BID SUBMITTAL FORM
Alabama County Joint Bidding Program
Heavy Equipment – Bid Item: Track Mount Excavator Option A-3

Company Name: THOMPSON TRACTOR COMPANY

Address: P.O. 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: (205)849-4394

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, 2021 to Dec. 31, 2021.	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: $ 269,305
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) *

Freight Preparation and Delivery: $ 6,774
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: $ 343,178

Equipment Model #: CATERPILLAR 330

Description: HYDRAULIC EXCAVATOR

Signature of company representative submitting bid: Jay Smith

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 330

Description: HYDRAULIC 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.

BID SPECIFICATIONS
FOR
TRACK-MOUNTED EXCAVATOR OPTION A-3

GENERAL

These specifications shall be construed as the minimum acceptable standards for a track mounted hydraulic excavator with long undercarriage. 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 manufacturers' equipment. The excavator must be a new current production model and shall meet or exceed all EPA and other applicable standards at the time of manufacture.

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] 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 X No___
Page#_____
or
Attachment X

WEIGHT

Minimum 66,000 lbs. equipped with minimum 31 inch wide track shoes. Yes X No ___ Page # 1

ENGINE

Turbocharged, 6 cylinders with a minimum 400 cubic inch displacement diesel engine capable of a minimum 230 net horsepower. Yes X No ___ Page # 6, 18

Engine shall be manufactured by the equipment manufacturer. Yes X No ___ Page # 6, 7, 17

SWING MECHANISM

Maximum Swing Torque shall be a minimum of 70,000 lbf-ft. Yes X No ___ Page # 18

UNDERCARRIAGE

Track length shall be minimum 15' 11". Yes X No ___ Page # 19

Track shoe width shall be minimum 31" (Triple grouser Shoes) Yes X No ___ Page # 22

Minimum nine (9) track rollers per side. Yes X No ___ Page # 18

Minimum two (2) carrier rollers per side. Yes X No ___ Page # 18

STARTING SYSTEM

24 volt system with a minimum 115 amp alternator. Yes X No ___ Page # 33

CAPACITIES

Fuel Tank Capacity – 125 gallon minimum Yes X No ___ Page # 18

Hydraulic Tank Capacity – 35 gallon minimum Yes X No ___ Page # 18

Engine Coolant – 6 gallon minimum Yes X No ___ Page # 18

BUCKET WILL BE CONSIDERED OPTIONAL EQUIPMENT-SIZE AND TYPE WILL BE DETERMINED BY THE COUNTY AT THE TIME AN ORDER IS PLACED

BOOM AND STICK

One piece boom with minimum 20' length — Yes X No ___ Page # 19

Stick shall be a minimum 10' long — Yes X No ___ Page # 19, 20, 23

DIMENSIONS

Reach at ground level – 35' minimum — Yes X No ___ Page # 4 — 330 specs

Bucket breakout force (SAE) – minimum 40,000 lbs. — Yes X No ___ Page # 4 — 330 specs

Stick digging force (SAE) – minimum 27,500 lbs. — Yes X No ___ Page # 4 — 330 specs

HYDRAULICS

Hydraulic pump output shall be a minimum of 140 GPM — Yes X No ___ Page # 18

CAB

Enclosed ROPS cab: — Yes X No ___ Page # 33

Heater — Yes X No ___ Page # 5, 15

Factory installed air conditioning — Yes X No ___ Page # 5, 15

AM/FM radio — Yes X No ___ Page # 33

Suspension seat — Yes X No ___ Page # 34

Defroster — Yes X No ___ Page # 5, 15

Shall be equipped with a 12-volt converter capable of powering a two-way radio. — Yes X No ___ Page # 5

330	TRACK-MOUNTED HYDRAULIC EXCAVATOR OPTION A3		2021 Pricing
581-1520	330-07A EXCAVATOR CFG1		$343,178
	INCLUDES:		
	527-2180 330 07 HEX		
	578-2912 COMMON ARRANGEMENT		
	575-2677 14,770 LB COUNTERWEIGHT		
	516-8540 LONG UNDERCARRIAGE		
	577-5867 20'2" REACH BOOM		
	516-8566 10' 6" REACH STICK		
	521-8015 CB2 BUCKET LINKAGE W/EYE		
	516-8457 BOOM CYLINDER		
	516-5832 STICK CYLINDER		
	516-5840 CB2 BKT CYLINDER		
	516-8550 BOOM TUBE W/EOU		
	556-5581 JOYSTICK HYDRAULIC PKG		
	SLIDER JOYSTICKS		
	CENTER UPPER COVER		
	STANDARD MAKE-UP LINES		
	STANDARD RETURN PIPE		
	549-9535 PQC DRAIN LINES		
	517-4758 QUICK COUPLER CONTROL		
	516-7688 QC BOOM LINES		
	321-0150 QC STICK LINES		
	546-0111 DELUXE CAB		
	484-8021 RADIAL WIPER		
	511-9428 10" MONITOR		
	502-7166 BLUETOOTH RADIO		
	524-8272 BLUETOOTH RECEIVER		
	490-7715 STRAIGHT TRAVEL PEDAL		
	520-1923 FINE SWING		
	578-7636 CAMERA, 360 VISIBILITY		
	580-8628 CAB MIRROR W/O GUARD, W/360		
	516-2545 ALARM, TRAVEL ALARM		
	488-6816 MACHINE ECM		
	516-0550 GRADE W/2D, ASSIST&PAYLOAD		
	519-6977 GRADE SENSOR, REACH BOOM		
	519-6978 GRADE SENSOR, REACH 10'6" STICK		
	516-8510 BATTERIES, 4		
	516-5100 COLD STARTING		
	339-7054 ENGINE COOLANT HEATER		
	577-3907 CHASSIS LIGHT		
	577-8973 CAB LIGHTS W/RAIN PROTECTOR		
	577-6543 LIGHT, REACH BOOM & SLR LH		
	577-6544 LIGHT, REACH BOOM & SLR RH		
	589-1744 RADIO MODULE, PL243 CELL		
	577-2117 PRODUCT LINK ELITE WIRING		
	555-7286 NETWORK MANAGER		
	513-3214 EOU PRESSURE SENSOR		
	346-7150 SEGMENTED TRACK GUIDING GUARD		
	576-9456 HD BOTTOM GUARD		
	514-7013 HD TRAVEL MOTOR GUARD		
	134-8883 SWIVEL GUARD		
	516-8657 31" TRIPLGE GROUSER TRACK		
	576-9461 STORAGE TRAY		
	578-2915 QUICK DRAINS READY		
	520-9418 2WAY OPERATING PATTERN		
	TOTAL BID PRICE FOR STANDARD MACHINE		**$269,305**
	FREIGHT PREPARATION AND DELIVERY		**$6,774**
	TOTAL MANUFACTURER'S SUGGESTED RETAIL PRICE FOR STANDARD MACHINE		**$343,178**

updated specs

Cat® 330

Hydraulic Excavator

The Cat® 330 Excavator has the speed, efficiency, and power for your heavy-duty applications requiring maximum productivity. You get built-in Cat GRADE with 2D, Grade Assist, and Payload as standard equipment right from the factory – boosting your operator efficiency by up to 45 percent. Combine these features with a new cab, longer maintenance intervals and increased fuel efficiency, and you have a low-cost-per-unit-of-production excavator built for your heavy-duty applications.

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

High Performance Digging and Lifting

- Increase fuel efficiency up to 20 percent over the 330F Excavator.
- Lift more with up to nine percent improved lift capacity and increased bucket size over the 330F Excavator.
- Make working on slopes easier with five percent improved swing torque over the 330F Excavator.
- Increase operating efficiency up to 45 percent with standard Cat Connect technologies that lower operator fatigue and your operating costs, including fuel consumption and daily maintenance.
- The C7.1 engine can run on biodiesel up to B20 and meets U.S. EPA Tier 4 Final, EU Stage IV, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final emission standards with an aftertreatment system that requires no maintenance or downtime.
- The advanced hydraulic system provides the optimum balance of power and efficiency while giving you the control you need for precise digging requirements.
- Match the excavator to the job with power modes; let Smart mode automatically match engine and hydraulic power to digging conditions.
- Advansys™ bucket tips increase penetration and improve cycle times. Tip changes can be done quickly with a simple lug wrench instead of a hammer or special tool, improving safety and uptime.
- Auxiliary hydraulic options give you the versatility to use a wide range of Cat attachments.
- Available SmartBoom™ lets the boom freely travel up and down without using any pump flow so operators can focus on stick and bucket work. The benefits are reduced operator stress and reduced fuel consumption.
- Don't let the temperature stop you from working. The excavator has a standard high-ambient temperature capability of 52° C (125° F) with de-rate and cold start capability of –18° C (0° F). An optional –32° C (–25° F) cold start package is available.

Boost Efficiency and Boost Productivity with Integrated Cat Connect Technologies

- Boost productivity up to 45 percent versus traditional grading with standard Cat GRADE with 2D system – includes indicate-only and laser capability.
  - Dig with guidance to depth, slope, and horizontal distance to grade. You can set up to four different target depth and slope offsets to help save time and money. When the job calls for a different offset, quickly switch through the monitor and get to work.
  - The 2D system is upgradable to Cat GRADE with Advanced 2D or Cat GRADE with 3D.
- Standard Grade Assist:
  - Stay on grade – simply and effortlessly – with single-lever digging.
  - Set your desired bucket angle and let Bucket Assist automatically maintain the angle in sloping, leveling, fine grading, and trenching applications for easy, accurate, and fast jobs.
  - Keep the tracks on ground in lifting and hard digging with Boom Assist.
  - Automatically stop excavator swing at operator-defined set points in truck loading and trenching applications with Swing Assist, which will help you use less effort and consume less fuel.
- Standard Cat PAYLOAD on-board weighing system:
  - Achieve precise load targets and increase loading efficiency with on-the-go weighing and real-time estimates of your payload without swinging.
  - Track your daily productivity such as truck target weights and load/cycle counts.
  - Calibration can be performed in a matter of minutes.
  - Combine Payload with VisionLink® and remotely manage your production targets.
- Upgrade to optional Cat GRADE with Advanced 2D:
  - Create and edit grade designs with ease on a second high-resolution 254 mm (10 in) touchscreen monitor.

CAT®

- Upgrade to optional Cat GRADE with 3D:
  - Create and edit designs with ease and see the front linkage's full range of motion on a second high-resolution 254 mm (10 in) touchscreen monitor.
  - Use the excavator's onboard cell technology to quickly connect to 3D services like TCC or VRS.
  - Know the excavator's exact position relative to GPS and GLONASS systems.
  - The machine automatically compensates for excavator pitch and roll caused by sloping ground conditions.
  - Antennas have theft-prevention bolts; a special tool makes them easy for the owner to remove at the end of a shift.
- The standard 2D E-fence feature integrated right out of the factory prevents the excavator from moving outside operator-defined set points.
- Standard 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.

Work in Comfort in the All-New Cab

- Choose between Deluxe and Premium cabs – both with automatic climate control.
- The Deluxe seat is heated and air adjustable. The Premium seat is heated and cooled and adjusts automatically.
- Get in and out of the cab easier using the tip-up left console.
- Advanced viscous mounts reduce cab vibration up to 50 percent over previous excavator models.
- Control the excavator comfortably with easy-to-reach controls all located in front of you.
- Stow your gear with plenty of in-cab storage beneath and behind the seat, overhead, and in the consoles. A cup holder, document holder, bottle holder, and coat hook are also provided.
- Use the standard radio's USB ports and Bluetooth® technology to connect personal devices and make hands-free calls.

Simple to Operate

- Start the engine with a push button; use a Bluetooth key fob, smartphone app, or the unique Operator ID function.
- Program your power mode and joystick preferences using Operator ID; the excavator will remember what you set each time you go to work.
- Navigate quickly on the standard high-resolution 203 mm (8 in) touchscreen monitor, or with the optional 254 mm (10 in) touchscreen monitor, or with the aid of the jog dial control.
- A second 254 mm (10 in) monitor is available for the advanced grade control.
- Not sure how a function works or how to maintain the excavator? Always have the operator's manual at your fingertips in the touchscreen monitor.
- Find the tool you need – even if it's hidden beneath overgrowth or debris. The excavator's onboard Bluetooth reader can search for any work tool equipped with Cat asset tracking devices up to a range of 60 m (200 ft).

Maintenance

- Expect up to 20 percent less maintenance cost than the 330F. (Savings calculated over 12,000 machine hours.)
- Do all daily maintenance at ground level.
- Check engine oil level quickly and safely with the new ground-level engine oil dipstick; fill and check engine oil on top of the machine with a conveniently located second dipstick.
- Track your excavator's filter life and maintenance intervals via the in-cab monitor.
- No required maintenance on the Cat Clean Emissions Module.
- Change all fuel filters at a synchronized 1,000 hours – a 100 percent increase over the 330F fuel filters.
- Expect the new air intake filter with precleaner to last up to 1,000 hours – a 100 percent increase over the previous filter.
- The new hydraulic oil filter provides improved filtration performance, anti-drain valves to keep oil clean when the filter is replaced, and longer life with a 3,000 hour replacement interval – 50 percent longer than previous filter designs.
- High-efficiency cooling fans run only when needed; you can program intervals so they automatically reverse to keep cores clean without interrupting your work.
- S·O·S℠ ports are on ground level, simplifying maintenance and allowing for quick, easy extraction of fluid samples for analysis.

Safety

- Lift Assist helps you avoid tipping. With visual and auditory alerts, you'll know if your load is within the excavator's safe working range limits.
- Access 100 percent of daily maintenance points from ground level – no need for you to climb on top of the excavator.
- The standard ROPS cab meets ISO 12117-2:2008 requirements.
- Enjoy great visibility into the trench, in each swing direction, and behind you with the help of smaller cab pillars, larger windows, and a flat engine hood design.
- The standard hydraulic lockout lever isolates all hydraulic and travel functions in the lowered position.
- Ground-level shut-off switch stops all fuel to the engine when activated and shuts down the machine.
- A rearview camera and a right-side-view camera are standard. Upgrade to 360° visibility and you'll easily visualize objects and personnel around the excavator in a single view.
- New right service platform design provides easy, safe, and quick access to upper service platform; the service platform steps use anti-skid punch plate to prevent slipping.
- Available boom and stick lowering check valves prevent reverse flow, keeping your front linkage securely in place should the hydraulic system unexpectedly lose power.

Standard and Optional Equipment

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

	Standard	Optional
CAB		
ROPS, standard sound suppression *(Deluxe only)*	✓	
ROPS, advanced sound suppression *(Premium only)*	✓	
Air-adjustable seat with heat *(Deluxe only)*	✓	
Auto-adjustable seat with heat and air ventilation *(Premium only)*		✓
High-resolution 203 mm (8 in) LCD touchscreen monitor	✓*	
High-resolution 254 mm (10 in) LCD touchscreen monitor	✓	✓*
*Korea only		
CAT CONNECT TECHNOLOGY		
Cat Product Link	✓	
Cat GRADE with 2D	✓	
Cat GRADE with Advanced 2D		✓
Cat GRADE with 3D		✓
Cat GRADE with Assist	✓	
Cat PAYLOAD	✓	
2D E-Fence	✓	
ENGINE		
Three selectable power modes	✓	
One-touch low idle with automatic engine speed control	✓	
Auto engine idle shutdown	✓	
52° C (125° F) high-ambient cooling capacity with de-rate	✓	
–32° C (–25° F) cold start capability		✓
Double element air filter with integrated precleaner	✓	
Reversing electric cooling fans	✓	
Biodiesel capability up to B20	✓	
HYDRAULIC SYSTEM		
Boom and stick regeneration circuits	✓	
Auto hydraulic warm up	✓	
Auto two-speed travel	✓	
Boom and stick drift reduction valve	✓	
Boom and stick lowering check valves		✓
Hammer return filter circuit		✓
Advanced Tool Control (two pump, one/two way high-pressure flow)	✓*	✓
Medium-pressure circuit		✓
Quick coupler circuit		✓
*Europe only		

	Standard	Optional
BOOMS AND STICKS		
6.15 m (20'2") reach boom, 3.2 m (10'6") reach stick	✓	
6.15 m (20'2") reach boom, 2.65 m (8'8") reach stick		✓
10.2 m (33'6") SLR boom, 7.85 m (25'9") SLR stick		✓
UNDERCARRIAGE AND STRUCTURES		
600 mm (24") triple grouser shoes		✓
700 mm (28") triple grouser shoes		✓
800 mm (31") triple grouser shoes		✓
Tie-down points on base frame	✓	
6700 kg (14,770 lb) counterweight	✓	
ELECTRICAL SYSTEM		
Two 1,000 CCA maintenance free batteries	✓	
Programmable time-delay LED working lights	✓	
LED chassis light, left-hand/right-hand boom lights, cab lights	✓	
SERVICE AND MAINTENANCE		
Sampling ports for Scheduled Oil Sampling (S·O·S)	✓	
Ground-level and platform-level engine oil dipsticks	✓	
Electric refueling pump with auto shut off		✓
SAFETY AND SECURITY		
Rearview camera	✓	
Right-side-view camera	✓	
360° visibility		✓
Lift Assist	✓	
Ground-level engine shutoff switch	✓	
Right-hand handrail and hand hold	✓	
Signaling/warning horn	✓	

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 and additional regional offerings, refer to the Technical Specifications brochure available at *www.cat.com* or your Cat dealer.

Cat® 330 Hydraulic Excavator

Technical Specifications

Engine

Engine Model	Cat C7.1	
Gross Power – ISO 14396/SAE J1995	205 kW	275 hp
Net Power – ISO 9249	204 kW	273 hp
Net Power – SAE J1349	203 kW	272 hp
Engine RPM		
Operation	1,750 rpm	
Travel	1,750 rpm	
Bore	105 mm	4 in
Stroke	135 mm	5 in
Displacement	7.01 L	428 in³

Hydraulic System

Main System – Maximum Flow – Implement	560 L/min	148 gal/min
Maximum Pressure – Equipment – Normal	35 000 kPa	5,075 psi
Maximum Pressure – Equipment – Heavy Lift Mode	38 000 kPa	5,510 psi
Maximum Pressure – Travel	35 000 kPa	5,075 psi
Maximum Pressure – Swing	29 800 kPa	4,320 psi

Machine Weights

Operating Weight – 800 mm (31") Triple Grouser Shoes	30 900 kg	68,125 lb

- Reach boom, R3.2 m (10'6") stick, HD 1.76 m³ (2.30 yd³) bucket, 800 mm (31") triple grouser shoes and 6700 kg (14,770 lb) counterweight.

Operating Weight – 600 mm (24") Triple Grouser Shoes	29 900 kg	65,920 lb

- Reach boom, R3.2 m (10'6") stick, HD 1.76 m³ (2.30 yd³) bucket, 600 mm (24") triple grouser shoes and 6700 kg (14,770 lb) counterweight.

Service Refill Capacities

Fuel Tank	474 L	125.2 gal
Cooling System	25 L	6.6 gal
Engine Oil	25 L	6.6 gal
Swing Drive	10 L	2.6 gal
Final Drive (each)	5.5 L	1.5 gal
Hydraulic System (including tank)	310 L	81.9 gal
Hydraulic Tank	147 L	38.8 gal
DEF Tank	41 L	10.8 gal

Dimensions

Boom	**Reach 6.15 m (20'2")**	
Stick	**Reach 3.2 m (10'6")**	
Bucket	**HD 1.76 m³ (2.30 yd³)**	
Shipping Height (top of cab)	3060 mm	10'1"
Handrail Height	3060 mm	10'1"
Shipping Length	10 420 mm	34'2"
Tail Swing Radius	3130 mm	10'3"
Track Length to Center of Rollers	3990 mm	13'1"
Ground Clearance	490 mm	1'7"
Track Gauge	2590 mm	8'6"
Track Gauge – Narrow Undercarriage	2390 mm	7'10"
Transport Width – 600 mm (24") Shoes	3190 mm	10'6"
Transport Width – 600 mm (24") Shoes – Narrow Undercarriage	2990 mm	9'10"
Transport Width – 800 mm (31") Shoes	3390 mm	11'1"
Counterweight Clearance	1120 mm	3'8"

Working Ranges and Forces

Boom	**Reach 6.15 m (20'2")**	
Stick	**Reach 3.2 m (10'6")**	
Bucket	**HD 1.76 m³ (2.30 yd³)**	
Maximum Digging Depth	7240 mm	23'9"
Maximum Reach at Ground Level	10 680 mm	35'1"
Maximum Cutting Height	10 030 mm	32'11"
Maximum Loading Height	6950 mm	22'10"
Minimum Loading Height	2300 mm	7'7"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7090 mm	23'3"
Maximum Vertical Wall Digging Depth	6010 mm	19'9"
Bucket Digging Force (ISO)	179 kN	40,200 lbf
Stick Digging Force (ISO)	126 kN	28,300 lbf
Bucket Digging Force (SAE)	157 kN	35,300 lbf
Stick Digging Force (SAE)	123 kN	27,700 lbf

Air Conditioning System

- The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.9 kg of refrigerant which has a CO_2 equivalent of 1287 metric tonnes.

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

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

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AEXQ2411-01 (09-2018)
Replaces AEXQ2411
Build Number: 07A
(Aus-NZ, Eur, Jpn, Korea, N Am)

330F

Hydraulic Excavator

Engine		
Engine Model	Cat® C7.1 ACERT™	
Net Power – SAE J1349/ISO 9249	175 kW	239 hp

Drive		
Maximum Travel Speed	5.1 km/h	3.2 mph
Maximum Drawbar Pull	247 kN	55,528 lbf
Weight		
Minimum Operating Weight	29 560 kg	65,169 lb
Maximum Operating Weight	31 707 kg	69,902 lb

Introduction

The 330F is built to keep your production numbers high and your owning and operating costs low. The machine's C7.1 ACERT engine not only meets U.S. EPA Tier 4 Final emission standards, but it does so with all the power, fuel efficiency, and reliability you need to be successful.

Where the real power comes in is through Caterpillar's unparalleled systems integration and state-of-the-art hydraulic system. You can literally move tons of material all day long with tremendous speed and precision. When you add a quiet operator environment that keeps you comfortable and productive, easy-to-reach service points that make routine maintenance simple and fast, and multiple Cat work tools that help you take on a variety of tasks with just one machine, you simply won't find a better, more efficient 29-ton excavator.

If productivity, comfort, versatility, and fuel efficiency are what you want, you need a 330F in your fleet.

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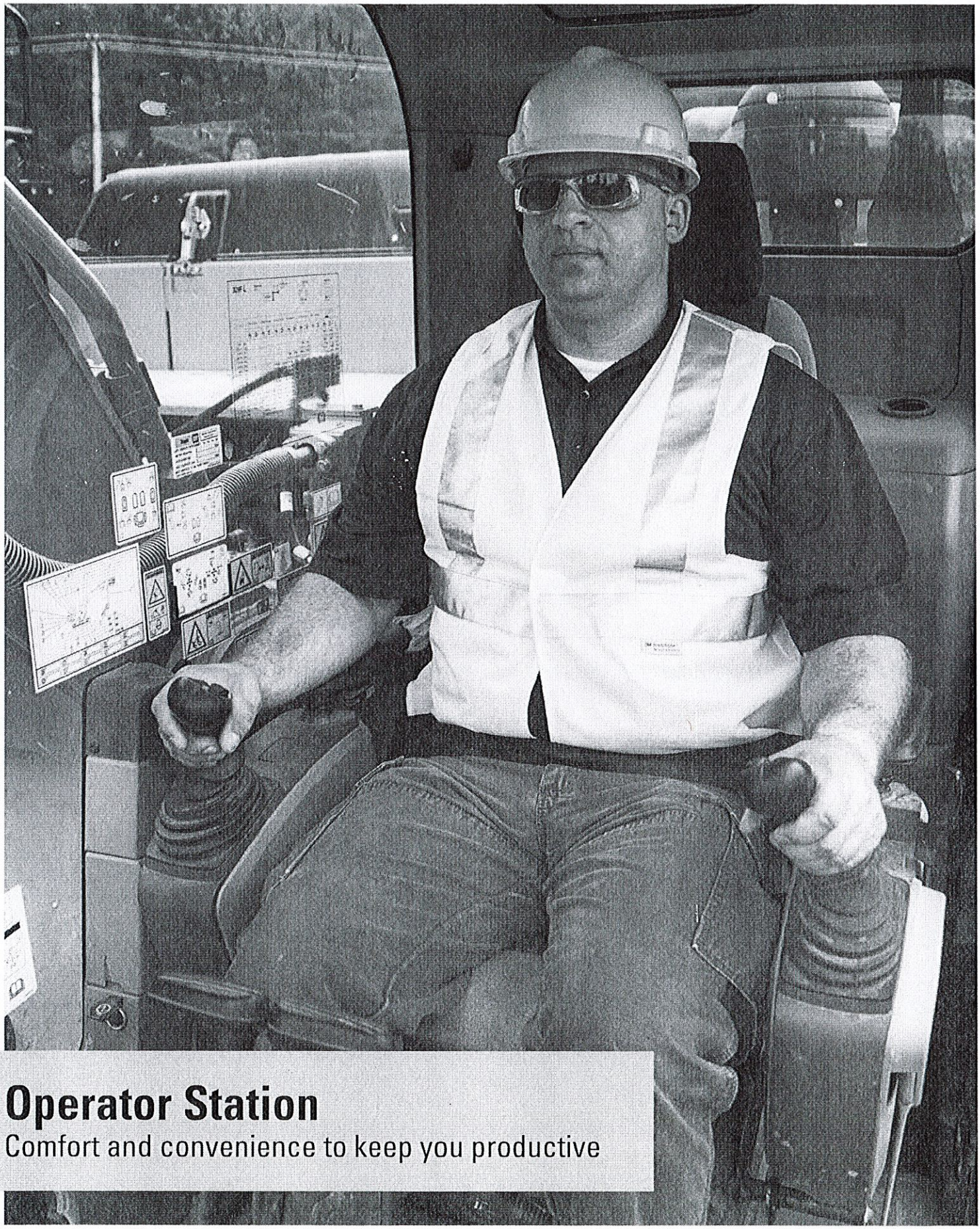
CAT
330F
CAT



Operator Station

Comfort and convenience to keep you productive

A Safe, Quiet Cab

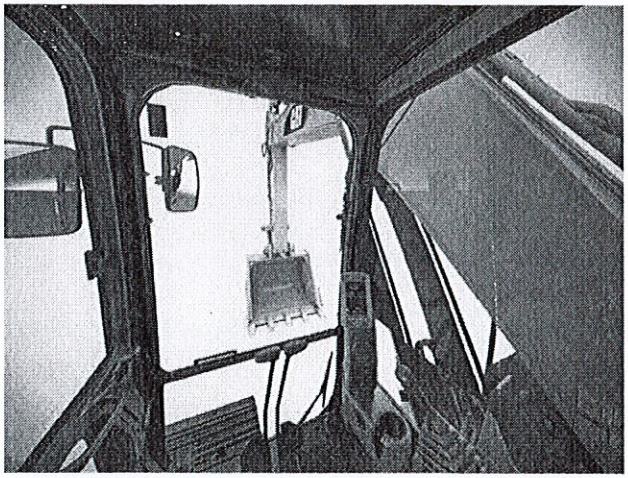
The ROPS cab provides you with a safe working environment. It also contributes to your comfort because it's attached to a reinforced frame with special viscous mounts that limit vibration and unnecessary sound. Add in special roof lining and sealing and you have a cab that's as quiet inside as today's top pickup trucks.

Comfortable Seat Options

The seat range includes air suspension, heated, and air cooled options. All seats include a reclining back, upper and lower slide adjustments, and height and tilt angle adjustments to meet your needs for maximum comfort.

A Cool & Warm Environment

The automatic climate control system features multiple air outlets with filtered ventilation. Air flows on the floor, behind the seat, and in front of you to make your work in either hot or cold weather much more pleasant and productive.

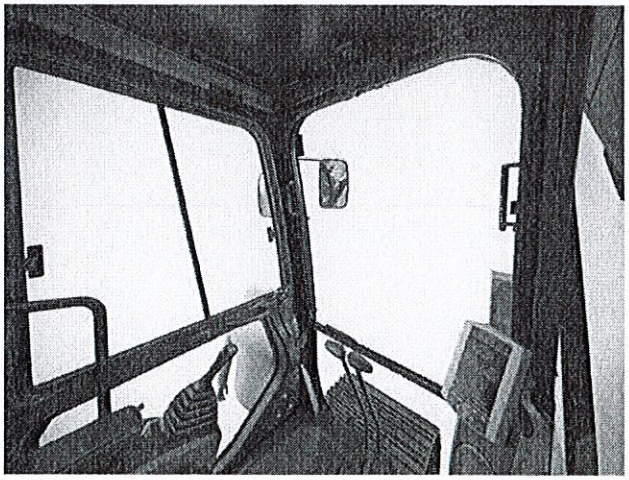


Controls Just For You

The right and left joystick consoles can be adjusted to improve your comfort and productivity during the course of a day. Also, the right joystick features a button that will reduce engine speed when you are not working to help save fuel. Touch it once and speed reduces; touch it again and speed increases for normal operation.

A Helpful Monitor

The LCD monitor is easy to see and navigate. Programmable in up to 44 languages to meet today's diverse workforce, the monitor clearly displays critical information you need to operate efficiently and effectively. Plus it projects the image from the standard rearview camera to help you see what's going on around you so you can stay safely focused on the job at hand.

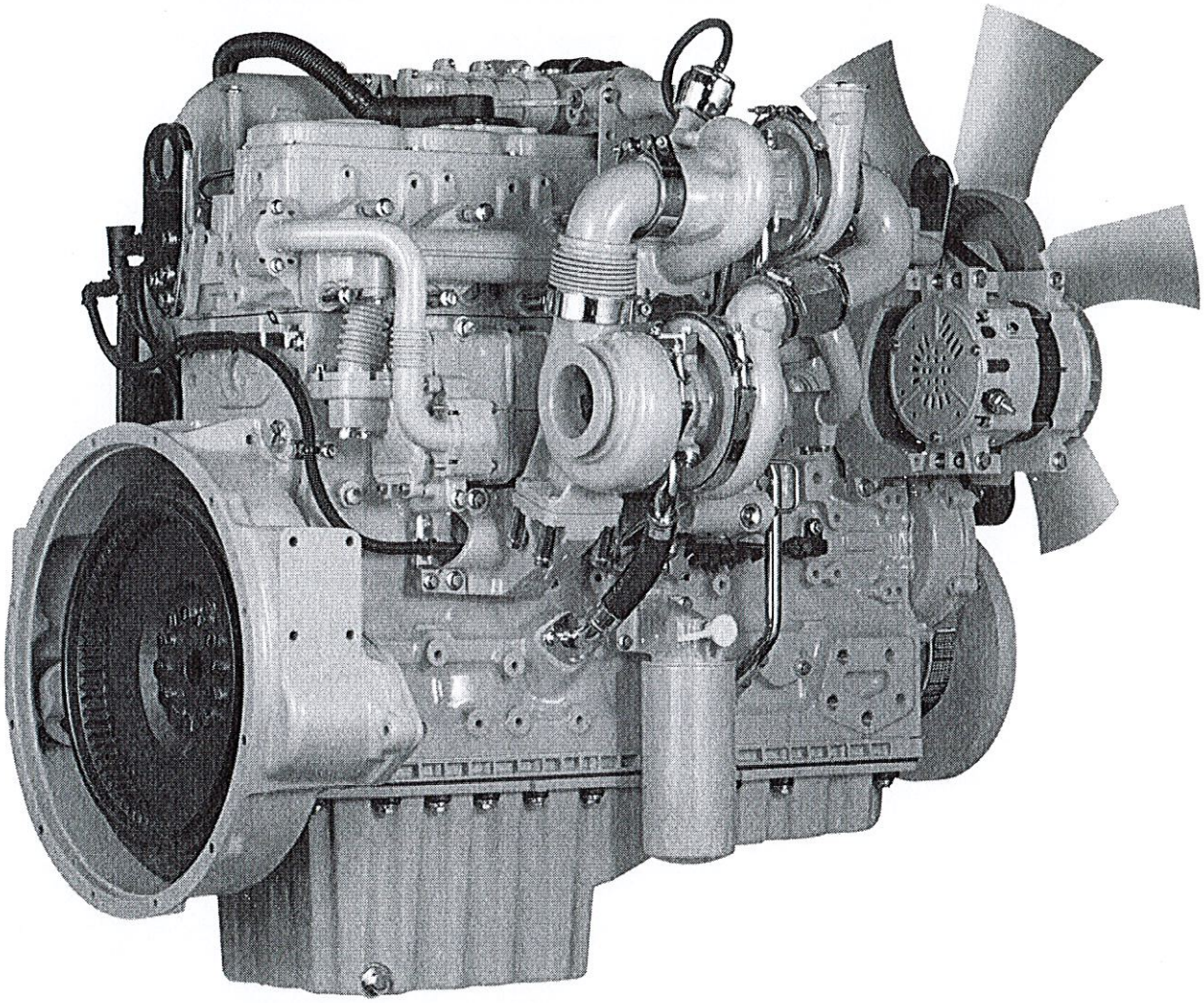


Ample Storage & Auxiliary Power

Storage spaces are located in the front, rear, and side consoles of the cab. A drink holder accommodates a large mug with handle, and a shelf behind the seat stores large lunch or toolboxes. Two 12-volt power supply sockets are conveniently located near the key storage areas for charging your electronic devices like an MP3 player, a cell phone, or a tablet.

Engine

Powerful and fuel efficient to meet your expectations



Proven Technology

Every Tier 4 Final ACERT engine is equipped with a combination of proven electronic, fuel, air, and aftertreatment components. Applying these time-tested technologies lets us meet your high expectations for productivity, fuel efficiency, reliability, and service life. Following are the results you can expect:

- **Improved fluid efficiency of up to 5%** over Tier 4 Interim products, including Diesel Exhaust Fluid (DEF) consumption.
- **High performance** across a variety of applications.
- **Enhanced reliability** through commonality and simplicity of design.
- **Maximized uptime and reduced cost** with world-class Cat dealer support.
- **Minimized impact** on emission systems – with no operator interaction required.
- **Durability** with long service life.
- **Better fuel economy** with minimized maintenance costs.
- **Same great power** and response.

More Powerful, Reliable Engine Electronics

Cat Tier 4 Final engine electronics are more powerful and robust than ever. Features like an over-foam wiring harness enhance your experience and increase quality and reliability through the most demanding applications.

Next Generation Fuel Systems

Injection timing precisely controls the fuel injection process, which provides more control of combustion for the cleanest, most efficient fuel burn. To maximize your value, Caterpillar engineers specified fuel systems based on the power and performance demands for each engine. The high-pressure common rail fuel system with full electronic injection improves precision and control, reducing soot and boosting the engine's performance.

Innovative Air Management

Cat Tier 4 Final engines feature innovative air management systems that optimize airflow and enhance power, efficiency, and reliability. A range of simple, reliable turbocharging solutions based on engine size and application allows us to match turbo performance to rated output for high productivity, excellent fuel efficiency, long life, and low operating costs for you.

Cat NO_x Reduction System

The Cat NO_x Reduction System captures and cools a small quantity of exhaust gas and then routes it back into the combustion chamber to drive down temperatures and reduce NO_x emissions. The result of more than a decade of Caterpillar engineering research into this technology is the most reliable system of its type

Aftertreatment Technologies

Caterpillar designed Tier 4 Interim products with Tier 4 Final standards in mind. By planning ahead, we minimized design changes to deliver the reliability and performance you demand.
The aftertreatment solution utilized for Tier 4 Final products is the next evolutionary step for Cat engines with ACERT Technology. To meet the additional 80% reduction in NO_x emissions required by Tier 4 Final emission standards, Caterpillar engineers only needed to add one new system to the already proven aftertreatment solution in use, Selective Catalytic Reduction (SCR).

Diesel Exhaust Fluid (DEF)

Cat engines equipped with an SCR system inject DEF into the exhaust to reduce NO_x emissions. DEF is a precisely mixed solution of 32.5% high purity chemical grade urea and 67.5% de-ionized water. DEF used in Cat SCR systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241-1. ISO 22241-1 requirements are met by many brands of DEF, including those that carry the AdBlue or API certifications.

An Emissions Solution That Works

The Cat C7.1 ACERT engine meets Tier 4 Final emission standards, and it does so without interrupting your job process. Simply turn the engine on and go to work. It will look for opportunities in your work cycle to regenerate itself, and it will give you plenty of power for the task at hand – all to help keep your owning and operating costs to an absolute minimum.

Fuel Savers That Add Up

The 330F consumes less fuel than the previous series model, and the automatic engine speed control contributes by lowering rpm when the machine doesn't need it for work. Automatic engine idle shutdown turns the engine off when it's been idling for more than a specified amount of time that you can set through the monitor. Plus you have a choice of three power modes – high power, standard power, and eco mode. Simply change between modes through the console switch panel to meet the work needs in front of you. Collectively, all of these benefits add up to reduced fuel consumption, reduced exhaust and sound emissions, reduced repair and maintenance costs, and increased engine life for you.

A Cool Design For Any Temperature

A side-by-side cooling system allows you to put the machine to work in extremely hot and cold conditions. The system is completely separated from the engine compartment to reduce noise and heat. Plus it features easy-to-clean cores and an efficient variable-speed fan.

Biodiesel Not A Problem

The C7.1 ACERT engine can run on up to B20 biodiesel that meets ASTM 6751 standards – all to give you more potential fuel-saving flexibility.

A Powerful, Efficient Design

When it comes to moving heavy material quickly and efficiently, you need hydraulic horsepower – the type of ground-breaking power the 330F can deliver. Major hydraulic components like pumps and valves are located close together so shorter tubes and lines can be used. This design leads to less friction loss, reduced pressure drops, and more power to the ground for the work you need to get done.

Hydraulics

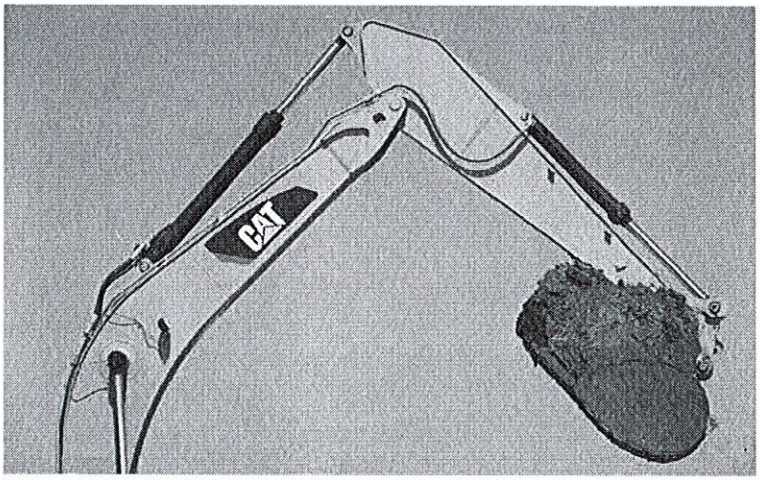
Power to move your material with speed and precision

Control Like No Other

Controllability is one of the main attributes of Cat excavators, and one of the key contributors to this is the main control valve. The valve opens slowly when your range of joystick lever movement is small and opens rapidly when movement is high. It puts flow where you need it when you need it, which leads to smoother operation, greater efficiency, and lower fuel consumption.

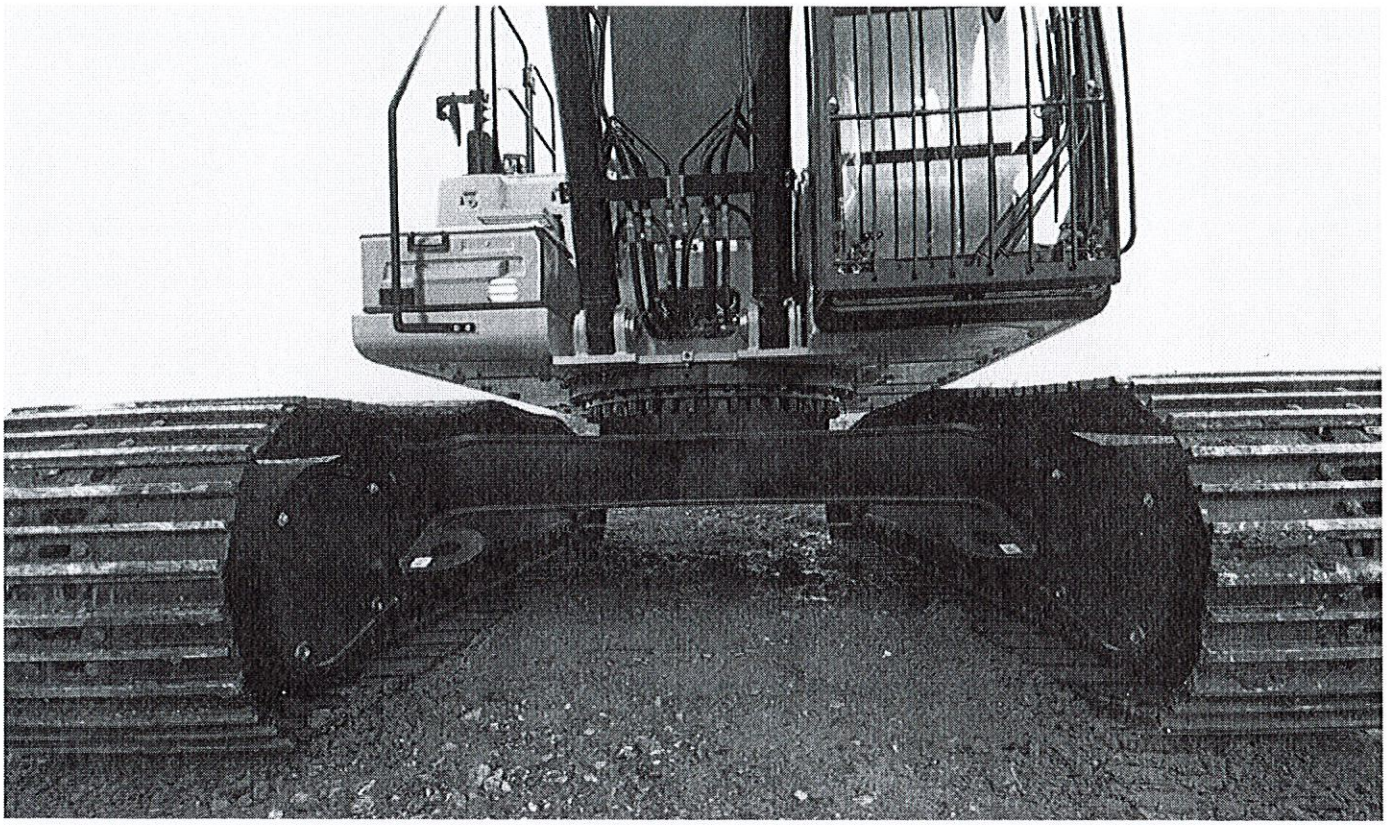
Auxiliary Hydraulics For Added Versatility

Auxiliary hydraulics give you greater tool versatility so you can take on more work with just one machine, and there are several options from which you can choose. A quick coupler circuit, for example, will allow you to switch from one tool to another in a matter of minutes – all from the comfort and convenience of the cab.



Boom & Stick Oil Re-Circulation For Added Efficiency

The 330F regenerates the flow of oil from the head end of the boom and stick cylinders to the rod end of the boom and stick cylinders during the work cycle to save energy and improve fuel efficiency. It's optimized for any dial speed setting you select, which results in less pressure loss for higher controllability, more productivity, and lower operating costs for you.



Structures & Undercarriage

Made to work in your tough applications

Robust Frame

The 330F is a well-built machine designed to give you a very long service life. The upper frame has mountings made specifically to support the heavy-duty cab; it is also reinforced around key areas that take on stress like the boom foot and skirt. Massive bolts are used to attach the track frames to the body, and additional bolts are used to increase the machine's digging force, which leads to more productivity for you.

Durable Undercarriage

The 330F undercarriage contributes significantly to its outstanding stability and durability. Track shoes, links, rollers, idlers, and final drives are all built with long-lasting, high-tensile-strength steel. Cat Grease Lubricated Track 2 (GLT2) track link protects moving parts by keeping water, debris, and dust out and grease sealed in, which delivers longer wear life and reduced noise when traveling. Optional guide guards help maintain track alignment to improve the machine's overall performance – whether you're traveling on a flat, heavy bed of rock or a steep, wet field of mud.

Counterweight Options

Two counterweight options – 5.8 mt (6.3 t) and 6.75 mt (7.4 t) – are available. Both are built with thick steel plates and reinforced fabrications to make them less susceptible to damage, and both have curved surfaces that match the machine's sleek, smooth appearance along with integrated housings to help protect the standard rearview camera.

Front Linkage

Options to take on your far-reaching and up-close tasks

Booms & Sticks

The 330F is offered with a range of booms and sticks. Each is built with internal baffle plates for added durability, and each undergoes ultrasound inspection to ensure weld quality and reliability. Large box-section structures with thick, multi-plate fabrications, castings, and forgings are used in high-stress areas such as the boom nose, boom foot, boom cylinder, and stick foot to improve durability. The boom nose pin is a captured flag design for enhanced durability.

Two Types Available

There are two basic boom options available to meet your work needs: STD and SLR.

STD

This type of boom is best used for reach applications where conditions are optimal such as excavating basements, trenching for utility lines, and working in sewer applications.

SLR = Super Long Reach

This configuration offers reaches to 60 feet. It is perfectly suited for forming slopes and cleaning settlement tanks and ponds.

Sticks are matched to the boom you choose. Longer sticks are better when you need to dig deep or load trucks. Shorter sticks provide greater breakout force and increase your productivity when using hydromechanical work tools.

Talk to your Cat dealer to pick the best front linkage for your line of work.

Integrated Technologies

Monitor, manage, and enhance your job site operations

Cat Connect

The smart use of technology and services will improve your job site efficiency. In fact, using data from technology equipped machines gives you more information and insight into your equipment and operations than ever before.

Cat Connect Technology for Excavators include:

Cat LINK

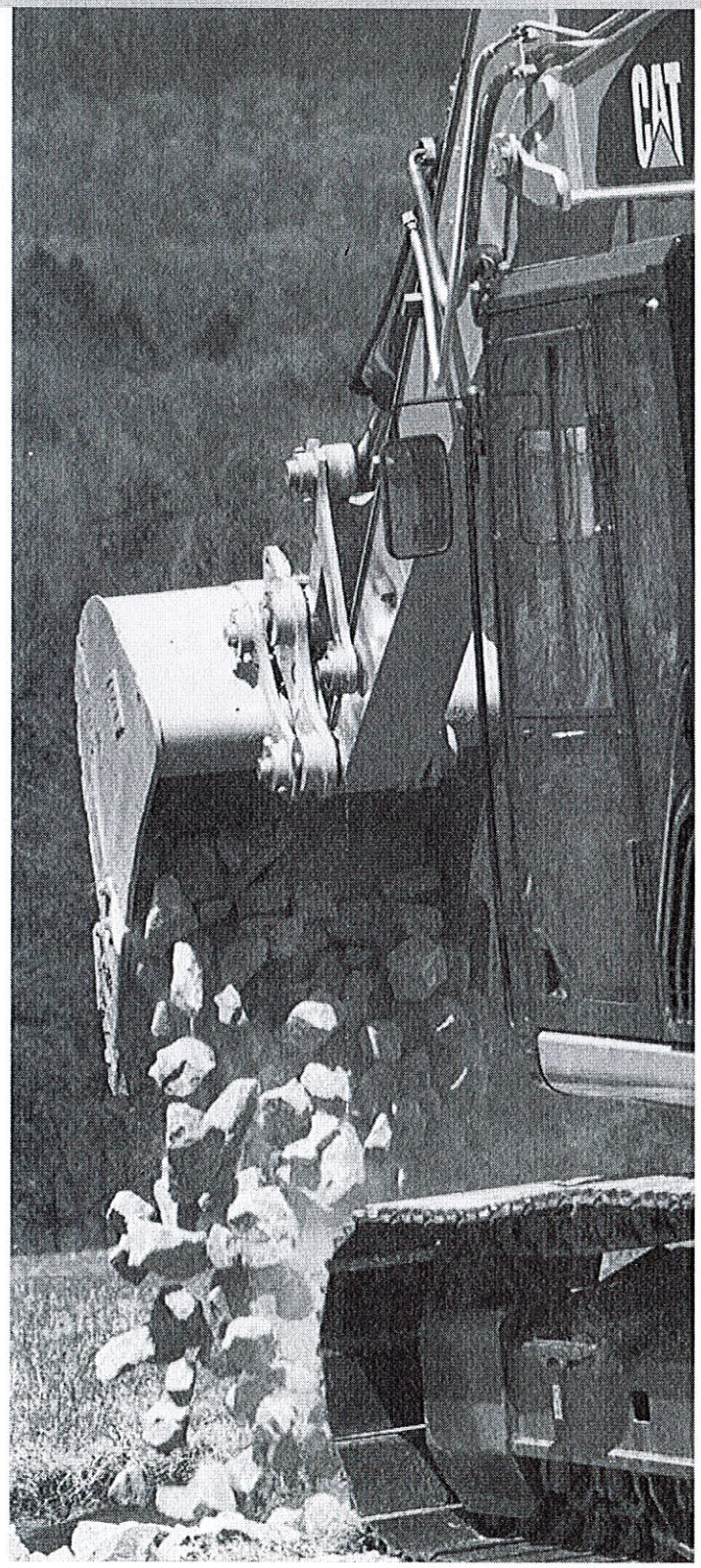
Cat LINK Technology wirelessly connects you to your equipment, giving you valuable insight into how your machine or fleet is performing. The system tracks location, hours, fuel usage, productivity, idle time, and diagnostic codes through the online VisionLink® interface so you can make timely, fact-based decisions to maximize efficiency, improve productivity, and lower operating costs.

Cat GRADE

Cat GRADE with Depth and Slope combines digital design data and in-cab guidance to help you work more productively and accurately with less rework. Real-time bucket tip positioning and cut and fill data on the standard cab monitor guide you to grade, saving money on fuel and materials.

Attachments

Tools to make you productive and profitable



Get The Most Out Of One Machine

You can easily expand the performance of your machine by utilizing any of the variety of attachments offered by Cat Work Tools.

Change Jobs Quickly

A quick coupler brings the ability to quickly change attachments and switch from job to job. The Cat Pin Grabber coupler is the secure way to decrease downtime and increase job site flexibility and overall productivity.

Dig, Finish, Load & Compact

A wide range of buckets dig everything from top soil to harsh, abrasive material. For finishing and grading work, compact and shallow ditch cleaning buckets fit the need. A Cat compactor prepares the area for the next phase of construction.

Mining, Demolition & Scrap

A hydraulic hammer equips your machine for breaking rock in quarries and preparing trenches on construction sites. Taking down bridge pillars and heavily reinforced concrete is no problem. Multi-processor, pulverizer, and shear attachments take your machine into structure demolition jobs and process the debris for reuse and recycle.

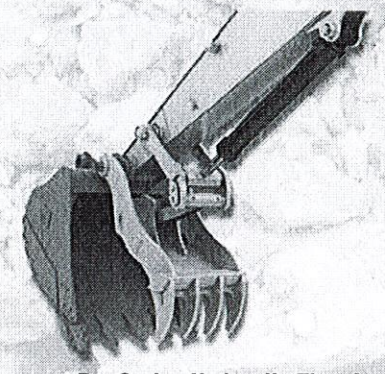
Move & Handle

Add a thumb and you have the ability to move and handle brush, rocks, and debris. For constant material handling, a grapple is your solution. Choose from three different styles for picking, sorting, and loading trash, demolition debris, or recyclables.

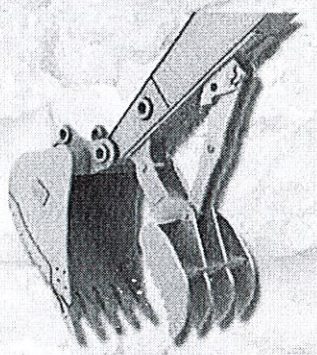
Set Up Your Machine For Profitability

Your Cat dealer can install hydraulic kits to properly operate all Cat Work Tool attachments – maximizing the machine's uptime and your profits. All Cat Work Tool attachments are supported by the same Cat dealer network as your Cat machine.

GRAB, SORT, LOAD

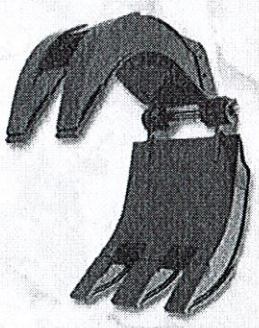


Pro Series Hydraulic Thumbs



Stiff Link Thumbs

Demolition & Sorting Grapple



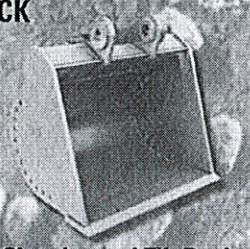
Contractors' Grapples

Trash Grapples

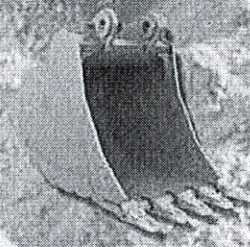
SWAP TOOLS

Pin Grabber Coupler

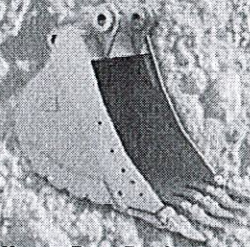
DIG & PACK



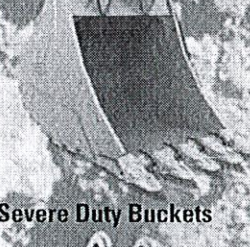
Ditch Cleaning and Tilt Buckets



General Duty Buckets



Heavy Duty Buckets



Severe Duty Buckets

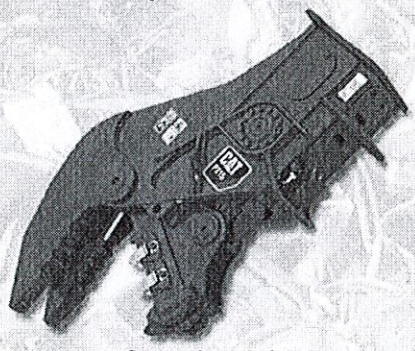
Extreme Duty Buckets

Vibratory Plate Compactors

CUT, CRUSH, BREAK & RIP

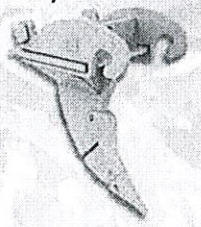
Multi-Processors

Scrap & Demolition Shears



Secondary Pulverizers

Hydraulic Hammers



Rippers

Ground-Level Access

You can reach most routine maintenance items like fluid taps and grease points from the safety and convenience of ground level. Not only do compartments feature wide service doors designed to help prevent debris entry, but they also securely latch in place to help make your service work simpler.

Serviceability

Designed to make your maintenance quick and easy

A Cool Design

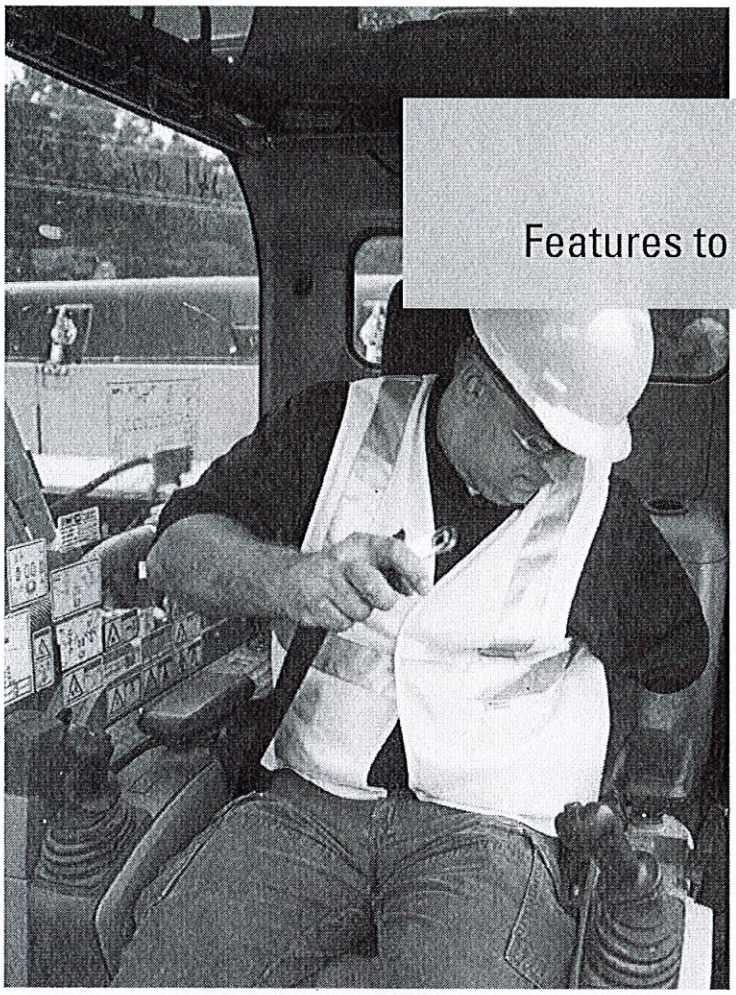
The high-ambient cooling system features a fuel-saving variable-speed fan and a side-by-side-mounted radiator and oil and air coolers for easy cleaning. Wider clearance between the two make blowing off debris easy for you, which can help improve your machine's reliability and performance.

A Fresh Idea

When you select ventilation inside the cab, outside air enters through the fresh air filter. The filter is conveniently located on the side of the cab to make it easy to reach and replace, and it is protected by a lockable door that can be opened with the engine key.

Other Service Benefits

The fuel tank's drain cock makes it easy and simple for you to remove water and sediment during routine maintenance. Plus an integrated fuel level indicator pops up to help you reduce the possibility of fuel tank overfilling.



Safety

Features to help protect you day in and day out

A Safe, Quiet Cab

The ROPS cab provides you with a safe working environment when properly seated and belted. It also contributes to your comfort because it's attached to a reinforced frame with special viscous mounts that limit vibration and unnecessary sound. Add in special roof lining and sealing and you have a cab that's as quiet inside as any of today's top pickup trucks.

Secure Contact Points

Multiple large steps get you into the cab as well as a leg up to the compartments. Extended hand and guard rails allow you to safely climb to the upper deck. Anti-skid plates reduce your slipping hazards in all types of weather conditions, and they can be removed for cleaning.

Great Views

Ample glass gives you excellent visibility out front and to the side, and the standard rearview camera gives you a clear field of view behind the machine through the cab monitor. The available split-configuration windshield features an upper window with handles that make it easy to slide and store above you and a lower window that can be removed and stored on the inside wall of the cab. The large skylight also serves as an emergency exit and provides you with enhanced overhead visibility.

Smart Lighting

Halogen lights provide plenty of illumination, and the cab and boom lights can be programmed to stay on for up to 90 seconds after the engine has been turned off to help you safely exit the machine. Optional High Intensity Discharge (HID) lights are available for enhanced night-time visibility.

Complete Customer Care

Support you can count on

Worldwide Parts Availability

Cat dealers utilize a worldwide parts network to maximize your machines' uptime. Plus they can help you save money with Cat remanufactured components.

Advice You Can Trust

What are the job requirements and machine attachments? What production is needed? Your Cat dealer can provide recommendations to help you make the right machine choices.

Financial Options Just For You

Consider financing options and day-to-day operating costs. Look at dealer services that can be included in the machine's cost to yield lower owning and operating costs over time.

Support Agreements To Fit Your Needs

Cat dealers offer a variety of customer support agreements and work with you to develop a plan to meet your specific needs. These plans can cover the entire machine, including attachments, to help protect your investment.

Operating Techniques To Boost Your Profits

Improving operating techniques can boost your profits. Your Cat dealer has videos, literature, and other ideas to help you increase productivity. Caterpillar also offers simulators and certified operator training to help maximize the return on your investment.

What's Best For You Today... And Tomorrow

Repair, rebuild, or replace? Your Cat dealer can help you evaluate the cost involved so you can make the best choice for your business.

Sustainability

Generations ahead in every way

- The C7.1 ACERT engine meets Tier 4 Final emission standards.
- The 330F performs the same amount of work while burning less fuel than the previous E Series model, which means more efficiency, less resources consumed, and fewer CO_2 emissions.
- The 330F has the flexibility of running on either ultra-low-sulfur diesel (ULSD) fuel with 15 ppm of sulfur or less or biodiesel (up to B20) fuel blended with ULSD.
- A ground-level overfill indicator rises when the tank is full to help the operator avoid spilling.
- The QuickEvac™ option ensures fast, easy, and secure changing of engine and hydraulic oil.
- The 330F is built to be rebuilt with major structures and components capable of being remanufactured to reduce waste and replacement costs.
- An engine oil filter eliminates the need for painted metal cans and aluminum top plates. The cartridge-style spin-on housing enables the internal filter to be separated and replaced; the used internal element can be incinerated to help reduce waste.
- The 330F is an efficient, productive machine that's designed to conserve our natural resources for generations ahead.

330F Hydraulic Excavator Specifications

Engine

Engine Model	Cat C7.1 ACERT	
Net Power – SAE J1349/ISO 9249	175 kW	239 hp
Gross Power – SAE J1995	178 kW	242 hp
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	428 in³

Weights

Minimum Operating Weight*	29 560 kg	65,169 lb
Maximum Operating Weight**	31 707 kg	69,902 lb

*6.15 m (20'2") Reach Boom, R3.2CB2 (10'6") Stick, 600 mm (24") SG Shoes, 5.8 mt (6.3 t) Counterweight, 1.3 m³ (1.70 yd³) Bucket.
**10.2 m (33'6") SLR Boom, 7.85 m (25'9") Stick, 800 mm (31") TG Shoes, 6.75 mt (7.4 t) Counterweight, 0.53 m³ (0.69 yd³) Bucket.

Hydraulic System

Main System – Maximum Flow (Total)	493 L/min	130 gal/min
Maximum Pressure – Equipment Heavy Lift	38 000 kPa	5,511 psi
Maximum Pressure – Equipment Normal	35 000 kPa	5,076 psi
Maximum Pressure – Travel	37 000 kPa	5,366 psi
Maximum Pressure – Swing	27 400 kPa	3,974 psi
Pilot System – Maximum Flow	23 L/min	6.1 gal/min
Pilot System – Maximum Pressure	4100 kPa	595 psi
Boom Cylinder – Bore	140 mm	6 in
Boom Cylinder – Stroke	1407 mm	55 in
Stick Cylinder – Bore	150 mm	6 in
Stick Cylinder – Stroke	1646 mm	65 in
CB2 Bucket Cylinder – Bore	150 mm	5.9 in
CB2 Bucket Cylinder – Stroke	1151 mm	45.3 in

Drive

Maximum Travel Speed	5.1 km/h	3.2 mph
Maximum Drawbar Pull	247 kN	55,528 lbf

Swing Mechanism

Swing Speed	9.6 rpm	
Swing Torque	82.2 kN·m	60,628 lbf-ft

Service Refill Capacities

Fuel Tank Capacity	520 L	137.4 gal
Cooling System	30 L	7.9 gal
Engine Oil (with filter)	24 L	6.3 gal
Swing Drive (each)	9 L	2.3 gal
Final Drive (each)	6 L	1.6 gal
Hydraulic System (including tank)	310 L	81.9 gal
Hydraulic Tank	175 L	46.2 gal
DEF Tank	41 L	10.8 gal

Track

Number of Shoes (each side)	
Long Undercarriage	50
Number of Track Rollers (each side)	
Long Undercarriage	9
Number of Carrier Rollers (each side)	
Long Undercarriage	2

Sound Performance

ISO 6396	
Operator Noise (Closed)	72 dB(A)
ISO 6395	
Spectator Noise	105 dB(A)

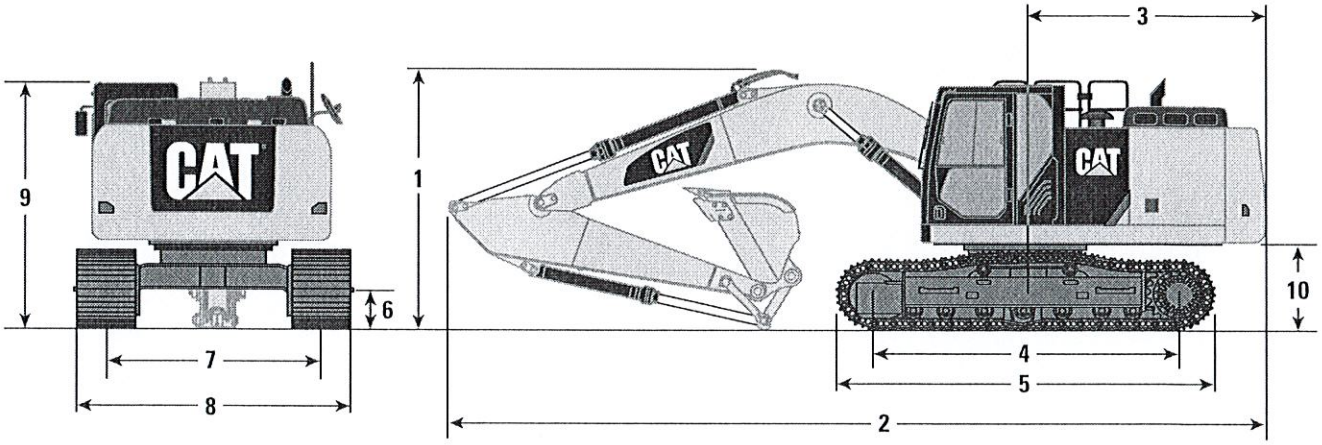
- When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed according to ANSI/SAE J1166 OCT98, meets OSHA and MSHA requirements for operator sound exposure limits in effect at time of manufacture.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.

Standards

Brakes	ISO 10265 2008
Cab/FOGS	ISO 10262 1998

Dimensions

All dimensions are approximate.



	Reach Boom 6.15 m (20'2")		Super Long Reach Boom 10.2 m (33'6")
Stick Size	**R3.75CB2 (12'4")**	**R3.2CB2 (10'6")**	**Super Long Reach 7.85 m (25'9")**
	mm (ft)	**mm (ft)**	**mm (ft)**
1 Shipping Height*	3680 (12'1")	3370 (11'1")	3230 (10'7")
2 Shipping Length	10 380 (34'1")	10 390 (34'1")	14 440 (47'5")
3 Tail Swing Radius	3090 (10'2")	3090 (10'2")	3090 (10'2")
4 Length to Center of Rollers			
Long Undercarriage	3990 (13'1")	3990 (13'1")	3990 (13'1")
5 Track Length			
Long Undercarriage	4860 (15'11")	4860 (15'11")	4860 (15'11")
6 Ground Clearance			
Long Undercarriage	490 (1'7")	490 (1'7")	490 (1'7")
7 Track Gauge			
Long Undercarriage	2590 (8'6")	2590 (8'6")	2590 (8'6")
8 Transport Width			
Long Undercarriage – 600 mm (24") Shoes	3190 (10'6")	3190 (10'6")	3190 (10'6")
Long Undercarriage – 800 mm (32") Shoes	3390 (11'1")	3390 (11'1")	3390 (11'1")
9 Cab Height with Top Guard	3240 (10'8")	3240 (10'8")	3240 (10'8")
10 Counterweight Clearance**	1110 (3'8")	1110 (3'8")	1110 (3'8")
Bucket Type	HD Bucket	HD Bucket	GD Bucket
Capacity	1.33 m^3 (1.74 yd^3)	1.54 m^3 (2.02 yd^3)	0.53 m^3 (0.69 yd^3)
Tip Radius	1650 mm (5'5")	1650 mm (5'5")	1225 mm (4'0")

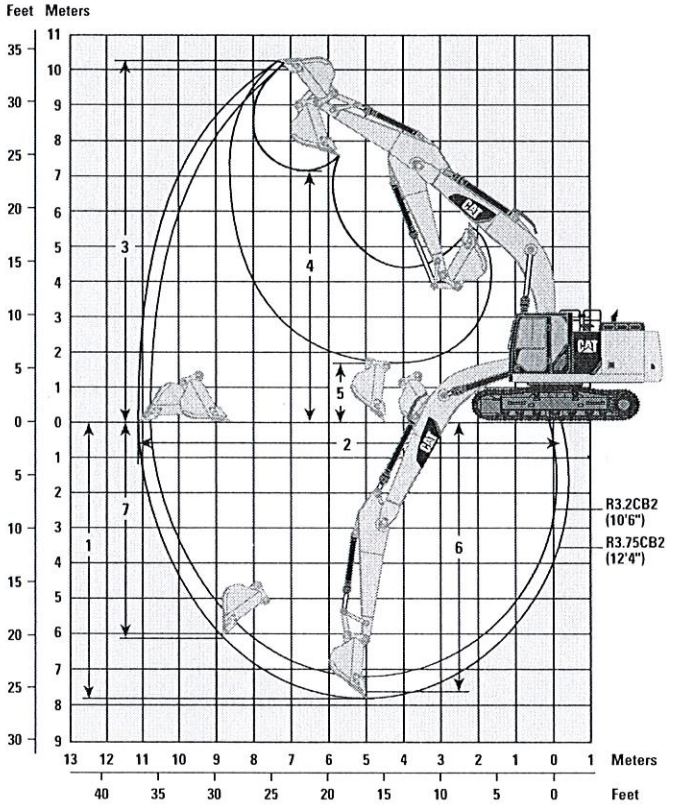
*Including shoe lug height.

**Without shoe lug height.

330F Hydraulic Excavator Specifications

Working Ranges

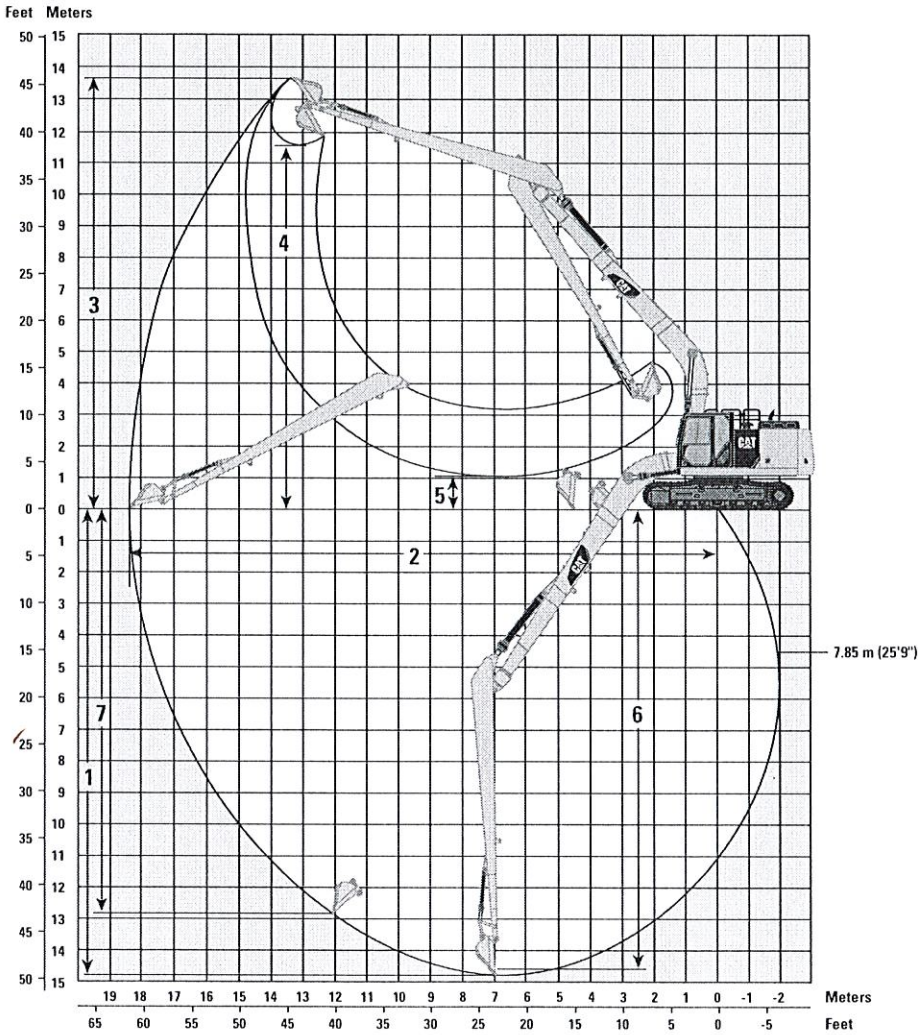
All dimensions are approximate.



	Reach Boom 6.15 m (20'2")	
Stick Size	**R3.75CB2 (12'4")**	**R3.2CB2 (10'6")**
	mm (ft)	**mm (ft)**
1 Maximum Digging Depth	7800 (25'6")	7250 (23'9")
2 Maximum Reach at Ground Level	11 180 (36'7")	10 680 (35'0")
3 Maximum Cutting Height	10 190 (33'4")	10 010 (32'10")
4 Maximum Loading Height	7140 (23'4")	6950 (22'10")
5 Minimum Loading Height	1740 (5'7")	2290 (7'6")
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	7660 (25'1")	7090 (23'3")
7 Maximum Vertical Wall Digging Depth	6420 (21'1")	5980 (19'7")
Bucket Type	HD Bucket	HD Bucket
Capacity	1.33 m³ (1.74 yd³)	1.54 m³ (2.02 yd³)
Tip Radius	1650 mm (5'5")	1650 mm (5'5")

Working Ranges

All dimensions are approximate.



	Super Long Reach Boom 10.2 m (33'6")
Stick Size	**Super Long Reach Stick 7.85 m (25'9")**
	mm (ft)
1 Maximum Digging Depth	14 750 (48'5")
2 Maximum Reach at Ground Level	18 420 (60'5")
3 Maximum Cutting Height	13 620 (44'8")
4 Maximum Loading Height	11 420 (37'6")
5 Minimum Loading Height	1170 (3'10")
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	14 650 (48'1")
7 Maximum Vertical Wall Digging Depth	12 690 (41'8")
Bucket Type	GD Bucket
Capacity	0.53 m³ (0.69 yd³)
Tip Radius	1225 mm (4'0")

330F Hydraulic Excavator Specifications

Operating Weight and Ground Pressure

	800 mm (32") Triple Grouser Shoes		600 mm (24") Single Grouser Shoes	
	kg (lb)	kPa (psi)	kg (lb)	kPa (psi)
Long Undercarriage				
Reach Boom – 6.15 m (20'2")				
R3.75CB2 (12'4")	30 412 (67,047)	43.4 (6.3)	29 721 (65,524)	56.5 (8.2)
R3.2CB2 (10'6")	30 335 (66,877)	43.3 (6.3)	29 644 (65,354)	56.4 (8.2)
Super Long Reach Boom – 10.2 m (33'6")				
Super Long Reach – 7.85 m (25'9")	31 639 (69,752)	45.1 (6.5)	–	–

Major Component Weights

	kg	lb
Base Machine (with boom cylinder, without counterweight, front linkage and track)		
Long Undercarriage	8656	19,083
Counterweight		
5.8 mt (6.3 t)	5800	12,787
6.75 mt (7.4 t) SLR model	6750	14,880
Boom (includes lines, pins and stick cylinder)		
Reach Boom – 6.15 m (20'2")	2242	4,943
Super Long Reach – 10.2 m (33'6")	3265	7,198
Stick (includes lines, pins and bucket cylinder)		
R3.75CB2 (12'4")	1342	2,959
R3.2CB2 (10'6")	1181	2,604
Super Long Reach	1512	3,333
Bucket Linkage		
CB2 with Lifting Eye	294	648
A with Lifting Eye	99	218
Track Shoes (Long/per two tracks)		
600 mm (24") Single Grouser	3855	8,499
800 mm (32") Triple Grouser	4546	10,022
Buckets		
CB1 1200HD – 1.33 m^3 (1.74 yd^3)	1047	2,309
CB1 1350HD – 1.54 m^3 (2.02 yd^3)	1131	2,493
A1200DC – 0.57 m^3 (0.75 yd^3)	326	718
A905GD – 0.53 m^3 (0.69 yd^3)	394	869

All weights are rounded up to nearest 10 kg and lb except for buckets. Kg and lb were rounded up separately so some of the kg and lb do not match.

Base machine includes 75 kg (165 lb) operator weight, 90% fuel weight, and undercarriage with center guard.

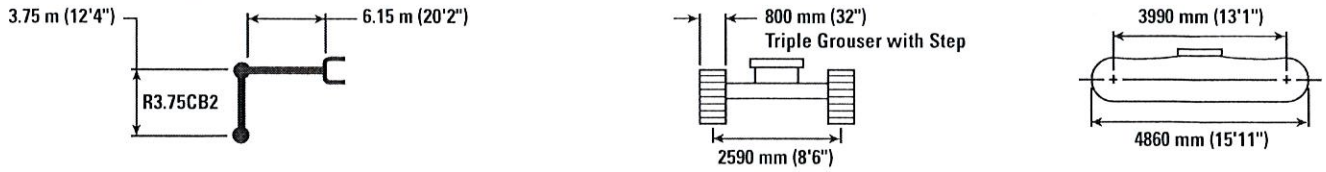
700 mm (28") triple grouser heavy duty track shoe is not used in the calculation for operating weight and ground pressure.

Bucket and Stick Forces

	Reach Boom 6.15 m (20'2")		Super Long Reach Boom 10.2 m (33'6")
	CB-Family Bucket		A-Family Bucket
Stick Size	**R3.75CB2 (12'4")**	**R3.2CB2 (10'6")**	**Super Long Reach 7.85 m (25'9")**
	kN (lbf)	**kN (lbf)**	**kN (lbf)**
General Duty			
Bucket Digging Force (SAE)	–	161 (36,200)	–
Stick Digging Force (SAE)	–	123 (27,700)	–
Heavy Duty			
Bucket Digging Force (SAE)	158 (35,519)	158 (35,500)	–
Stick Digging Force (SAE)	111 (24,953)	123 (27,700)	–
Severe Duty			
Bucket Digging Force (SAE)	–	158 (35,500)	–
Stick Digging Force (SAE)	–	123 (27,700)	–

330F Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
7.5 m	kg									*5950	*5950			*4750	*4750	7.89
25.0 ft	lb									*11,950	*11,950			*10,500	*10,500	25.60
6.0 m	kg									*7150	6150			*4550	*4550	8.78
20.0 ft	lb									*15,550	13,250			*10,050	*10,050	28.64
4.5 m	kg									*7700	6000	*6000	4500	*4550	4200	9.34
15.0 ft	lb							*18,100	*18,100	*16,800	12,950	*11,850	9,600	*9,950	9,300	30.57
3.0 m	kg					*12 800	12 450	*9950	8100	*8550	5800	6750	4400	*4650	3950	9.63
10.0 ft	lb					*27,500	26,800	*21,500	17,400	*18,550	12,500	14,500	9,400	*10,200	8,650	31.58
1.5 m	kg					*15 850	11 600	*11 550	7650	8750	5600	6650	4300	*4900	3850	9.68
5.0 ft	lb					*34,150	24,950	*25,000	16,500	18,750	12,000	14,250	9,200	*10,800	8,450	31.77
0 m	kg			*6500	*6500	*17 650	11 100	11 950	7350	8550	5400	6550	4200	*5350	3900	9.50
0 ft	lb			*14,900	*14,900	*38,150	23,900	25,700	15,850	18,350	11,650	14,050	9,000	*11,800	8,550	31.15
–1.5 m	kg	*6400	*6400	*10 250	*10 250	*18 100	10 900	11 750	7200	8400	5300	6500	4150	*6150	4100	9.06
–5.0 ft	lb	*14,250	*14,250	*23,200	*23,200	*39,250	23,450	25,300	15,500	18,100	11,400			*13,550	9,050	29.68
–3.0 m	kg	*10 650	*10 650	*15 300	*15 300	*17 450	10 900	11 750	7200	8400	5300			7300	4650	8.32
–10.0 ft	lb	*23,850	*23,850	*34,750	*34,750	*37,800	23,500	25,250	15,450	18,100	11,400			16,100	10,250	27.20
–4.5 m	kg	*15 850	*15 850	*21 850	*21 850	*15 550	11 100	*11 650	7300					*9000	5750	7.20
–15.0 ft	lb			*47,050	*47,050	*33,450	23,850	*24,900	15,700					*19,850	12,800	23.41
–6.0 m	kg					*11 350	*11 350							*8850	8700	5.45
–20.0 ft	lb					*23,650	*23,650							*21,350	*21,350	16.32

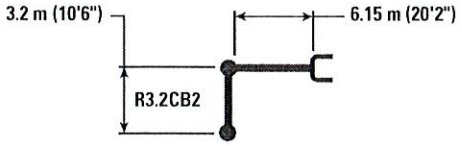
* ISO 10567

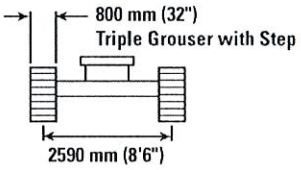
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

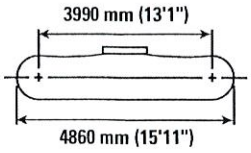
Lift capacity stays with ±5% for all available track shoes.

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

HD Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket







		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
7.5 m	kg													*5600	*5600	7.27
25.0 ft	lb													*12,400	*12,400	23.54
6.0 m	kg									*7850	6200			*5350	5300	8.23
20.0 ft	lb									*16,700	13,300			*11,750	*11,750	26.83
4.5 m	kg							*9200	8500	*8350	6100			*5300	4700	8.82
15.0 ft	lb							*19,950	18,350	*18,200	13,050			*11,650	10,350	28.88
3.0 m	kg					*14 150	12 400	*10 750	8150	9050	5900	*6500	4500	*5450	4400	9.13
10.0 ft	lb					*30,450	26,700	*23,250	17,550	19,400	12,650			*12,000	9,650	29.95
1.5 m	kg					*16 900	11 650	*12 200	7750	8800	5700	6750	4400	*5800	4250	9.19
5.0 ft	lb					*36,450	25,100	*26,400	16,750	18,950	12,250	*13,700	9,450	*12,700	9,350	30.15
0 m	kg					*18 150	11 300	12 100	7550	8650	5550			*6350	4350	8.99
0 ft	lb					*39,300	24,300	26,000	16,200	18,600	11,950			*14,000	9,550	29.50
–1.5 m	kg	*6750	*6750	*10 600	*10 600	*18 150	11 200	11 950	7400	8600	5500			7200	4650	8.52
–5.0 ft	lb	*15,050	*15,050	*24,050	*24,050	*39,350	24,100	25,700	15,950	18,450	11,800			15,800	10,250	27.93
–3.0 m	kg	*12 100	*12 100	*17 150	*17 150	*17 050	11 250	12 000	7450	8600	5500			8250	5300	7.74
–10.0 ft	lb	*27,150	*27,150	*38,900	*38,900	*36,900	24,250	25,750	16,000	18,600	11,900			18,300	11,750	25.28
–4.5 m	kg			*19 750	*19 750	*14 500	11 500	*10 750	7600					*9400	6850	6.51
–15.0 ft	lb			*42,500	*42,500	*31,150	24,750	*22,750	16,400					*20,700	15,300	21.13

* ISO 10567

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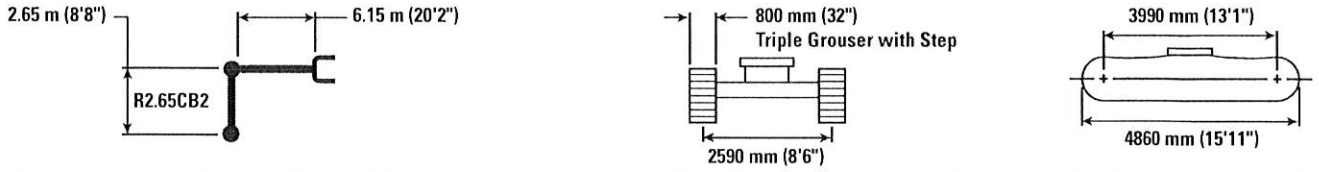
Lift capacity stays with ±5% for all available track shoes.

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

330F Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft
7.5 m	kg									*7350	*7350	6.67
25.0 ft	lb					*19,150	18,950			*16,300	*16,300	21.52
6.0 m	kg					*8900	8750	*8350	6150	*6900	5900	7.70
20.0 ft	lb					*19,450	18,800	*15,750	13,200	*15,250	13,100	25.08
4.5 m	kg			*12 250	*12 250	*10 000	8450	*8950	6050	*6850	5150	8.33
15.0 ft	lb			*26,350	*26,350	*21,700	18,200	*19,550	13,050	*15,050	11,350	27.26
3.0 m	kg			*15 450	12 200	*11 450	8100	9050	5900	*7000	4750	8.66
10.0 ft	lb			*33,250	26,300	*24,800	17,450	19,400	12,700	*15,400	10,500	28.40
1.5 m	kg			*16 500	11 600	12 350	7800	8850	5750	7100	4650	8.72
5.0 ft	lb			*38,400	25,000	26,600	16,750	19,000	12,350	15,600	10,200	28.61
0 m	kg			*17 550	11 350	12 150	7600	8700	5600	7300	4750	8.51
0 ft	lb			*40,000	24,450	26,100	16,350	18,750	12,100	16,050	10,450	27.92
–1.5 m	kg	*10 350	*10 350	*17 950	11 350	12 050	7500	8700	5600	7950	5150	8.01
–5.0 ft	lb	*23,600	*23,600	*38,950	24,400	25,950	16,200	18,700	12,050	17,500	11,350	26.26
–3.0 m	kg	*19 400	*19 400	*16 400	11 450	12 150	7600			9350	6000	7.17
–10.0 ft	lb	*44,200	*44,200	*35,450	24,700	26,100	16,350			20,750	13,350	23.42
–4.5 m	kg	*17 250	*17 250	*13 100	11 750					*9550	8150	5.83
–15.0 ft	lb			*27,900	25,350					*20,900	18,400	18.85

* ISO 10567

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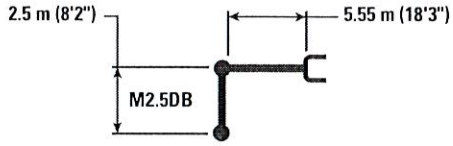
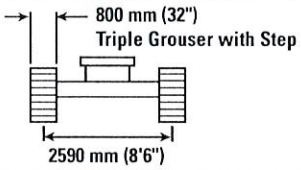
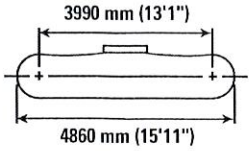
Lift capacity stays with ±5% for all available track shoes.

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

Mass Boom Lift Capacities – Counterweight: 5.8 mt (6.3 t) – without Bucket







		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft
7.5 m 25.0 ft	kg lb									*8650 *19,250	*8650 *19,250	5.49 17.60
6.0 m 20.0 ft	kg lb					*9650 *21,200	8650 18,550			*8050 *17,750	7150 16,050	6.71 21.82
4.5 m 15.0 ft	kg lb			*12 250 *26,450	*12 250 *26,450	*10 400 *22,650	8400 18,100			*8000 *17,600	6000 13,300	7.43 24.31
3.0 m 10.0 ft	kg lb			*15 200 *32,700	12 350 26,600	*11 650 *25,300	8100 17,400	8950 19,250	5800 12,500	*8300 *18,300	5450 12,050	7.80 25.57
1.5 m 5.0 ft	kg lb			*17 550 *37,900	11 700 25,200	12 400 26,600	7750 16,700	8800 18,900	5650 12,200	8200 18,050	5300 11,650	7.87 25.81
0 m 0 ft	kg lb			*18 400 *39,800	11 400 24,500	12 150 26,100	7550 16,300	8700 18,700	5600 12,000	8500 18,700	5450 12,000	7.63 25.04
–1.5 m –5.0 ft	kg lb	*17 350 *39,450	*17 350 *39,450	*17 750 *38,450	11 350 24,400	12 100 26,000	7500 16,150			9450 20,900	6050 13,300	7.08 23.17
–3.0 m –10.0 ft	kg lb	*21 150 *45,750	*21 150 *45,750	*15 550 *33,500	11 500 24,750	*11 200	7650			*10 900 *24,000	7500 16,600	6.10 19.88

* ISO 10567

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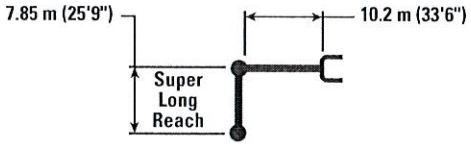
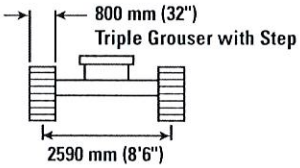
Lift capacity stays with ±5% for all available track shoes.

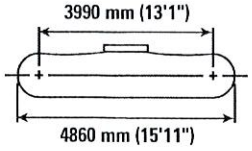
Always refer to the appropriate Operation and Maintenance Manual for specific product information.

330F Hydraulic Excavator Specifications

Super Long Reach Boom Lift Capacities – Counterweight: 6.75 mt (7.4 t) – without Bucket







		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
12.0 m 40.0 ft	kg lb													*1350 *2,950	*1350 *2,950	14.02 45.54
10.5 m 35.0 ft	kg lb													*1300 *2,800	*1300 *2,800	15.00 48.88
9.0 m 30.0 ft	kg lb													*1250 *2,750	*1250 *2,750	15.77 51.52
7.5 m 25.0 ft	kg lb													*1250 *2,750	*1250 *2,750	16.37 53.56
6.0 m 20.0 ft	kg lb													*1250 *2,750	*1250 *2,750	16.81 55.06
4.5 m 15.0 ft	kg lb													*1300 *2,800	*1300 *2,800	17.10 56.08
3.0 m 10.0 ft	kg lb			*4150	*4150							*4650 *10,100	*4650 *10,100	*1350 *2,900	*1350 *2,900	17.27 56.63
1.5 m 5.0 ft	kg lb			*1550 *3,550	*1550 *3,550	*5200 *12,200	*5200 *12,200	*8300 *17,800	7500 16,200	*6400 *13,850	5600 12,050	*5350 *11,550	4350 9,400	*1400 *3,000	*1400 *3,000	17.29 56.74
0 m 0 ft	kg lb			*1650 *3,750	*1650 *3,750	*3600 *8,250	*3600 *8,250	*8250 *19,300	6750 14,600	*7350 *15,850	5100 11,050	*6000 *12,950	4050 8,700	*1450 *3,150	*1450 *3,150	17.19 56.40
–1.5 m –5.0 ft	kg lb	*1650 *3,600	*1650 *3,600	*2150 *4,800	*2150 *4,800	*3550 *8,000	*3550 *8,000	*6500 *14,950	6300 13,550	7900 17,050	4750 10,250	6150 13,300	3800 8,100	*1550 *3,400	1500 3,250	16.95 55.60
–3.0 m –10.0 ft	kg lb	*2250 *4,950	*2250 *4,950	*2750 *6,100	*2750 *6,100	*3900 *8,750	*3900 *8,750	*6250 *14,250	6050 13,000	7650 16,450	4550 9,750	5950 12,850	3600 7,700	*1650 *3,650	1500 3,300	16.58 54.34
–4.5 m –15.0 ft	kg lb	*2850 *6,300	*2850 *6,300	*3350 *7,500	*3350 *7,500	*4450 *10,000	*4450 *10,000	*6550 *14,950	5900 12,700	7500 16,150	4400 9,450	5850 12,550	3450 7,450	*1850 *4,050	1600 3,450	16.05 52.56
–6.0 m –20.0 ft	kg lb	*3450 *7,700	*3450 *7,700	*4050 *9,050	*4050 *9,050	*5150 *11,650	*5150 *11,650	*7250 *16,500	5900 12,700	7450 16,050	4350 9,350	5800 12,450	3400 7,350	*2050 *4,600	1700 3,700	15.36 50.22
–7.5 m –25.0 ft	kg lb	*4150 *9,250	*4150 *9,250	*4800 *10,800	*4800 *10,800	*6000 *13,600	*6000 *13,600	*8250 *18,800	5950 12,800	7500 16,100	4350 9,400	5800 12,450	3400 7,350	*2400 *5,350	1850 4,100	14.47 47.23
–9.0 m –30.0 ft	kg lb	*4850 *10,900	*4850 *10,900	*5650 *12,750	*5650 *12,750	*7050 *15,950	*7050 *15,950	*9650 *22,100	6100 13,150	7550 16,300	4450 9,600	5850 12,600	3450 7,500	*2950 *6,600	2100 4,700	13.36 43.45
–10.5 m –35.0 ft	kg lb	*5650 *12,700	*5650 *12,700	*6650 *15,000	*6650 *15,000	*8350 *19,000	8350 *19,000	*9950 *21,300	6300 13,600	7750 16,700	4600 9,950	5950 12,900	3600 7,750	*3900 *8,900	2550 5,700	11.96 38.66
–12.0 m –40.0 ft	kg lb			*7800 *17,700	*7800 *17,700	*10 100 *23,200	*10 100 22,050	*8650 *18,350	6600 14,300	*7050 *14,850	4850 10,500	*5800 *12,100	3800 8,250	*4900 *10,850	3300 7,550	10.15 32.40
–13.5 m	kg													*5550	*5550	7.10

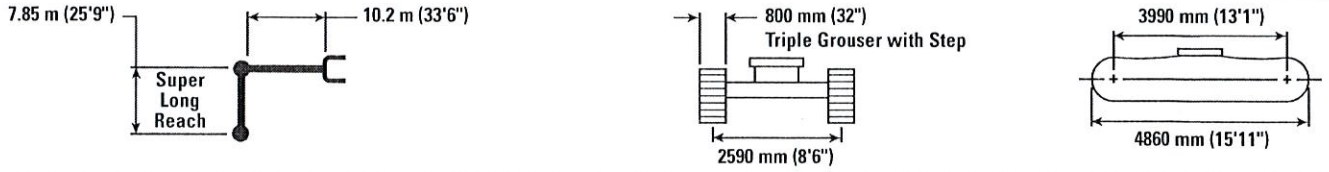
* ISO 10567

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

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

Super Long Reach Boom Lift Capacities – Counterweight: 6.75 mt (7.4 t) – without Bucket



		10.5 m/35.0 ft		12.0 m/40.0 ft		13.5 m/45.0 ft		15.0 m/50.0 ft		16.5 m/55.0 ft				m ft
12.0 m	kg											*1350	*1350	14.02
40.0 ft	lb					*3,350	*3,350					*2,950	*2,950	45.54
10.5 m	kg											*1300	*1300	15.00
35.0 ft	lb											*2,800	*2,800	48.88
9.0 m	kg							*2050	*2050			*1250	*1250	15.77
30.0 ft	lb							*3,950	*3,950			*2,750	*2,750	51.52
7.5 m	kg					*3000	2800	*2550	2300			*1250	*1250	16.37
25.0 ft	lb					*6,550	6,000	*5,150	4,850			*2,750	*2,750	53.56
6.0 m	kg					*3150	2750	*2950	2250	*1700	*1700	*1250	*1250	16.81
20.0 ft	lb					*6,900	5,850	*6,050	4,750	*2,850	*2,850	*2,750	*2,750	55.06
4.5 m	kg			*3500	3200	*3350	2600	*3300	2150	*2100	1750	*1300	*1300	17.10
15.0 ft	lb			*7,650	6,900	*7,350	5,600	*6,850	4,550	*3,850	3,750	*2,800	*2,800	56.08
3.0 m	kg	*4200	3750	*3850	3050	*3600	2500	3300	2050	*2350	1700	*1350	*1350	17.27
10.0 ft	lb	*9,050	8,050	*8,350	6,500	*7,850	5,350	7,000	4,400	*4,500	3,650	*2,900	*2,900	56.63
1.5 m	kg	*4650	3500	*4200	2850	3750	2350	3200	2000	*2550	1650	*1400	*1400	17.29
5.0 ft	lb	*10,100	7,550	*9,100	6,150	8,050	5,050	6,800	4,200	*4,800	3,500	*3,000	*3,000	56.74
0 m	kg	*5150	3300	4300	2700	3650	2250	3100	1900	*2550	1600	*1450	*1450	17.19
0 ft	lb	*11,100	7,050	9,250	5,800	7,800	4,800	6,650	4,050	*4,800	3,400	*3,150	*3,150	56.40
–1.5 m	kg	5000	3100	4150	2550	3500	2150	3000	1800	*2400	1550	*1550	1500	16.95
–5.0 ft	lb	10,750	6,600	8,950	5,500	7,550	4,600	6,500	3,900	*4,150	3,300	*3,400	3,250	55.60
–3.0 m	kg	4850	2950	4050	2450	3450	2050	2950	1750	*1850	1550	*1650	1500	16.58
–10.0 ft	lb	10,400	6,300	8,700	5,250	7,400	4,450	6,350	3,750			*3,650	3,300	54.34
–4.5 m	kg	4750	2850	3950	2350	3400	2000	2950	1750			*1850	1600	16.05
–15.0 ft	lb	10,200	6,100	8,500	5,100	7,250	4,300	6,300	3,700			*4,050	3,450	52.56
–6.0 m	kg	4700	2800	3900	2350	3350	2000	2950	1750			*2050	1700	15.36
–20.0 ft	lb	10,100	6,000	8,450	5,000	7,200	4,300	*4,950	3,750			*4,600	3,700	50.22
–7.5 m	kg	4700	2800	3950	2350	3400	2000					*2400	1850	14.47
–25.0 ft	lb	10,100	6,000	8,450	5,050	7,300	4,350					*5,350	4,100	47.23
–9.0 m	kg	4750	2850	4000	2400							*2950	2100	13.36
–30.0 ft	lb	10,200	6,100	8,600	5,150							*6,600	4,700	43.45
–10.5 m	kg	4850	2950									*3900	2550	11.96
–35.0 ft	lb	10,500	6,400									*8,900	5,700	38.66
–12.0 m	kg											*4900	3300	10.15
–40.0 ft	lb											*10,850	7,550	32.40
–13.5 m	kg											*5550	*5550	7.10

* ISO 10567

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

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

Work Tool Offering Guide*

Boom Type	Reach Boom	
Stick Size	**R3.75 HD**	**R3.2 HD**
Hydraulic Hammer	H120Es H130Es H140Es	H120Es H130Es H140Es
Multi-Processor	MP324 CC Jaw** MP324 D Jaw** MP324 P Jaw*** MP324 S Jaw** MP324 TS Jaw*** MP324 U Jaw***	MP324 CC Jaw MP324 D Jaw MP324 P Jaw** MP324 S Jaw MP324 TS Jaw** MP324 U Jaw
Pulverizer	P225**	P225
Demolition and Sorting Grapple	G320B-D/R*** G325B-D/R***	G320B-D/R G325B-D/R***
Scrap and Demolition Shear	S320B S340B##	S320B S325B*** S340B##
Compactor (Vibratory Plate)	CVP110	CVP110
Contractors' Grapple	G120B – G130B	G120B – G130B
Orange Peel Grapple	These work tools are available for the 330F L. Consult your Cat dealer for proper match.	
Rippers		
Trash Grapple		
Thumbs		
Rakes		
Pin Grabber Coupler Cat-PG		
Dedicated Quick Coupler		

* Offerings not available in all areas. Matches are dependent on excavator configurations. Consult your Cat dealer to determine what is offered in your area and for proper work tool match.

** Match; Pin-on or Dedicated Quick Coupler

*** Match; Pin-on only

Match; Boom Mount

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Reach Boom		Super Long Reach Boom
		mm	in	m^3	yd^3	kg	lb	%	R3.75 (12'4")	R3.2 (10'6")	10.2 m (33'6")
Without Quick Coupler											
General Duty (GDC)	CB	600	24	0.63	0.83	724	1,595	100%	●	●	
	CB	750	30	0.86	1.13	810	1,785	100%	●	●	
	CB	900	36	1.09	1.43	907	1,998	100%	●	●	
	CB	1050	42	1.34	1.75	979	2,157	100%	●	●	
	CB	1200	48	1.58	2.07	1070	2,358	100%	⦿	●	
	CB	1350	54	1.83	2.40	1164	2,564	100%	⊖	⦿	
Heavy Duty (HD)	CB	600	24	0.52	0.68	763	1,681	100%	●	●	
	CB	750	30	0.71	0.93	847	1,866	100%	●	●	
	CB	900	36	0.91	1.19	935	2,061	100%	●	●	
	CB	1050	42	1.12	1.46	1024	2,256	100%	●	●	
	CB	1200	48	1.33	1.74	1095	2,413	100%	●	●	
	CB	1350	54	1.54	2.02	1188	2,618	100%	⦿	●	
	CB	1500	60	1.76	2.30	1285	2,831	100%	⊖	⦿	
	CB	1650	66	1.97	2.58	1357	2,990	100%	○	⊖	
Severe Duty (SD)	CB	600	24	0.52	0.68	810	1,784	90%	●	●	
	CB	750	30	0.71	0.93	902	1,987	90%	●	●	
	CB	900	36	0.91	1.19	999	2,202	90%	●	●	
	CB	1050	42	1.12	1.46	1097	2,417	90%	●	●	
	CB	1200	48	1.33	1.74	1178	2,595	90%	●	●	
Ditch Cleaning (DC)	A	1200	48	0.57	0.74	388	855	100%			⊖
General Duty (GD)	A	900	36	0.53	0.69	394	869	100%			⊖
Maximum load pin on (payload + bucket)								kg	3937	4417	1288
								lb	8,677	9,735	2,839

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity over the side with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

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)

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.

330F Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	Reach Boom		Super Long Reach Boom
		mm	in	m^3	yd^3	kg	lb	%	R3.75 (12'4")	R3.2 (10'6")	10.2 m (33'6")
With Pin Grabber Coupler											
General Duty (GDC)	CB	600	24	0.63	0.83	724	1,595	100%	●	●	
	CB	750	30	0.86	1.13	810	1,785	100%	●	●	
	CB	900	36	1.09	1.43	907	1,998	100%	●	●	
	CB	1050	42	1.34	1.75	979	2,157	100%	⦿	●	
	CB	1200	48	1.58	2.07	1070	2,358	100%	⊖	⦿	
	CB	1350	54	1.83	2.40	1164	2,564	100%	○	⊖	
Heavy Duty (HD)	CB	600	24	0.52	0.68	763	1,681	100%	●	●	
	CB	750	30	0.71	0.93	847	1,866	100%	●	●	
	CB	900	36	0.91	1.19	935	2,061	100%	●	●	
	CB	1050	42	1.12	1.46	1024	2,256	100%	●	●	
	CB	1200	48	1.33	1.74	1095	2,413	100%	⦿	●	
	CB	1350	54	1.54	2.02	1188	2,618	100%	⊖	⦿	
	CB	1500	60	1.76	2.30	1285	2,831	100%	○	⊖	
	CB	1650	66	1.97	2.58	1357	2,990	100%	◇	○	
Severe Duty (SD)	CB	600	24	0.52	0.68	810	1,784	90%	●	●	
	CB	750	30	0.71	0.93	902	1,987	90%	●	●	
	CB	900	36	0.91	1.19	999	2,202	90%	●	●	
	CB	1050	42	1.12	1.46	1097	2,417	90%	●	●	
	CB	1200	48	1.33	1.74	1178	2,595	90%	⦿	●	
Maximum load pin on (payload + bucket)								kg	3432	3912	730
								lb	7,565	8,623	1,609

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)

The above loads are in compliance with hydraulic excavator standard EN474, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity over the side with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451.

Bucket weight with General Duty tips.

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.

Standard Equipment

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

ENGINE

- C7.1 ACERT diesel engine
- Biodiesel capable up to B20
- Meets Tier 4 Final emission standards
- 4600 m (15,090 ft) altitude capability
- Electric fuel lifting pump
- Automatic engine speed control
- Standard, economy and high power modes
- Two-speed travel
- Side-by-side cooling system
- Radial seal air filter
- Primary filter with water separator and water separator indicator switch
- Fuel differential indicator switch in fuel line
- 1×4 micron main filters
- 1×10 micron primary fuel line filter

HYDRAULIC SYSTEM

- Electric Boom Regeneration Circuit
- Stick Regeneration Circuit
- Reverse swing dampening valve
- Automatic swing parking brake
- High-performance hydraulic return filter
- Capability of installing HP stackable valve and medium and QC valve
- Capability of installing additional auxiliary pump and circuit
- Capability of installing boom lowering control device and stick lowering check valve
- Capability of installing Cat Bio hydraulic oil

CAB

- Pressurized operator station with positive filtration
- Mirror package
- Sliding upper door window (left-hand cab door)
- Glass-breaking safety hammer
- Removable lower windshield with in cab storage bracket
- Coat hook
- Beverage holder
- Literature holder
- Radio with MP3 auxiliary audio port
- Two stereo speakers
- Storage shelf suitable for lunch or toolbox
- Color LCD display with warning, filter/fluid change, and working hour information
- Adjustable armrest
- Height adjustable joystick consoles
- Neutral lever (lock out) for all controls
- Travel control pedals with removable hand levers
- Capability of installing two additional pedals
- Two power outlets, 10 amp (total)
- Laminated glass front upper window and tempered other windows
- Cab hatch emergency exit
- AM/FM radio

UNDERCARRIAGE

- Grease Lubricated Track GLT2, resin seal
- Towing eye on base frame

ELECTRICAL

- 115 amp alternator
- Circuit breaker
- Capability to electrically connect a beacon

LIGHTS

- Boom light with time delay
- Cab lights with time delay
- Exterior lights integrated into storage box

SECURITY

- Cat one key security system
- Door locks
- Cap locks on fuel and hydraulic tanks
- Lockable external tool/storage box
- Signaling/warning horn
- Secondary engine shutoff switch
- Openable skylight for emergency exit
- Rearview camera

330F Optional Equipment

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

ENGINE
- Starting kit, cold weather, –32° C (–26° F)
- Jump start receptacle
- Quick drains, engine and hydraulic oil

HYDRAULIC SYSTEM
- Control pattern quick-changer, two way
- Additional circuit
- Boom and stick lines
- High-pressure line
- Medium-pressure line
- Cat quick coupler line – high- and medium-pressure capable
- Quick coupler for high pressure
- Tool control system

CAB
- Seat, high-back air suspension with heater and cooling
- Seat, high-back air suspension with heater
- Sunscreen
- Windshield wiper, with washer
- Air pre-filter
- Travel alarm
- Straight travel pedal

UNDERCARRIAGE
- 600 mm (24") single grouser shoes
- 800 mm (32") triple grouser shoes
- Guard, full length for long undercarriage
- Guard, heavy-duty bottom
- Segmented (3 piece) track guiding guard

COUNTERWEIGHT
- 5.8 mt (6.3 t)
- 6.75 mt (7.4 t)

FRONT LINKAGE
- Bucket linkage, CB2 family with lifting eye
- Reach 6.15 m (20'2") boom
- R3.75 m (12'4") stick
- R3.2 m (10'6") stick
- Super Long Reach 10.2 m (33'6") boom
- SLR 7.85 m (25'9") stick

LIGHTS
- Working lights, cab mounted with time delay
- Halogen boom lights

SECURITY
- FOGS, bolt-on
- Guard, cab front, mesh
- Guard, vandalism
- Cat MSS (anti-theft)

TECHNOLOGY
- Cat Grade Control Depth and Slope
- Product Link™

Notes

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

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

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VisionLink is a trademark of Trimble Navigation Limited, registered in the United States and in other countries.

AEHQ7637-01 (01-2016)
Replaces AEHQ7637
(North America)

Effective with sales to the first user on or after November 1, 2010

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:

This warranty does not apply to new replacement engines.

This warranty does not apply to selected models or new replacement engines designated by Caterpillar in India and China.

(In other areas different warranties may apply. Copies of applicable warranties may be obtained by writing to Caterpillar Inc., 100 N.E. Adams St., Peoria, IL 61629.)

- 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, or Cat Work Tools, which 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.

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, except in the case of a new replacement engine originally installed by other than a Cat dealer or source approved by Caterpillar. In this case, labor is limited to repair only, and removal and installation is the user's responsibility.

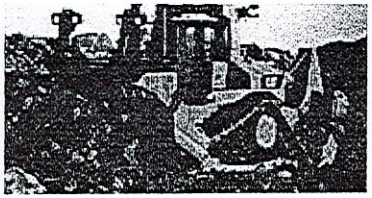
User Responsibilities

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.

(continued on the reverse side....)

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

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

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

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

Steering Clutch
Steering Clutch & Brake Control Valve

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.

Effective with sales to the first user on or after November 1, 2010

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:

This warranty does not apply to new replacement engines.

This warranty does not apply to selected models or new replacement engines designated by Caterpillar in India and China.

(In other areas different warranties may apply. Copies of applicable warranties may be obtained by writing to Caterpillar Inc., 100 N.E. Adams St., Peoria, IL 61629.)

- 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, or Cat Work Tools, which 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.

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, except in the case of a new replacement engine originally installed by other than a Cat dealer or source approved by Caterpillar. In this case, labor is limited to repair only, and removal and installation is the user's responsibility.

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.

(continued on the reverse side....)

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 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.

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.

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.

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.

TO THE EXTENT PERMITTED UNDER THE MANDATORY RIGHTS, IF CATERPILLAR IS THE SUPPLIER TO THE USER, CATERPILLAR'S LIABILITY SHALL BE LIMITED AT ITS 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.

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.

E-Verify

Employment Eligibility Verification

Welcome Teresa Morton | User ID TMOP9-102 | Last Login 09:22 AM - 01/06/2012 | Log Out

Click any ? for help

- Home
- My Cases
- New Case
- View Cases
- Search Cases
- My Profile
- Edit Profile
- Change Password
- Change Security Questions
- My Company
- Edit Company Profile
- Add New User
- View Existing Users
- Close Company Account
- My Reports
- View Reports
- My Resources
- View Essential Resources
- Take Tutorial
- View User Manual
- Contact Us

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,

Company ID Number: 47130

THE E-VERIFY PROGRAM FOR EMPLOYMENT VERIFICATION

MEMORANDUM OF UNDERSTANDING

ARTICLE I

PURPOSE AND AUTHORITY

This Memorandum of Understanding (MOU) sets forth the points of agreement between the Social Security Administration (SSA), the Department of Homeland Security (DHS) and **Thompson Tractor Co., Inc.** (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). E-Verify is a program in which the employment eligibility of all newly hired employees will be confirmed after the Employment Eligibility Verification Form (Form I-9) has been completed.

Authority for the E-Verify program is found in Title IV, Subtitle A, of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 (IIRIRA), Pub. L. 104-208, 110 Stat. 3009, as amended (8 U.S.C. § 1324a note).

ARTICLE II

FUNCTIONS TO BE PERFORMED

A. RESPONSIBILITIES OF THE SSA

1. Upon completion of the Form I-9 by the employee and the Employer, and provided the Employer complies with the requirements of this MOU, SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all newly hired employees and the employment authorization of U.S. citizens.

2. The SSA agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. The SSA agrees to provide the Employer with names, titles, addresses, and telephone numbers of SSA representatives to be contacted during the E-Verify process.

3. The SSA agrees to safeguard the information provided by the Employer through the E-Verify program procedures, and to limit access to such information, as is appropriate by law, to individuals responsible for the verification of Social Security Numbers and for evaluation of the E-Verify program or such other persons or entities who may be authorized by the SSA as governed by the Privacy Act (5 U.S.C. § 552a), the Social Security Act (42 U.S.C. 1306(a)), and SSA regulations (20 CFR Part 401).

4. SSA agrees to establish a means of automated verification that is designed (in conjunction with DHS's automated system if necessary) to provide confirmation or tentative nonconfirmation of U.S. citizens' employment eligibility and accuracy of SSA records for both citizens and aliens within 3 Federal Government work days of the initial inquiry.

Company ID Number: 47130

5. SSA agrees to establish a means of secondary verification (including updating SSA records as may be necessary) for employees who contest SSA tentative nonconfirmations that is designed to provide final confirmation or nonconfirmation of U.S. citizens' employment eligibility and accuracy of SSA records for both citizens and aliens within 10 Federal Government work days of the date of referral to SSA, unless SSA determines that more than 10 days may be necessary. In such cases, SSA will provide additional verification instructions.

B. RESPONSIBILITIES OF THE DEPARTMENT OF HOMELAND SECURITY

1. Upon completion of the Form I-9 by the employee and the Employer and after SSA verifies the accuracy of SSA records for aliens through E-Verify, DHS agrees to provide the Employer access to selected data from DHS's database to enable the Employer to conduct:

- Automated verification checks on newly hired alien employees by electronic means, and
- Photo verification checks (when available) on newly hired alien employees.

2. DHS agrees to provide to the Employer appropriate assistance with operational problems that may arise during the Employer's participation in the E-Verify program. DHS agrees to provide the Employer names, titles, addresses, and telephone numbers of DHS representatives to be contacted during the E-Verify process.

3. DHS agrees to provide to the Employer a manual (the E-Verify Manual) containing instructions on E-Verify policies, procedures and requirements for both SSA and DHS, including restrictions on the use of E-Verify.. DHS agrees to provide training materials on E-Verify.

4. DHS agrees to provide to the Employer a notice, which indicates the Employer's participation in the E-Verify program. DHS also agrees to provide to the Employer anti-discrimination notices issued by the Office of Special Counsel for Immigration-Related Unfair Employment Practices (OSC), Civil Rights Division, and U.S. Department of Justice.

5. DHS agrees to issue the Employer a user identification number and password that permits the Employer to verify information provided by alien employees with DHS's database.

6. DHS agrees to safeguard the information provided to DHS by the Employer, and to limit access to such information to individuals responsible for the verification of alien employment eligibility and for evaluation of the E-Verify program, or to such other persons or entities as may be authorized by applicable law. Information will be used only to verify the accuracy of Social Security Numbers and employment eligibility, to enforce the Immigration and Nationality Act and federal criminal laws, and to ensure accurate wage reports to the SSA.

7. DHS agrees to establish a means of automated verification that is designed (in conjunction with SSA verification procedures) to provide confirmation or tentative nonconfirmation of employees' employment eligibility within 3 Federal Government work days of the initial inquiry.

8. DHS agrees to establish a means of secondary verification (including updating DHS records as may be necessary) for employees who contest DHS tentative nonconfirmations and photo non-match tentative nonconfirmations that is designed to provide final confirmation or nonconfirmation of the employees' employment eligibility within 10 Federal Government work days of the date of referral to DHS, unless DHS determines that more than 10 days may be necessary. In such cases, DHS will provide additional verification instructions.

C. RESPONSIBILITIES OF THE EMPLOYER

1. The Employer agrees to display the notices supplied by DHS in a prominent place that is clearly visible to prospective employees.

2. The Employer agrees to provide to the SSA and DHS the names, titles, addresses, and telephone numbers of the Employer representatives to be contacted regarding E-Verify.

3. The Employer agrees to become familiar with and comply with the E-Verify Manual.

4. The Employer agrees that any Employer Representative who will perform employment verification queries will complete the E-Verify Tutorial before that individual initiates any queries.

   A. The employer agrees that all employer representatives will take the refresher tutorials initiated by the E-Verify program as a condition of continued use of E-Verify.

   B. Failure to complete a refresher tutorial will prevent the employer from continued use of the program.

5. The Employer agrees to comply with established Form I-9 procedures, with two exceptions:

- If an employee presents a "List B" identity document, the Employer agrees to only accept "List B" documents that contain a photo. (List B documents identified in 8 C.F.R. § 274a.2 (b) (1) (B)) can be presented during the Form I-9 process to establish identity).
- If an employee presents a DHS Form I-551 (Permanent Resident Card) or Form I-766 (Employment Authorization Document) to complete the Form I-9, the Employer agrees to make a photocopy of the document and to retain the photocopy with the employee's Form I-9. The employer will use the photocopy to verify the photo and to assist the Department with its review of photo non-matches that are contested by employees. Note that employees retain the right to present any List A, or List B and List C, documentation to complete the Form I-9. DHS may in the future designate other documents that activate the photo screening tool.

6. The Employer understands that participation in E-Verify does not exempt the Employer from the responsibility to complete, retain, and make available for inspection Forms I-9 that relate to its employees, or from other requirements of applicable regulations or laws, except for the following modified requirements applicable by reason of the Employer's participation in E-Verify: (1) identity documents must have photos, as described in paragraph 5 above; (2) a

rebuttable presumption is established that the Employer has not violated section 274A(a)(1)(A) of the Immigration and Nationality Act (INA) with respect to the hiring of any individual if it obtains confirmation of the identity and employment eligibility of the individual in compliance with the terms and conditions of E-Verify ; (3) the Employer must notify DHS if it continues to employ any employee after receiving a final nonconfirmation, and is subject to a civil money penalty between $500 and $1,000 for each failure to notify DHS of continued employment following a final nonconfirmation; (4) the Employer is subject to a rebuttable presumption that it has knowingly employed an unauthorized alien in violation of section 274A(a)(1)(A) if the Employer continues to employ any employee after receiving a final nonconfirmation; and (5) no person or entity participating in E-Verify is civilly or criminally liable under any law for any action taken in good faith on information provided through the confirmation system. DHS reserves the right to conduct Form I-9 compliance inspections during the course of E-Verify, as well as to conduct any other enforcement activity authorized by law.

7. The Employer agrees to initiate E-Verify verification procedures within 3 Employer business days after each employee has been hired (but after both sections 1 and 2 of the Form I-9 have been completed), and to complete as many (but only as many) steps of the E-Verify process as are necessary according to the E-Verify Manual. The Employer is prohibited from initiating verification procedures before the employee has been hired and the Form I-9 completed. If the automated system to be queried is temporarily unavailable, the 3-day time period is extended until it is again operational in order to accommodate the Employer's attempting, in good faith, to make inquiries during the period of unavailability. In all cases, the Employer must use the SSA verification procedures first, and use DHS verification procedures and photo screening tool only after the the SSA verification response has been given.

8. The Employer agrees not to use E-Verify procedures for pre-employment screening of job applicants, support for any unlawful employment practice, or any other use not authorized by this MOU. The Employer must use E-Verify for all new employees and will not verify only certain employees selectively. The Employer agrees not to use E-Verify procedures for re-verification, or for employees hired before the date this MOU is in effect. The Employer understands that if the Employer uses E-Verify procedures for any purpose other than as authorized by this MOU, the Employer may be subject to appropriate legal action and the immediate termination of its access to SSA and DHS information pursuant to this MOU.

9. The Employer agrees to follow appropriate procedures (see Article III.B. below) regarding tentative nonconfirmations, including notifying employees of the finding, providing written referral instructions to employees, allowing employees to contest the finding, and not taking adverse action against employees if they choose to contest the finding. Further, when employees contest a tentative nonconfirmation based upon a photo non-match, the Employer is required to take affirmative steps (see Article III.B. below) to contact DHS with information necessary to resolve the challenge.

10. The Employer agrees not to take any adverse action against an employee based upon the employee's employment eligibility status while SSA or DHS is processing the verification request unless the Employer obtains knowledge (as defined in 8 C.F.R. § 274a.1 (l)) that the employee is not work authorized. The Employer understands that an initial inability of the SSA or DHS automated verification to verify work authorization, a tentative nonconfirmation, or the finding of

a photo non-match, does not mean, and should not be interpreted as, an indication that the employee is not work authorized. In any of the cases listed above, the employee must be provided the opportunity to contest the finding, and if he or she does so, may not be terminated or suffer any adverse employment consequences until and unless secondary verification by SSA or DHS has been completed and a final nonconfirmation has been issued. If the employee does not choose to contest a tentative nonconfirmation or a photo non-match, then the Employer can find the employee is not work authorized and take the appropriate action.

11. The Employer agrees to comply with section 274B of the INA by not discriminating unlawfully against any individual in hiring, firing, or recruitment or referral practices because of his or her national origin or, in the case of a protected individual as defined in section 274B(a)(3) of the INA, because of his or her citizenship status. The Employer understands that such illegal practices can include selective verification or use of E-Verify, discharging or refusing to hire eligible employees because they appear or sound "foreign", and premature termination of employees based upon tentative nonconfirmations, and that any violation of the unfair immigration-related employment practices provisions of the INA could subject the Employer to civil penalties pursuant to section 274B of the INA and the termination of its participation in E-Verify. If the Employer has any questions relating to the anti-discrimination provision, it should contact OSC at 1-800-255-7688 or 1-800-237-2515 (TDD).

12. The Employer agrees to record the case verification number on the employee's Form I-9 or to print the screen containing the case verification number and attach it to the employee's Form I-9.

13. The Employer agrees that it will use the information it receives from the SSA or DHS pursuant to E-Verify and this MOU only to confirm the employment eligibility of newly-hired employees after completion of the Form I-9. The Employer agrees that it will safeguard this information, and means of access to it (such as PINS and passwords) to ensure that it is not used for any other purpose and as necessary to protect its confidentiality, including ensuring that it is not disseminated to any person other than employees of the Employer who are authorized to perform the Employer's responsibilities under this MOU.

14. The Employer acknowledges that the information which it receives from SSA is governed by the Privacy Act (5 U.S.C. § 552a (i) (1) and (3)) and the Social Security Act (42 U.S.C. 1306(a)), and that any person who obtains this information under false pretenses or uses it for any purpose other than as provided for in this MOU may be subject to criminal penalties.

15. The Employer agrees to allow DHS and SSA, or their authorized agents or designees, to make periodic visits to the Employer for the purpose of reviewing E-Verify -related records, i.e., Forms I-9, SSA Transaction Records, and DHS verification records, which were created during the Employer's participation in the E-Verify Program. In addition, for the purpose of evaluating E-Verify, the Employer agrees to allow DHS and SSA or their authorized agents or designees, to interview it regarding its experience with E-Verify, to interview employees hired during E-Verify use concerning their experience with the pilot, and to make employment and E-Verify related records available to DHS and the SSA, or their designated agents or designees. Failure to comply with the terms of this paragraph may lead DHS to terminate the Employer's access to E-Verify.

Company ID Number: 47130

ARTICLE III

REFERRAL OF INDIVIDUALS TO THE SSA AND THE DEPARTMENT OF HOMELAND SECURITY

A. REFERRAL TO THE SSA

1. If the Employer receives a tentative nonconfirmation issued by SSA, the Employer must print the tentative nonconfirmation notice as directed by the automated system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation.

2. The Employer will refer employees to SSA field offices only as directed by the automated system based on a tentative nonconfirmation, and only after the Employer records the case verification number, reviews the input to detect any transaction errors, and determines that the employee contests the tentative nonconfirmation. The Employer will transmit the Social Security Number to SSA for verification again if this review indicates a need to do so. The Employer will determine whether the employee contests the tentative nonconfirmation as soon as possible after the Employer receives it.

3. If the employee contests an SSA tentative nonconfirmation, the Employer will provide the employee with a referral letter and instruct the employee to visit an SSA office to resolve the discrepancy within 8 Federal Government work days. The Employer will make a second inquiry to the SSA database using E-Verify procedures on the date that is 10 Federal Government work days after the date of the referral in order to obtain confirmation, or final nonconfirmation, unless otherwise instructed by SSA or unless SSA determines that more than 10 days is necessary to resolve the tentative nonconfirmation..

4. The Employer agrees not to ask the employee to obtain a printout from the Social Security Number database (the Numident) or other written verification of the Social Security Number from the SSA.

B. REFERRAL TO THE DEPARTMENT OF HOMELAND SECURITY

1. If the Employer receives a tentative nonconfirmation issued by DHS, the Employer must print the tentative nonconfirmation notice as directed by the automated system and provide it to the employee so that the employee may determine whether he or she will contest the tentative nonconfirmation.

2. If the Employer finds a photo non-match for an alien who provides a document for which the automated system has transmitted a photo, the employer must print the photo non-match tentative nonconfirmation notice as directed by the automated system and provide it to the employee so that the employee may determine whether he or she will contest the finding.

3. The Employer agrees to refer individuals to DHS only when the employee chooses to contest a tentative nonconfirmation received from DHS automated verification process or when

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

Company ID Number: 47130

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

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.

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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