	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓	✓		✓	✓

PIN-ON ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger				Rear Blade				
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight				4.8 mt
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom		
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓*	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓*	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G318	✓	✓	✓	✓					✓*
Mobile Scrap and Demolition Shears	S3025	✓		✓	✓					

(continued on next page)

Attachments Offering Guide – Australia and New Zealand *(continued)*

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match | ✓* Working range front only | ☐ No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade				Rear Outrigger; Front Outrigger			
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓
	H120 S	✓	✓	✓	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G318	✓		✓		✓		✓	

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger				Rear Blade				
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight				4.8 mt
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom		
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")
Hydraulic Hammers	H115 S	✓	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC	✓	✓	✓	✓					
	H120 GC S	✓	✓	✓	✓					✓*
	H120 S	✓	✓	✓	✓	✓*				✓
Demolition and Sorting Grapples	G318	✓		✓						

Attachments Offering Guide – South Korea

Not all attachments are available in all regions. Consult your Cat dealer for configurations available in your region.

✓ Match ✓* Working range front only ☐ No Match

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Outrigger; Front Blade				Rear Outrigger; Front Outrigger			
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Rear Blade; Front Outrigger				Rear Blade			
Counterweight		4200 kg (9,259 lb) Counterweight				4200 kg (9,259 lb) Counterweight			
Boom Type		Variable Adjustable		One-Piece Boom		Variable Adjustable		One-Piece Boom	
Stick Length		2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")	2500 mm (8'2")	2900 mm (9'6")
Hydraulic Hammers	H120 GC	✓	✓	✓	✓	✓	✓	✓	✓*
	H120 GC S	✓	✓	✓	✓	✓	✓	✓	✓*

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
ENGINE		
Cat C4.4 Twin Turbo diesel engine (meets Tier 4 Final/Stage V emission standards)	✓	
Power mode selector	✓	
One-touch low idle with automatic engine speed control	✓	
Automatic engine idle shutdown	✓	
Work up to 3000 m (9,842 ft) above sea level without engine power de-rating	✓	
52°C (125°F) high-ambient cooling capacity	✓	
Cold starting capability for –18°C (0°F)	✓	
Double element air filter	✓	
Electric fuel priming pump	✓	
On-demand electric cooling fans with auto-reverse function	✓	
Biodiesel capability up to B20	✓	

	Standard	Optional
HYDRAULIC SYSTEM		
Boom, stick and bucket drift reduction valves	✓	
Boom/stick lowering check valves		✓
Overload warning	✓	
Electronic main control valve	✓	
Automatic hydraulic oil warm up	✓	
Element type main hydraulic filter	✓	
One-slider joysticks	✓	
Two-slider joysticks		✓
Advanced Tool Control (one/two way high-pressure flow)	✓	
Second high pressure auxiliary circuit (one/two way high-pressure flow)		✓
Medium pressure auxiliary circuit (one/two way medium-pressure flow)		✓
Heavy lift mode	✓	
Quick coupler circuit for Cat Pin Grabber and CW-type coupler	✓	
SmartBoom™		✓
Ride control		✓
Cat TRS support		✓
Joystick steering		✓
Separate dedicated swing pump	✓	
Automatic swing brake	✓	
Cat BIO HYDO Advanced biodegradable hydraulic oil		✓
Adjustable hydraulic aggressiveness	✓	
Electronic pattern changer	✓	

(continued on next page)

Standard and Optional Equipment *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
UNDERCARRIAGE AND STRUCTURES		
All wheel drive	✓	
Automatic brake/axle lock	✓	
Creeper speed	✓	
Electronic swing and travel lock	✓	
Heavy-duty axles, advanced disc brake system and travel motor, adjustable braking force	✓	
Oscillating front axle, lockable, with remote greasing point	✓	
10.00-20 16 PR, dual tires		✓
11.00-20- 16 PR, dual tires		✓
315/70R22.5, no gap dual tires[1]		✓
445/70R 19.5, single tires		✓
Steps with tool box in undercarriage (left and right)		✓
Two-piece drive shaft	✓	
Two speed hydrostatic transmission	✓	
Rear blade (parallel) undercarriage		✓
Rear blade (parallel) undercarriage wide axle gauge		✓
Rear blade (parallel)/front outrigger undercarriage		✓
Rear blade (parallel)/front outrigger undercarriage wide axle gauge		✓
Rear outrigger/front blade (parallel) undercarriage		✓
Rear outrigger/front outrigger undercarriage		✓
Fenders, front and rear, synthetic		✓
Travel restraint bracket for grapple/ clamshell		✓
3600 kg (7,937 kg) counterweight[1]		✓
4200 kg (9,259 lb) counterweight		✓

[1]Available in Europe only.

	Standard	Optional
BOOM, STICKS AND LINKAGES		
5650 mm (18'6) One-Piece boom		✓
5260 mm (17'3") Variable Adjustable boom		✓
2500 mm (8'2") stick		✓
2900 mm (9'6") stick		✓
Bucket linkage, 320-family with lifting eye		✓
Bucket linkage, 320-family without lifting eye		✓
ELECTRICAL SYSTEM		
LED lights on boom and cab	✓	
LED lights on chassis (left-hand, right-hand) and counterweight	✓	
Programmable time-delay LED working lights	✓	
Roading and indicator lights, front and rear	✓	
Maintenance free batteries	✓	
Centralized electrical disconnect switch	✓	
Electrical refueling pump		✓

(continued on next page)

Standard and Optional Equipment *(continued)*

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
TECHNOLOGY		
Cat Product Link™	✓	
Remote Flash capability	✓	
Remote Troubleshoot capability	✓	
Compatibility with radios and base stations from Trimble		✓
Capability to install 3D grade systems from Trimble		✓
Cat Grade with 2D		✓
Cat Grade with Advanced 2D		✓
Cat Grade with 3D		✓
Cat Payload		✓
2D E-Fence		✓
SERVICE AND MAINTENANCE		
Sampling ports for Scheduled Oil Sampling (S·O·S℠)	✓	
Automatic lubrication system for implement and swing system		✓

	Standard	Optional
SAFETY AND SECURITY		
Rear and right-side-view cameras	✓	
360° visibility		✓
Wide angle mirrors	✓	
Heated and remotely adjustable mirrors		✓
Travel alarm		✓
Signal/warning horn	✓	
Rotating beacon on cab and chassis		✓
Cat Asset tracker		✓
Neutral lever (lock out) for all controls	✓	
Ground-level accessible secondary engine shutoff switch in cab	✓	
Bluetooth receiver	✓	
Anti-skid plate and countersunk bolts on service platform	✓	

M320 Attachments

Dealer Installed Kits and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- 75 mm (3") retractable seat belt

SAFETY AND SECURITY

- Bluetooth® key fob

GUARDS

- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)

Cab Options

	Deluxe	Premium
Sound-suppressed ROPS cab	●	●
Heated seat with air-adjustable suspension	●	X
Heated and cooled seat with automatic adjustable suspension	X	●
Height-adjustable console, infinite with no tool	●	●
High-resolution 254 mm (10") LCD touchscreen monitor	●	●
Mechanical mirror	●	X
Electrical and adjustable heated mirror	X	●
Automatic bi-level air conditioner	●	●
Jog dial and shortcut keys for monitor control	●	●
Keyless push-to-start engine control	●	●
51 mm (2") orange seat belt	●	●
Unfastened seat belt warning	●	●
Bluetooth integrated radio (including USB, aux port and microphone)	●	●
2 x 12V DC outlets	●	●
Document storage	●	●
Cup and bottle holders	●	●
Openable two-piece front window (laminated)	●	○
Fixed one-piece front window (P5A classified)	X	○
Parallel wiper with washer	●	●
Fixed glass skylight	●	●
LED dome lights	●	●
Foot illumination	●	●
Roller rear sunscreen	X	●
Rear window emergency exit	●	●
Washable floor mat	●	●
Beacon ready	●	●
Falling Object Guard Structure (FOGS) "ready"	●	●
Vandalism guard "ready"	●	●
Two LED cab lights	●	●
Rainvisor	●	●

● Standard

○ Optional

X Not available

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**

AEXQ2902-01 (12-2021)
Replaces AEXQ2902
Build Number: 07B
(N Am, Eur, Aus-NZ, S Korea)

Company Information

Company Name: Thompson Tractor Co., Inc. [View / Edit]

Company ID Number: 47130

Doing Business As (DBA) Name:

DUNS Number:

Physical Location:

Address 1: 2401 Pinson Highway
Address 2:
City: Birmingham
State: AL
Zip Code: 35217
County: JEFFERSON

Mailing Address:

Address 1: P O. Box 10367
Address 2:
City: Birmingham
State: AL
Zip Code: 35202-0367

Additional Information:

Employer Identification Number: 630377478
Total Number of Employees: 1,000 to 2,499
Parent Organization:
Administrator:

Organization Designation:

Employer Category:

NAICS Code: 423 - MERCHANT WHOLESALERS, DURABLE GOODS [View / Edit]

Total Hiring Sites: 40 [View / Edit]

Total Points of Contact: 3 [View / Edit]

[View MOU]

Form **W-9**
(Rev. October 2007)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)
Thompson Tractor Co., Inc. DBA Thompson Power Systems, Thompson Lift Truck Co.

Business name, if different from above
and The Cat Rent Store

Check appropriate box: ☐ Individual/Sole proprietor ☒ Corporation ☐ Partnership
☐ Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ ....
☐ Other (see instructions) ▶

☒ Exempt payee

Address (number, street, and apt. or suite no.)
P O Box 10367 2401 Pinson Hwy. Tarrant, AL 35217

Requester's name and address (optional)

City, state, and ZIP code
Birmingham, AL 35202-0367

List account number(s) here (optional)
Lockbox Remit To: P O Box 934085, Atlanta, GA 31193-4005

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number

or

Employer identification number
63 : 0377478

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here Signature of U.S. person ▶ Linda K. Duncan, Controller Date ▶

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),

2. Certify that you are not subject to backup withholding, or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity.

the Employer issues a tentative nonconfirmation based upon a photo non-match. The Employer will determine whether the employee contests the tentative nonconfirmation as soon as possible after the Employer receives it.

4. If the employee contests a tentative nonconfirmation issued by DHS, the Employer will provide the employee with a referral letter and instruct the employee to contact the Department through its toll-free hotline within 8 Federal Government work days.

5. If the employee contests a tentative nonconfirmation based upon a photo non-match, the Employer will provide the employee with a referral letter to DHS. DHS will electronically transmit the result of the referral to the Employer within 10 Federal Government work days of the referral unless it determines that more than 10 days is necessary.

6. The Employer agrees that if an employee contests a tentative nonconfirmation based upon a photo non-match, the Employer will send a copy of the employee's Form I-551 or Form I-766 to DHS for review by:

- Scanning and uploading the document, or
- Sending a photocopy of the document by an express mail account (furnished and paid for by DHS).

7. The Employer understands that if it cannot determine whether there is a photo match/non-match, the Employer is required to forward the employee's documentation to DHS by scanning and uploading, or by sending the document as described in the preceding paragraph, and resolving the case as specified by the Immigration Services Verifier at DHS who will determine the photo match or non-match.

ARTICLE IV

SERVICE PROVISIONS

The SSA and DHS will not charge the Employer for verification services performed under this MOU. The Employer is responsible for providing equipment needed to make inquiries. To access the E-Verify System, an Employer will need a personal computer with Internet access.

ARTICLE V

PARTIES

This MOU is effective upon the signature of all parties, and shall continue in effect for as long as the SSA and DHS conduct the E-Verify program unless modified in writing by the mutual consent of all parties, or terminated by any party upon 30 days prior written notice to the others. Any and all system enhancements to the E-Verify program by DHS or SSA, including but not limited to the E-Verify checking against additional data sources and instituting new verification procedures, will be covered under this MOU and will not cause the need for a supplemental MOU that outlines these changes. DHS agrees to train employers on all changes made to E-Verify through the use of mandatory refresher tutorials and updates to the E-Verify manual. Even without changes to E-Verify, the Department reserves the right to require employers to take mandatory refresher tutorials.

Termination by any party shall terminate the MOU as to all parties. The SSA or DHS may terminate this MOU without prior notice if deemed necessary because of the requirements of law or policy, or upon a determination by SSA or DHS that there has been a breach of system integrity or security by the Employer, or a failure on the part of the Employer to comply with established procedures or legal requirements. Some or all SSA and DHS responsibilities under this MOU may be performed by contractor(s), and SSA and DHS may adjust verification responsibilities between each other as they may determine.

Nothing in this MOU is intended, or should be construed, to create any right or benefit, substantive or procedural, enforceable at law by any third party against the United States, its agencies, officers, or employees, or against the Employer, its agents, officers, or employees.

Each party shall be solely responsible for defending any claim or action against it arising out of or related to E-Verify or this MOU, whether civil or criminal, and for any liability wherefrom, including (but not limited to) any dispute between the Employer and any other person or entity regarding the applicability of Section 403(d) of IIRIRA to any action taken or allegedly taken by the Employer.

The employer understands that the fact of its participation in E-Verify is not confidential information and may be disclosed as authorized or required by law and DHS or SSA policy, including but not limited to, Congressional oversight, E-Verify publicity and media inquiries, and responses to inquiries under the Freedom of Information Act (FOIA).

The foregoing constitutes the full agreement on this subject between the SSA, DHS, and the Employer.

The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively.

To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify Operations at 888-464-4218.

Employer Thompson Tractor Co., Inc.

Frank M Wright	
Name (Please type or print)	Title
Electronically Signed	**07/11/2007**
Signature	Date

Department of Homeland Security – Verification Division

Company ID Number: 47130

INFORMATION REQUIRED
FOR THE E-VERIFY PROGRAM

Information relating to your Company:

Company Name:	**Thompson Tractor Co., Inc.**
Company Facility Address:	**2401 Pinson Highway** **Birmingham, AL 35217**
Company Alternate Address:	**P.O. Box 10367** **Birmingham, AL 35202-0367**
County or Parish:	**JEFFERSON**
Employer Identification Number:	**630377478**
North American Industry Classification Systems Code:	**423**
Parent Company:	
Number of Employees:	**1,000 to 2,499**

Number of Sites Verified for: **5**

Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State.

- GEORGIA 5 site(s)

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name:	**Kimberly A Stark**		
Telephone Number:	**(205) 849 - 4279**	Fax Number:	**(205) 849 - 4565**
E-mail Address:	**kimberlystark@thompsontractor.com**		
Name:	**Frank M Wright**		
Telephone Number:	**(205) 849 - 4267**	Fax Number:	**(205) 849 - 4854**
E-mail Address:	**frankwright@thompsontractor.com**		

Company ID Number: 47130

USCIS Verification Division	
Name (Please type or print)	Title
Electronically Signed	**07/11/2007**
Signature	Date

Effective with sales to the first user on or after June 1, 2015

CATERPILLAR LIMITED WARRANTY

For Selected Machine Models Designated by Caterpillar with 12 Month/Unlimited Hour Warranty

Worldwide

Caterpillar Inc. or any of its subsidiaries ("Caterpillar") warrants the following products sold by it to be free from defects in material and workmanship:

- New earthmoving, construction, material handling, forestry product, paving product, compact wheel loader, mini hydraulic excavator, skid steer loader, multi terrain loader, and compact track loader machines designated by Caterpillar as having 12 -months/unlimited hour warranty. See your Cat® dealer for a complete listing of covered models.
- Attachments/work tools installed on such machines prior to delivery (unless covered by the Cat Work Tool warranty statement or another manufacturer's warranty). Hammer tool points and compacting plates used on hydraulic hammers are not warranted.

An additional warranty against breakage is applicable to certain Cat ground engaging tools. An additional warranty against wear is applicable to all landfill compactor tips when used in residential waste landfills. Refer to the applicable warranty statements for coverage detail.

This warranty does not apply to:

- Cat Batteries
- Mobil-trac belts, rubber tracks used on multi terrain loaders, compact track loaders, and mini hydraulic excavators
- Cat Work Tools
- Select models designated by Caterpillar that are sold in India and China

These products are covered by other Caterpillar warranties.

This warranty is subject to the following:

Warranty Period

For new machines and work tools/attachments the warranty period is 12-months/unlimited hours, starting from date of delivery to the first user.

Note:

- For hydraulic line's quick connect/disconnect components sold on compact wheel loaders, mini hydraulic excavators, skid steer loaders, multi terrain loaders, and compact track loader machines, the warranty period is 50 hours starting from the date of delivery to the first user.
- For Draglines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Feeders; the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar place of manufacture.

Caterpillar Responsibilities

If a defect in material or workmanship is found during the warranty period, Caterpillar will, during normal working hours and at a place of business of a Cat dealer or other source approved by Caterpillar:

- Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar approved repaired parts or assembled components needed to correct the defect.

  Note: New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed as if such parts were original components of that product. Items replaced under this warranty become the property of Caterpillar.
- Replace lubricating oil, filters, antifreeze, and other service items made unusable by the defect.
- Provide reasonable and customary labor needed to correct the defect.

User Responsibilities

The user is responsible for:

- Providing proof of delivery date to the first user.
- Labor costs, except as stated under "Caterpillar Responsibilities."
- Transportation costs, except as stated under "Caterpillar Responsibilities."
- Premium or overtime labor costs.
- Parts shipping charges in excess of those that are considered usual and customary.
- Local taxes, if applicable.
- Costs to investigate complaints, unless the problem is caused by a defect in Caterpillar material or workmanship.
- Giving timely notice of a warrantable failure and promptly making the product available for repair.
- Performance of the required maintenance (including use of proper fuel, oil, lubricants, and coolant) and items replaced due to normal wear and tear.
- Allowing Caterpillar access to all electronically stored data.

Limitations

Caterpillar is not responsible for:

- Failures resulting from any use or installation that Caterpillar judges improper.
- Failures resulting from attachments, accessory items, and parts not sold or approved by Caterpillar.
- Failures resulting from abuse, neglect, and/or improper storage or repair.
- Failures resulting from user's delay in making the product available after being notified of a potential product problem.
- Failures resulting from unauthorized repair or adjustments, and unauthorized fuel setting changes.

(Continued on the reverse side....)

This warranty covers every major component of the products. Claims under this warranty should be submitted to a place of business of a Cat dealer or other source approved by Caterpillar. For further information concerning either the location to submit claims or Caterpillar as the issuer of this warranty, write Caterpillar Inc., 100 N. E. Adams St., Peoria, IL USA 61629.

Caterpillar's obligations under this Limited Warranty are subject to, and shall not apply in contravention of, the laws, rules, regulations, directives, ordinances, orders, or statutes of the United States, or of any other applicable jurisdiction, without recourse or liability with respect to Caterpillar.

A) For products operating outside of Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands, and Tahiti, the following is applicable:

NEITHER THE FOREGOING EXPRESS WARRANTY NOR ANY OTHER WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED, IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT CATERPILLAR EMISSION-RELATED COMPONENTS WARRANTY FOR NEW ENGINES, WHERE APPLICABLE. REMEDIES UNDER THIS WARRANTY ARE LIMITED TO THE PROVISION OF MATERIAL AND SERVICES, AS SPECIFIED HEREIN.

CATERPILLAR IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS, OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS IS EXCLUDED IN ITS ENTIRETY.

B) For products operating in Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands, and Tahiti, the following is applicable:

THIS WARRANTY IS IN ADDITION TO WARRANTIES AND CONDITIONS IMPLIED BY STATUTE AND OTHER STATUTORY RIGHTS AND OBLIGATIONS THAT BY ANY APPLICABLE LAW CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED ("MANDATORY RIGHTS"). ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED (BY STATUTE OR OTHERWISE), ARE EXCLUDED. WITHOUT LIMITING THE FOREGOING PROVISIONS OF THIS PARAGRAPH, WHERE A PRODUCT IS SUPPLIED FOR BUSINESS PURPOSES, THE CONSUMER GUARANTEES UNDER THE CONSUMER GUARANTEES ACT 1993 (NZ) WILL NOT APPLY.

NEITHER THIS WARRANTY NOR ANY OTHER CONDITION OR WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED (SUBJECT ONLY TO THE MANDATORY RIGHTS), IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

IF THE MANDATORY RIGHTS MAKE CATERPILLAR LIABLE IN CONNECTION WITH SERVICES OR GOODS, THEN TO THE EXTENT PERMITTED UNDER THE MANDATORY RIGHTS, THAT LIABILITY SHALL BE LIMITED AT CATERPILLAR'S OPTION TO (a) IN THE CASE OF SERVICES, THE SUPPLY OF THE SERVICES AGAIN OR THE PAYMENT OF THE COST OF HAVING THE SERVICES SUPPLIED AGAIN AND (b) IN THE CASE OF GOODS, THE REPAIR OR REPLACEMENT OF THE GOODS, THE SUPPLY OF EQUIVALENT GOODS, THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT GOODS.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

CATERPILLAR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES UNLESS IMPOSED UNDER MANDATORY RIGHTS. IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION (CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS) IS EXCLUDED IN ITS ENTIRETY.

C) For products supplied in Australia:

IF THE PRODUCTS TO WHICH THIS WARRANTY APPLIES ARE:

I. PRODUCTS OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION; OR

II. PRODUCTS THAT COST AUD 40,000 OR LESS,

WHERE THOSE PRODUCTS WERE NOT ACQUIRED FOR THE PURPOSE OF RE-SUPPLY OR FOR THE PURPOSE OF USING THEM UP OR TRANSFORMING THEM IN THE COURSE OF PRODUCTION OR MANUFACTURE OR IN THE COURSE OF REPAIRING OTHER GOODS OR FIXTURES, THEN THIS SECTION C APPLIES.

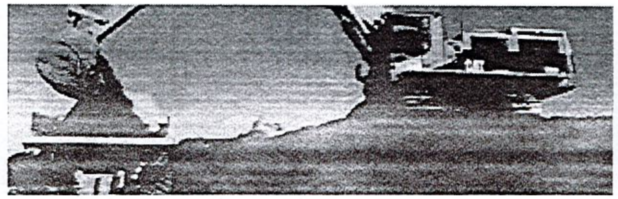
THE FOLLOWING MANDATORY TEXT IS INCLUDED PURSUANT TO THE AUSTRALIAN CONSUMER LAW AND INCLUDES REFERENCES TO RIGHTS THE USER MAY HAVE AGAINST THE DIRECT SUPPLIER OF THE PRODUCTS: OUR GOODS COME WITH GUARANTEES THAT CANNOT BE EXCLUDED UNDER THE AUSTRALIAN CONSUMER LAW. YOU ARE ENTITLED TO A REPLACEMENT OR REFUND FOR A MAJOR FAILURE AND COMPENSATION FOR ANY OTHER REASONABLY FORESEEABLE LOSS OR DAMAGE. YOU ARE ALSO ENTITLED TO HAVE THE GOODS REPAIRED OR REPLACED IF THE GOODS FAIL TO BE OF ACCEPTABLE QUALITY AND THE FAILURE DOES NOT AMOUNT TO A MAJOR FAILURE. THE INCLUSION OF THIS TEXT DOES NOT CONSTITUTE ANY REPRESENTATION OR ACCEPTANCE BY CATERPILLAR OF LIABILITY TO THE USER OR ANY OTHER PERSON IN ADDITION TO THAT WHICH CATERPILLAR MAY HAVE UNDER THE AUSTRALIAN CONSUMER LAW.

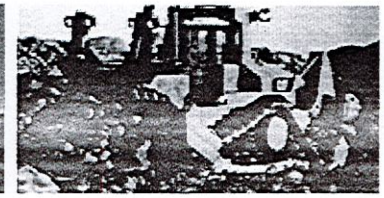
TO THE EXTENT THE PRODUCTS FALL WITHIN THIS SECTION C BUT ARE NOT OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION, CATERPILLAR LIMITS ITS LIABILITY TO THE EXTENT IT IS PERMITTED TO DO SO UNDER THE AUSTRALIAN CONSUMER LAW TO, AT ITS OPTION, THE REPAIR OR REPLACEMENT OF THE PRODUCTS, THE SUPPLY OF EQUIVALENT PRODUCTS, OR THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT PRODUCTS.

THE WARRANTY SET OUT IN THIS DOCUMENT IS GIVEN BY CATERPILLAR INC. OR ANY OF ITS SUBSIDIARIES, 100 N. E. ADAMS ST, PEORIA, IL USA 61629, TELEPHONE 1 309 675 1000,THE USER IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH MAKING A CLAIM UNDER THE WARRANTY SET OUT IN THIS DOCUMENT, EXCEPT AS EXPRESSLY STATED OTHERWISE IN THIS DOCUMENT, AND THE USER IS REFERRED TO THE BALANCE OF THE DOCUMENT TERMS CONCERNING CLAIM PROCEDURES, CATERPILLAR RESPONSIBILITIES AND USER RESPONSIBILITIES.

TO THE EXTENT PERMISSIBLE BY LAW, THE TERMS SET OUT IN THE REMAINDER OF THIS WARRANTY DOCUMENT (INCLUDING SECTION B) CONTINUE TO APPLY TO PRODUCTS TO WHICH THIS SECTION C APPLIES.

CONTROL YOUR COSTS MINIMIZE YOUR RISKS





This plan safeguards your investments in new, used and rebuilt machines beyond the standard warranty period. It includes all parts and labor to protect you against failures caused by defects in materials and workmanship. With the Powertrain Equipment Protection Plan, you can increase the predictability of service and maintenance costs—and reduce unplanned downtime.

WHAT WE DO

- Perform necessary inspections to confirm eligibility
- Install parts approved by Caterpillar on covered repairs
- Validate your enrollment in the program

WHAT YOU DO

- Operate equipment according to the Cat Operation & Maintenance Manual (OMM)
- Have recommended preventive maintenance performed at intervals specified in the OMM
- Upon request, provide proof of preventive maintenance compliance (receipts, copies of work orders, invoices)
- Promptly provide the machine for repair in the event of a covered failure

COVERED COMPONENTS

Engine & Accessories

Engine - Internal Components
Oil Cooler
Manifolds
Fan Motor
Water Pump
Fuel Injection Pumps
Injectors
Lift / Transfer Pump
Senders / Solenoids / Sensors
Thermostat
Flywheel & Torque Converter
Engine Oil Filter Mount
Turbocharger
AC Compressor / Condenser
Electronic Control Modules
Oil Hoses / Lines (non-hydrostatic)
Cylinder Block
Piston
Piston Rings
Piston & Connecting Rod
Crankshaft, Main Bearings & Rod Bearings
Camshaft & Camshaft Bearings
Timing / Accessory Gears
Timing Chain / Belt
Inlet / Exhaust Valve
Valve Cover & Base
Valve Spring & Guide
Rocker Arm
Rocker Shaft Assembly
Push Rod
Balancer
Fuel Pump / Governor Drive
Oil Pump
Oil Pan Group
Fan & Fan Drive

Transmission

Transmissions
Hydraulic Controls
Transmission Oil Filter Base
Transmission Gears
Final Drives/Planetary
Drive Shafts
Transfer Case
Hydrostatic Pumps & Drive Motors
Linkage / lines Connected to Hystat Pump
Drive (pilot / eh) Control Valves
Bevel and Transfer Case

Drive Line/Drive Axle

Axles
Axle Seals
Final Drive & Wheel
Final Drive Case / Bore
Final Drive Chain
Final Drive Gears
Axle Shaft
Drive Axle Oil Pump

Steering

Steering Clutch
Steering Clutch & Brake Control Valve

Hydraulic Systems

Hydraulic Oil Coolers

EXCLUSIONS

If a component is not listed, it may not be included in the plan. Other exclusions include:

> Improper or abusive use of the machine

> Lubricating oil, antifreeze, filters, consumables and other maintenance items replaced during the covered component repair, unless such items are rendered unusable by a covered component failure

> Failures caused by normal wear-out

> Freight charges for parts shipments

> Travel time and mileage involved in getting to a job site

> Hauling costs and / or retrieval costs

> Overtime labor costs

> Repair costs resulting from the failure of any non-covered components

> Downtime loss

> Equipment rental charges

> Any incidental / consequential damages or costs incurred as a result of a covered component failure.

> Modifications unless approved by Caterpillar

Examples of covered and excluded components or items are listed here. The actual dealer contract will govern. For a complete list of included components and more information on Cat Equipment Protection Plans, contact your local Cat dealer.