

**BID SUBMITTAL FORM**  
**Alabama County Joint Bid Program**  
**Heavy Equipment – Bid Item: Track Mount Excavator - Option B-2**

Company Name: Warrior Tractor & Equipment Company, Inc.

Address: 6801 McFarland Blvd W., Northport, AL 35476

Bid Submitted by: David Schafer  
(Name of company representative)

Title: Sales Manager E-mail address: dschafer@warriortractor.com

Phone: 205-339-0300 Fax: 205-333-0101

By submitting this bid, we agree:

Initials

The equipment model number identified below meets the bid specs for this bid item

DS

That the bid price will be honored for all counties for the period from January 1, 2023 to December 31, 2023.

DS

The equipment will be delivered at the bid price to all counties participating in the joint bid program.

DS

The company acknowledges the freight preparation and delivery price is to be included in the total bid price for the standard machine.

DS

The company representative listed above will be the contact person for purchasing this bid item under the joint bid program.

DS

The bid is accompanied by a current catalog or model specification document for the model number identified below.

DS

The bid is accompanied by a copy of the manufacturer's standard warranty as required in the bid specifications.

DS

The bid includes the e-verify documentation required by Alabama law.

DS

If awarded the bid, a performance bond will be provided upon request.

DS

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

DS

Total Bid Price for Standard Machine: \$ 242,090.00  
(Total Bid Price for Standard Machine Includes Freight Preparation, Delivery and Standard Warranty Costs) \*

Freight Preparation and Delivery: \$ 7,750.00  
(Included in Standard Machine Bid Price)

Manufacturer's Suggested Retail Price for Standard Machine: \$ 288,738.00

Equipment Model #: John Deere 210P

Description: Excavator

Signature of company representative submitting bid: 

Title: Sales 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\*

10%

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

10%

Equipment Model #: John Deere 210P

Description: Excavator

Signature of company representative submitting bid: David R. Schaf

Title: Sales 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 HYDRAULIC EXCAVATOR  
Option B-2**

**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 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  No   
Page#   
Or Attachment

**WEIGHT**

Minimum **50,000 lbs.**

Yes  No   
Page # 13

**Six (6)** cylinders, minimum **415 cubic inch** diesel engine with minimum **158 net** flywheel horsepower.

Yes  No   
Page # 12

**Engine must be designed and built by the machine manufacturer.**

Yes  No   
Page # 12

**STARTING SYSTEM**

Shall be equipped with a **24-volt** electrical system.

Yes  No   
Page # 12

Shall be equipped with a **12-volt** converter capable of powering a two-way radio.

Yes  No   
Page # 16 & ATTACHMENT

**UNDERCARRIAGE**

Track length shall be minimum **14.5'**.

Yes  No   
Page # 14

Track shoe width shall be minimum **31"**.

Yes  No   
Page # 12

**Minimum eight (8)** track rollers per side.

Yes  No   
Page # 12

**Minimum two (2)** carrier rollers per side.

Yes  No   
Page # 12

**CAPACITIES**

Fuel Tank Capacity – **105 gallon minimum**

Yes  No   
Page # 13

Hydraulic Tank Capacity – **35 gallon minimum**

Yes  No   
Page # 13

Engine Coolant – **7.5 gallon minimum**

Yes  No   
Page # 13

**BOOM AND STICK**

One piece boom with **minimum 18' length**

Yes  No   
Page # 13 & ATTACHMENT

Stick shall be a **minimum 9.5' long**  
No

Yes

Page # 13

**DIMENSIONS**

Reach at ground level – **30' minimum**

Yes  No   
Page # 13

Bucket breakout force – **minimum 29,500 lbs.**

Yes  No   
Page # 13

Stick digging force – **minimum 23,000 lbs.**

Yes  No   
Page # 13

**HYDRAULICS**

Hydraulic pump output shall be a **minimum of 112 GPM**

Yes  No   
Page # 12

**CAB**

Enclosed ROPS cab:

Heater

Yes  No   
Page # 16

Factory installed air conditioning

Yes  No   
Page # 16

Defroster

Yes  No   
Page # 16

**Bucket:**

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

October 3, 2022

Association of County Commissions of Alabama  
2 North Jackson Street  
Montgomery, AL 36104

Joint Bid Program,

On 1 October, 2022 John Deere announced a price increase effective 1 November, 2022. This increase is 5% for all items being bid by Warrior Tractor & Equipment Company. Due to your 07 October, 2022 bid date the price pages we are providing per your specifications do not include this price increase. New prices pages will not be available until after 1 November, 2022

Due to this increase, 5% will need to be added on all price page options. Our bids reflect the increase on our bid prices.

Thank you and please give me a call if there are any questions.

David Schafer



District Sales Manager



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P.O. Box 412  
Northport, AL 35476  
Phone: (205) 339-0300  
Fax: (205) 333-0101  
[www.warriortractor.com](http://www.warriortractor.com)

Graysville  
Huntsville  
Monroeville  
Montgomery  
Oxford  
Pelham

*Representing:*  
John Deere  
Hitachi  
Leica  
Fuchs/Terex  
Sakai  
Bomag  
Morbark  
NPK  
Talbert

# 210 P Excavator

13-Sep-2022



Code	Description		
04E0FF	210 P Excavator	1	\$282,150.00
<b>Option Codes</b>			
0202	Destination Code - United States	1	No Added Cost
0259	English Customer Delivery Packet	1	No Added Cost
0602	Level 2 Includes: - Seat, Heated Air-Suspension - Standard Front LED Worklights	1	\$1,600.00
1100	Rear Camera System	1	No Added Cost
170K	JDLink™ Includes integrated cab wiring harness, antenna, and JDLink Modem (MTG).  JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.	1	No Added Cost
2000	Less Grade Reference Ready Mounts	1	No Added Cost
2021	Less: Laser Catcher	1	No Added Cost
4019	John Deere PowerTech PVS 6.8L meets FT4/EU Stage	1	No Added Cost
6667	One Piece Boom w/Arm Cyl. and Plumbing 5.7 M (18 ft 8 in) Boom	1	No Added Cost
6717	Arm: Standard 2.9 M (9 ft 7 in) Arm with Bucket Cylinder and Linkage	1	No Added Cost
6630	Less: Lower Frame, Bottom Cover Less: track frame under cover	1	No Added Cost



6570	Counterweight Weight = 4250 kg (9,370 lbs)	1	No Added Cost
7001	Auxiliary High-Flow Lines with AFL and Auxiliary Relie Includes: - Combination auxiliary hydraulic piping with dedicated stop valves for each attachment. - Auxiliary Function Lever (AFL) right-hand joystick for electronic proportional auxiliary control. - Ability to set, confirm, and adjust the auxiliary relief pressure for an attachment.	1	\$4,988.00
7020	Less: Two Pump Combined Flow	1	No Added Cost
7040	Less: Hydraulic Coupler Ready	1	No Added Cost
5710	800 mm (32 In.) Steel Track with Triple Semi-Grouser S Recommended for extremely soft terrain.	1	No Added Cost
7800	Less: Bucket	1	No Added Cost
<b>Total</b>			<b>\$288,738.00</b>

Manufacturer's Suggested List Price shown. Retail prices may vary by dealer. Unless stated otherwise, taxes, freight, setup, delivery and other dealer specific charges not included in the pricing. Options/items noted with anything other than price will have additional costs. Pricing, availability, and specifications subject to change without notice. Special program pricing may be available on certain models. See dealer for details. Prices shown are in U.S. dollars and valid only in the U.S.

# 210 P Excavator

29-Sep-2022



Code	Description	QTY	List Price (USD)
04E0FF	<p>210 P Excavator</p> <p>HYDRAULICS: Open Center, Load Sensing with Variable Displacement Pumps Hydraulic Pilot Controls Axial Piston Swing Motor Multiple Wet Disk Swing Brake Auxiliary Valve Section Adjustable Flow for Attachments Through Monitor Boom and Arm Reduced Drift Valves Power Boost Auto Power Lift Hydraulic Tank Site Gauge 5,000 Hour Hydraulic Oil Change Interval Hydraulic Oil Sampling Valve Inline DEF Filter</p> <p>UNDERCARRIAGE: Two Speed Propel with Auto-Shift Axial Piston Propel Motors Propel Motor Shields Planetary Final Drives Sealed Track Chain Front and Center Track Guides Provisions for Tie Downs X-Frame Car Body Hydraulic Track Adjuster Eight Lower Rollers Two Upper Rollers Spring Applied Hydraulic Released Propel Brake</p> <p>UPPER STRUCTURE: Right, Left, and Counterweight Mirrors(3) Toolbox Vandal Locks for: Cab Door Service Doors Fuel Cap Tool Box Counterweight, 9,370 lbs. (4,250 kg) Work Lights: One Mounted on Frame One Mounted on Boom Debris Screening Side Panel Remote Mounted Engine Oil and Fuel Filters Handrails</p> <p>FRONT ATTACHMENT: Steel Bushings Thrust Plates Tungsten Carbide Thermal Coating on arm to Bucket Joint Centralized Lubrication System Dirt Seals on Bucket Pins</p>	1	\$282,150.00

Less Boom  
Less Arm  
Less Bucket

OPERATOR'S STATION:

Adjustable Control Positions (Levers to Seat, Seat to Pedals)  
4" Arm Rests Attached to Side Consoles  
Pilot Control Shut-Off Lever  
Short Stroke, Low Effort Pilot Levers  
Switches for Auxiliary Hydraulic Control on RH Pilot Lever  
Deluxe Adjustable Cloth Seat with Suspension, Reclining Backrest, Headrest, and Adjustable Lumbar Support  
Multifunction, Color LCD Monitor System with:  
Diagnostic Capability  
Systems Monitoring Capability  
Multiple Language Capability  
Maintenance Tracking  
Control Pattern Changer  
Engine Coolant Temperature Gauge  
Engine Coolant Temperature Warning Indicator with Audible Alarm  
Engine Oil Pressure Warning Indicator with Audible Alarm  
Fuel Gauge with Low Fuel Indicator  
Diesel Exhaust Fluid Gauge  
Work Mode Indicator  
Auto Idle Indicator  
Alternator Charge Indicator  
Air Filter Restriction Indicator  
Fault Code Alert Indicator  
Check Engine Indicator  
Wiper Mode Indicator  
Work Lights On Indicator  
Fuel Rate Display  
Clock  
Hour Meter  
Mode Selection:  
One Work Mode  
Three Power Modes  
Numerous Attachment Modes  
Auto-Climate Control/Air Conditioner, Heater with Pressurizer  
AM-FM Radio  
USB Charge Port  
Pilot Lever Lock  
Rear View Camera  
Machine Information Center (MIC)  
Windshield Wiper/Washer with Intermittent Speed  
12V-60W, 5 Amp Cell Phone Power Outlet  
3 In. Retractable Seat Belt  
Tinted Safety Glass  
Hot/Cold Box Compartment  
Horn  
Two Cup Holders  
Interior Light  
Coat Hook  
Floor Mat  
Motion Alarm with Cancel Switch  
Transparent Tinted Roof Hatch with Sunshade  
Four Fluid-Filled Elastic Mounts  
Easy Access Air Conditioning Filter

Code	Description	QTY	List Price (USD)
04E0FF	210 P Excavator	1	\$282,150.00
	DESTINATION AND LANGUAGE		
	Destination Codes	Basic Factory Options - Required	
0202	Destination Code - United States		No Added Cost
	Operator's Manual and Decals		
		Basic Factory Options - Required	
0259	English Customer Delivery Packet		No Added Cost
	PACKAGES		
	Trim Packages	Basic Factory Options - Required	
0601	Level 1 Includes: - Seat, Standard Mechanical - Standard Front LED Worklights		No Added Cost
0602	Level 2 Includes: - Seat, Heated Air-Suspension - Standard Front LED Worklights		\$1,600.00
0603	Level 3 Includes: - Seat, Heated Air-Suspension - Deluxe Front LED Worklights - Chrome Exhaust		\$4,300.00
0604	Level 4 Includes: - Seat, Premium Leather – Thermal Heating and Active Cooling - Deluxe Front LED Worklights - Chrome Exhaust		\$5,500.00

Code	Description	QTY	List Price (USD)
	<b>OPERATOR'S CONTROLS</b>		
	Detection System		Basic Factory Options - Required
1100	Rear Camera System		No Added Cost
1101	Right, Rear and Left Camera System Includes: - Right, Rear and Left LED Lighting		\$4,378.00
	<b>PRECISION TECHNOLOGY SOLUTIONS</b>		
	Machine Connectivity		Basic Factory Options - Required
170K	JDLink™ Includes integrated cab wiring harness, antenna, and JDLink Modem (MTG).  JDLink connectivity is enabled separately through the JDLink website. Connectivity service is subject to country availability.		No Added Cost
	<b>Grade Systems</b>		Basic Factory Options - Required
2000	Less Grade Reference Ready Mounts		No Added Cost
2001	Grade Reference Ready Mounts Includes: - Mounting points on bucket link, arm and boom for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness and monitor provided by OEM suppliers.		\$1,555.00
2002	2D Integrated Grade Guidance, Topcon  2D Grade Guidance system fully integrated into the cab and structures. Intuitive functionality with built-in audible tones and light bars, matched with precise real-time bucket cutting edge position information of relative depth and slope, provide clear guidance to target grade. Consists of sensors, controllers and in-cab display for configuring, monitoring, and measuring grade.		\$16,648.00
2003	3D Integrated Grade Guidance, Topcon - 915 Mhz & 450 Mhz Radio  3D Grade Guidance system fully integrated into the cab and structures. Intuitive functionality with built-in audible tones and light bars, matched with precise real-time bucket cutting edge position information, including relative depth and slope to 3 dimensional design plans. Consists of UHF transmitter/receiver, sensors, and in-cab display for configuring, monitoring, and measuring grade. Includes Topcon 3D-MC <sup>2</sup> software compatible with Topcon file formats.		\$49,608.00

Code	Description	QTY	List Price (USD)
2004	SmartGrade™ Ready 2D Grade Control SmartGrade™ ready 2D grade control system fully integrated into the cab and structures. Adaptively controls bucket relative to target grade to improve accuracy and efficiency. Includes Virtual alert features (Virtual Ceiling, Virtual Floor, Virtual Swing, Virtual Wall, Virtual Front & Over-Dig Protect). Upgradeable to SmartGrade™ 3D solution via upgrade kit. Consists of sensors, controllers, valves and in-cab display for configuring, monitoring, and controlling grade. Calibrated at factory using factory bucket.		\$29,846.00
2005	3D SmartGrade™ – 915MHz & 450MHz Radio SmartGrade™ 3D GNSS grade control system fully integrated into the cab and structures. Adaptively controls bucket relative to grade to improve accuracy and efficiency. Includes Virtual alert features (Virtual Ceiling, Virtual Floor, Virtual Swing, Virtual Wall, Virtual Front & Over-Dig Protect). Consists of sensors, valves, GNSS receivers, UHF receiver, and in-cab display for configuring, monitoring, measuring, and controlling grade. Includes Topcon 3DMC software compatible with Topcon file formats. Calibrated at factory using factory bucket.		\$69,662.00
	Laser Catcher		Basic Factory Options - Required
2020	With Laser Catcher Laser receiver enables greater jobsite flexibility utilizing plane for references across larger jobsites. Laser receiver requires offboard laser transmitter for functionality.		\$1,266.00
2021	Less: Laser Catcher		No Added Cost
	ENGINE		
	Engine		Basic Factory Options - Required
4019	John Deere PowerTech PVS 6.8L meets FT4/EU Stage IV Emissions		No Added Cost
	MAIN FRAME		
	Boom		Basic Factory Options - Required
6665	Less Boom, Less Boom Cylinders Recommend: Hyd. Filter Restriction Indicator Kit		(\$21,683.00)
6666	Less Boom with Boom Cylinders with plumbing to Main Frame Boom Not Included		(\$7,731.00)

Code	Description	QTY	List Price (USD)
Recommend: Hyd. Filter Restriction Indicator Kit			
6667	One Piece Boom w/Arm Cyl. and Plumbing 5.7 M (18 ft 8 in) Boom		No Added Cost
6675	Heavy Duty One Piece Boom w/Arm Cyl. and Plumbing 5.7 M (18 ft 8 in) Boom Requires: - Heavy Duty Counterweight (6571)		\$2,500.00
	Arm		Basic Factory Options - Required
6715	Less: Arm If bucket is desired, must order attachment separately Recommend: - Hyd. Filter Restriction Indicator Kit and Indicator Coupler		(\$12,401.00)
6717	Arm: Standard 2.9 M (9 ft 7 in) Arm with Bucket Cylinder and Linkage		No Added Cost
	Lower Frame Bottom Covers		Basic Factory Options - Required
6630	Less: Lower Frame, Bottom Cover Less: track frame under cover		No Added Cost
6631	Lower Frame, Bottom Cover Track frame under cover		\$575.00
	Counterweight		Basic Factory Options - Required
6570	Counterweight Weight = 4250 kg (9,370 lbs)		No Added Cost
6571	Heavy Counterweight Weight = 4850 kg (10,692 lbs) Includes: - Heavy Duty Bucket Link - Additional track guide (total quantity 3)		\$5,000.00

Code	Description	QTY	List Price (USD)
Requires Heavy Duty Boom (6675)			
HYDRAULICS			
	Auxiliary Hydraulics		Basic Factory Options - Required
7000	Less: Auxiliary Hydraulics		(\$6,490.00)
7001	Auxiliary High-Flow Lines with AFL and Auxiliary Relief Pressure Adjustment		\$4,988.00
	Includes:		
	- Combination auxiliary hydraulic piping with dedicated stop valves for each attachment.		
	- Auxiliary Function Lever (AFL) right-hand joystick for electronic proportional auxiliary control.		
	- Ability to set, confirm, and adjust the auxiliary relief pressure for an attachment.		
7005	Aux High-Flow Lines Only with Push Button Control Grip		No Added Cost
	Includes:		
	- Combination auxiliary hydraulic piping with dedicated stop valves for each attachment.		
	- Requires dealer installed 1-way solenoid kit, 2-way solenoid kit or a foot pedal kit for auxiliary hydraulics functionality.		
	Two Pump Combined Flow		Basic Factory Options - Required
7020	Less: Two Pump Combined Flow		No Added Cost
7021	Two Pump Combined Flow		\$1,934.00
	Adds the ability to set internally combined pump flow for higher demand attachments.		
	Hydraulic Coupler Ready		Basic Factory Options - Required
7040	Less: Hydraulic Coupler Ready		No Added Cost
7041	Hydraulic Coupler Ready Lines and Controls		\$3,500.00
	- Adds dedicated hydraulic lines and control circuit for hydraulic quick coupler installations		
	- Compatible with select aftermarket couplers from Paladin, Strickland, Rockland and Brandt.		

TRACKS



Code	Description	QTY	List Price (USD)
	Track Shoes		Basic Factory Options - Required
5702	600 mm (24 In.) Steel Track with Triple Semi-Grouser Shoes		(\$1,519.00)
5707	700 mm (28 In.) Steel Track with Triple Semi-Grouser Shoes Recommended for general conditions and soft terrain.		(\$854.00)
5710	800 mm (32 In.) Steel Track with Triple Semi-Grouser Shoes Recommended for extremely soft terrain.		No Added Cost
ATTACHMENTS			
	Buckets		Basic Factory Options - Required
7800	Less: Bucket		No Added Cost
7813	36 In. Heavy Duty Bucket w/ Teeth 36 Inch (900MM) 0.94 Cubic Yard (0.72 Cubic Meter) Heavy Duty Bucket Includes Five (5) TK300 Series Teeth		\$6,135.00
7814	42 In. Heavy Duty Bucket w/ Teeth 42 Inch (1050MM) 1.14 Cubic Yard (0.87 Cubic Meter) Heavy Duty Bucket Includes (5) TK400 Series Teeth.		\$7,946.00
7815	48 In. Heavy Duty Bucket w/ Teeth 48 Inch (1220 MM) 1.96 Cubic Yard (1.50 Cubic Meter) Heavy Duty Bucket Includes Six (6) TK400 Series Teeth		\$13,716.00
MISCELLANEOUS PRODUCT LINE			
	Filter		Field Installed Attachments - Optional
8124	Fuel Filter, Severe-Duty Recommended for harsh conditions.		\$175.00

Code	Description	QTY	List Price (USD)
	Single Pedal Propel		Field Installed Attachments - Optional
8261	Single Pedal Propel Additional pedal for tracking both tracks simultaneously in the same direction		\$2,259.00
	Shipping Preparation		Field Installed Attachments - Optional
8262	Special Export Preparation-- Do not install front for shipping		No Added Cost
	Cold Weather Package		Field Installed Attachments - Optional
8500	Cold Weather Package Includes Engine Block Heater		\$600.00
	Debris Package		Field Installed Attachments - Optional
8501	Debris Package Includes Reversing Electric Variable Speed Fan Drive and Engine Air Centrifugal Pre-Cleaner - Reversing fan features selectable intervals and manual override. - For use in environments with airborne debris.		\$2,500.00
	BUCKETS		
	Buckets, Heavy-Duty		Field Installed Attachments - Optional
BYT11160	42 In (1067 mm), 1.11 yd3 (0.85 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).		\$6,539.00
BYT11157	24 In (610 mm), 0.51 yd3 (0.39 M3) Heavy-Duty Bucket Includes Three (3) John Deere TK-Series Fanggs Teeth (TK350FD).		\$5,236.00
BYT11158	30 In (762 mm), 0.71 yd3 (0.54 M3) Heavy-Duty Bucket		\$5,615.00

Code	Description	QTY	List Price (USD)
	Includes Four (4) John Deere TK-Series Fanggs Teeth (TK350FD)		
BYT11159	36 In (914 mm), 0.91 yd3 (0.69 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD)		\$6,125.00
	Buckets, Side Cutters		Field Installed Attachments - Optional
AT342511	Edge Protector Kit		\$655.00
AT342512	Side-Cutter Kit, 3 inch		\$679.00
AT342513	Side-Cutter Kit, 6 inch		\$679.00
	Hydraulic Thumb Kits		Field Installed Attachments - Optional
AT379648	Hydraulic Thumb Kit, Direct Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing. Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement. Not compatible with couplers.		\$9,907.00
AT379649	Hydraulic Thumb Kit, Direct for Couplers Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing. Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement. Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11628.		\$9,907.00
AT379650	Hydraulic Thumb Kit, Progressive Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing. Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement. Only available for the following arm lengths: 180 3.2M (10'6") 200 3.2M (10'6") 210 2.91M (9'7") 245 2.91M (9'7") Not compatible with couplers.		\$11,795.00
AT379651	Hydraulic Thumb Kit, Progressive for Couplers Teeth matching between the bucket and thumb will depend on the bucket width, number of teeth, and tooth spacing. Please see DMAC solution 94331 for optimum thumb and bucket teeth engagement. Only available for the following arm lengths: 180 3.2M (10'6") 200 3.2M (10'6")		\$11,795.00

Code	Description	QTY	List Price (USD)
210 2.91M (9'7") 245 2.91M (9'7")	Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11628.		
	MISCELLANEOUS		
	Hydraulics		Field Installed Attachments - Optional
AT340288	Boom Cylinder Anti-Drift Valve with Plumbing and Hardware		\$3,136.00
AT327652	Control Handle for Auxiliary Hydraulics, Left-Hand Requires control solenoid for either 1-way or 2-way auxiliary hydraulics. Recommended for use with auxiliary hydraulic lines.		\$530.00
AT390776	Single Pedal Propel Kit		\$2,143.00
AT445467	Control Solenoids for 2-Way Auxiliary Hydraulics Monitor can be used to control hydraulic flow. Can be used with either right-hand or left-hand control handle.		\$808.00
AT445803	Hydraulic Filter Restriction Indicator Kit		\$797.00
	Hydraulic Couplers		Field Installed Attachments - Optional
AT345608	Installation Charge for Hydraulic Quick Coupler When ordering Hydraulic Quick Coupler (Variable-type Pin-Grabber) must order both Coupler and Controls attachment kits. Installation Charge Order also requires attachment part number, SHIP-TO address for Paladin Custom Works, AND reference related machine order number. The related machine order must reference the attachment order number. Order code available only for Kernersville, North Carolina installations.		\$1,471.00
AT452018	Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit Includes non-variable hydraulic quick coupler with hydraulic and electrical control components		\$9,191.00

Manufacturer's Suggested List Price shown. Retail prices may vary by dealer. Unless stated otherwise, taxes, freight, setup, delivery and other dealer specific charges not included in the pricing. Options/items noted with anything other than price will have additional costs. Pricing, availability, and specifications subject to change without notice. Special program pricing may be available on certain models. See dealer for details. Prices shown are in U.S. dollars and valid only in the U.S.

# Excavator / 210 P / US

# 210 P Preliminary Specifications

Base engine for use in U.S., U.S. Territories and Canada				
Manufacturer and Model	John Deere PowerTech PVS 6.8 L, 6068HT106			
Non-Road Emission Standards	certified to EPA T4 / Stage IV emissions			
Net Rated Power (ISO 9249)	119 kW @ 2,000 rpm	159 hp		
Cylinders	6			
Displacement	6.8 L	414.96 cu in.		
Off Level Capacity	70%	35°		
Aspiration	turbocharged, air-to-air charge air cooler			
Cooling				
Reversing electric variable speed fan drive				
Powertrain				
Two Speed Propel with Automatic Shift				
Maximum Travel Speed				
Low	3.5 km/h	2.17 mph		
High	5.5 km/h	3.42 mph		
Drawbar Pull (Turtle Mode)	20 700 kg	45635.69 lb.		
Hydraulics				
Open Center, Load Sensing				
<b>Main Pumps</b>	two variable-displacement axial-piston pumps			
Maximum Rated Flow	212.0 L/m	56.01	gpm	2 x
<b>Pilot Pump</b>	one gear			
Maximum Rated Flow	30.0 L/m	7.93	gpm	
Pressure Setting	4,000 kPa	580.15	psi	
System Operating Pressure				
Implement Circuits	34 300 kPa	4974.79	psi	
Travel Circuits	35 500 kPa	5148.84	psi	
Swing Circuits	33 300 kPa	4829.76	psi	
Power Boost	38 000 kPa	5511.43	psi	
Controls				
Pilot Levers, Short Stroke, Low Effort Hydraulic Pilot Controls with				
Cylinders				
<b>Boom (2)</b>				
Bore	120 mm	4.72	in.	
Rod Diameter	85 mm	3.35	in.	
Stroke	1260 mm	49.61	in.	
<b>Arm (1)</b>				
Bore	135 mm	5.31	in.	
Rod Diameter	95 mm	3.74	in.	
Stroke	1475 mm	58.07	in.	
<b>Bucket (1)</b>				
Bore	115 mm	4.53	in.	
Rod Diameter	80 mm	3.15	in.	
Stroke	1060 mm	41.73	in.	
Electrical				
Number of Batteries (12 volt)	2			
Battery Capacity	950 CCA			
Alternator Rating	300 amp			
Work Lights	2 LED - 1 on LH side of boom, 1 on frame			

<b>Undercarriage</b>			
Carrier Rollers (per side)	2		
Track Rollers (per side)	8		
Shoes, Triple Semi-Grousers (each side)	49		
Track Adjustment	Hydraulic		
Track Guides	Center		
Track Chain	Sealed and Lubricated		
<b>Ground Pressure</b>			
600 mm (24-in.) Triple Semi-Grouser Shoes	44.4 kPa	6.44	psi
700 mm (28-in.) Triple Semi-Grouser Shoes	39.3 kPa	5.71	psi
800 mm (32-in.) Triple Semi-Grouser Shoes	34.4 kPa	4.99	psi
<b>Swing Mechanism</b>			
Swing Speed	13.3 rpm		
Swing Torque	68 900 Nm	50661.76	lb. ft
<b>Serviceability</b>			
<b>Refill Capacities</b>			
Fuel Tank	403 L	106.46	gal
Cooling System	35.4 L	9.35	gal
Engine Oil with Filter	20.8 L	5.49	gal
Hydraulic Tank	135 L	35.66	gal
Hydraulic System	240 L	63.40	gal
Swing Gearbox	6.2 L	6.55	qt.
Propel Gearbox (each)	7.8 L	8.24	qt.
DEF Tank	26.6 L	7.03	gal
Pump Drive Gearbox	1.0 L	1.06	qt.

<b>Operating Weights</b>			
With Full Fuel Tank; 79 kg (175-lb.) Operator; 1065 mm (42-in.), 0.91 m <sup>3</sup> (1.19-cu-yd.), 886 kg (1,951-			
	23 560 kg	51940.02	lb.
With Full Fuel Tank; 79 kg (175-lb.) Operator; 1065 mm (42-in.), 0.91 m <sup>3</sup> (1.19-cu-yd.), 886 kg (1,951-			
	23 247 kg	51250.86	lb.
With Full Fuel Tank; 79 kg (175-lb.) Operator; 1065 mm (42-in.), 0.91 m <sup>3</sup> (1.19-cu-yd.), 886 kg (1,951-			
	22 857 kg	50391.06	lb.
With Full Fuel Tank; 79 kg (175-lb.) Operator; 1065 mm (42-in.), 0.91 m <sup>3</sup> (1.19-cu-yd.), 886 kg (1,951-			
	<b>24259.60 kg</b>	<b>53483.26</b>	<b>lb.</b>
With Full Fuel Tank; 79 kg (175-lb.) Operator; 1065 mm (42-in.), 0.91 m <sup>3</sup> (1.19-cu-yd.), 886 kg (1,951-			
	<b>23947.00 kg</b>	<b>52794.09</b>	<b>lb.</b>
With Full Fuel Tank; 79 kg (175-lb.) Operator; 1065 mm (42-in.), 0.91 m <sup>3</sup> (1.19-cu-yd.), 886 kg (1,951-			
	<b>23557.00 kg</b>	<b>51934.29</b>	<b>lb.</b>
<b>Optional Components</b>			
LC Undercarriage			
600 mm (24-in.) Triple Semi-Grouser Shoes	7335 kg	16156.39	lb.
700 mm (28-in.) Triple Semi-Grouser Shoes	7725 kg	17015.42	lb.
800 mm (32-in.) Triple Semi-Grouser Shoes	8038 kg	17704.85	lb.
One-Piece Boom (with arm cylinder)	1731 kg	3812.78	lb.
Arm with Bucket Cylinder and Linkage			
2.42 m (7-ft 11-in.)	935 kg	2059.47	lb.
2.91 m (9-ft 7-in.)	1001 kg	2204.85	lb.
Boom Lift Cylinders (2) Total Weight	354 kg	779.74	lb.
Counterweight Standard	4,250 kg	9369.65	lb.
Counterweight Heavy Lift	4,850 kg	10692.42	lb.

<b>Operating Dimensions</b>				
image	210G_LC_Operating.jpg			
<i>Arm Length 2.42 m (7 ft 11 in.)</i>				
Arm Digging Force (SAE)	133 kN	29899.58	lbf.	
Arm Digging Force (ISO)	140 kN	31473.25	lbf.	
Bucket Digging Force (SAE)	141 kN	31698.05	lbf.	
Bucket Digging Force (ISO)	158 kN	35519.81	lbf.	
A Maximum Reach	9.43 m	371.26	in.	30 ft 11 in.
A' Maximum Reach at Ground Level	9.25 m	364.17	in.	30 ft 4 in.
B Maximum Digging Depth	6.18 m	243.31	in.	20 ft 3 in.
B' Maximum Digging Depth at 2.44 m (8 ft) Flat Bottom	5.95 m	234.25	in.	19 ft 6 in.
C Maximum Cutting Height	9.67 m	380.71	in.	31 ft 9 in.
D Maximum Dumping Height	6.83 m	268.90	in.	22 ft 5 in.
E Minimum Swing Radius	3.18 m	125.20	in.	10 ft 5 in.
F Maximum Vertical Wall	5.3 m	208.66	in.	17 ft 5 in.
<i>Arm Length 2.91 m (9 ft 7 in.)</i>				
Arm Digging Force (SAE)	110 kN	24728.98	lbf.	
Arm Digging Force (ISO)	114 kN	25628.21	lbf.	
Bucket Digging Force (SAE)	141 kN	31698.05	lbf.	
Bucket Digging Force (ISO)	158 kN	35519.81	lbf.	
A Maximum Reach	9.92 m	390.55	in.	32 ft 7 in.
A' Maximum Reach at Ground Level	9.75 m	383.86	in.	31 ft 12 in.
B Maximum Digging Depth	6.67 m	262.60	in.	21 ft 11 in.
B' Maximum Digging Depth at 2.44 m (8 ft) Flat Bottom	6.50 m	255.91	in.	21 ft 4 in.
C Maximum Cutting Height	10.04 m	395.28	in.	32 ft 11 in.
D Maximum Dumping Height	7.18 m	282.68	in.	23 ft 7 in.
E Minimum Swing Radius	3.18 m	125.20	in.	10 ft 5 in.
F Maximum Vertical Wall	5.99 m	235.83	in.	19 ft 8 in.
<b>Machine Dimensions</b>				
image	210G_LC_Side.jpg			
image	210G_LC_Front.jpg			
A Overall length 2.42 m (7-ft 11-in.) arm	9.75 m	383.86	in.	31 ft 12 in.
Overall length 2.91 m (9-ft 7-in.) arm	9.66 m	380.31	in.	31 ft 8 in.
B Overall Height 2.42 m (7-ft 11-in.) arm	3.18 m	125.20	in.	10 ft 5 in.
Overall Height 2.91 m (9-ft 7-in.) arm	3.01 m	118.50	in.	9 ft 11 in.
C Rear-End Length/Swing Radius	2.89 m	113.78	in.	9 ft 6 in.
D Distance Between Idler/Sprocket Centerline	3.66 m	144.09	in.	12 ft 0 in.
E Undercarriage Length	4.47 m	175.98	in.	14 ft 8 in.
F Counterweight Clearance	1030 mm	40.55	in.	3 ft 5 in.
G Upperstructure Width	2.71 m	106.69	in.	8 ft 11 in.
H Cab Height	2.95 m	116.14	in.	9 ft 8 in.
I Track Width				
600 mm (24-in.)	0.60 m		24 in.	2 ft 0 in.
700 mm (28-in.)	0.70 m		28 in.	2 ft 4 in.
800 mm (32-in.)	0.80 m		32 in.	2 ft 8 in.
J Gauge Width	2.39 m	94.09	in.	7 ft 10 in.
K Ground Clearance	450 mm	17.72	in.	1 ft 6 in.
L Overall Width With Shoes				
600 mm (24-in.)	2.99 m	117.72	in.	9 ft 10 in.
700 mm (28-in.)	3.09 m	121.65	in.	10 ft 2 in.
800 mm (32-in.)	3.19 m	125.59	in.	10 ft 6 in.



## LIFT CHARTS

Ratings are at bucket lift hook, using standard counterweight, situated on firm, level, uniform supporting surface.

Figures do not exceed 87% of hydraulic capacity or 75% of weight needed to tip machine. Figures in bold are hydraulically-limited capacities. Remaining figures are stability-limited capacities.

Lift Capacity 210P		Horizontal Distance from Centerline of Rotation				
Arm: 2.42 m (7 ft11 in.)		Bucket: N/A			Shoe: 800 mm (32 in)	
		1.5	3.0	4.5	6.0	7.5
Lifting over front	m					
Load Point Height	ft	5	10	15	20	25
	6.0 m				<b>5,750</b>	
	20 ft				<b>12,650</b>	
	4.5 m			<b>7,330</b>	<b>6,230</b>	
	15 ft			<b>15,830</b>	<b>13,560</b>	
	3.0 m			<b>9,200</b>	<b>7,030</b>	5,770
	10 ft			<b>19,830</b>	<b>15,260</b>	12,420
	1.5 m			<b>10,720</b>	<b>7,800</b>	5,660
	5 ft			<b>23,150</b>	<b>16,920</b>	12,210
	Ground line m			<b>11,240</b>	<b>7,710</b>	5,590
	ft			<b>24,360</b>	<b>16,610</b>	12,070
	-1.5 m		<b>9,910</b>	<b>10,900</b>	<b>7,670</b>	
	-5 ft		<b>22,660</b>	<b>23,660</b>	<b>16,530</b>	
	-3.0 m		<b>13,220</b>	<b>9,720</b>	<b>7,160</b>	
	-10 ft		<b>28,670</b>	<b>21,020</b>	<b>15,300</b>	
	-4.5 m			<b>6,880</b>		
	-15 ft			<b>14,300</b>		
Arm: 2.42 m (7 ft11 in.)		Bucket: N/A			Shoe: 800 mm (32 in)	
Lifting over side	m	1.5	3.0	4.5	6.0	7.5
Load Point Height	ft	5	10	15	20	25
	6.0 m				5,600	
	20 ft				12,050	
	4.5 m			<b>7,330</b>	<b>5,450</b>	
	15 ft			<b>15,830</b>	<b>11,750</b>	
	3.0 m			<b>7,860</b>	<b>5,220</b>	3,780
	10 ft			<b>16,990</b>	<b>11,280</b>	8,160
	1.5 m			<b>7,420</b>	<b>5,010</b>	3,690
	5 ft			<b>16,020</b>	<b>10,820</b>	7,960
	Ground line m			<b>7,230</b>	<b>4,870</b>	3,620
	ft			<b>15,590</b>	<b>10,520</b>	7,830
	-1.5 m		<b>9,910</b>	<b>7,210</b>	<b>4,830</b>	
	-5 ft		<b>22,660</b>	<b>15,540</b>	<b>10,440</b>	
	-3.0 m		<b>13,220</b>	<b>7,320</b>	<b>4,920</b>	
	-10 ft		<b>28,670</b>	<b>15,780</b>	<b>10,640</b>	
	-4.5 m			<b>6,880</b>		
	-15 ft			<b>14,300</b>		

Lift Capacity 210P		Horizontal Distance from Centerline of Rotation				
Arm: 2.91 m (9 ft 7 in.)		Bucket: N/A			Shoe: 600 mm (24 in)	
		1.5	3.0	4.5	6.0	7.5
Lifting over front	m					
Load Point Height	ft	5	10	15	20	25
	6.0 m				<b>5,220</b>	
	20 ft				<b>11,480</b>	
	4.5 m			<b>6,610</b>	<b>5,770</b>	<b>5,390</b>
	15 ft			<b>14,290</b>	<b>12,580</b>	<b>11,830</b>
	3.0 m			<b>8,520</b>	<b>6,640</b>	5,610
	10 ft			<b>18,370</b>	<b>14,420</b>	12,090
	1.5 m			<b>10,260</b>	<b>7,520</b>	5,490
	5 ft			<b>22,150</b>	<b>16,300</b>	11,830
	Ground line m		<b>4,840</b>	<b>11,110</b>	7,470	5,390
	ft		<b>11,200</b>	<b>24,080</b>	16,100	11,630
	-1.5 m	<b>5,480</b>	<b>9,100</b>	<b>11,080</b>	7,390	5,360
	-5 ft	<b>12,290</b>	<b>20,710</b>	<b>24,030</b>	15,930	11,580
	-3.0 m	<b>9,970</b>	<b>14,390</b>	<b>10,220</b>	7,430	
	-10 ft	<b>22,420</b>	<b>31,190</b>	<b>22,110</b>	16,020	
	-4.5 m		<b>11,250</b>	<b>8,120</b>		
	-15 ft		<b>24,090</b>	<b>17,270</b>		
Arm: 2.91 m (9 ft 7 in.)		Bucket: N/A			Shoe: 600 mm (24 in)	
Lifting over side	m	1.5	3.0	4.5	6.0	7.5
Load Point Height	ft	5	10	15	20	25
	6.0 m				<b>5,220</b>	
	20 ft				<b>11,480</b>	
	4.5 m			<b>6,610</b>	5,370	3,790
	15 ft			<b>14,290</b>	11,570	8,170
	3.0 m			7,800	5,130	3,690
	10 ft			16,850	11,070	7,960
	1.5 m			7,300	4,890	3,580
	5 ft			15,770	10,560	7,720
	Ground line m		<b>4,840</b>	7,040	4,720	3,490
	ft		<b>11,200</b>	15,170	10,200	7,540
	-1.5 m	<b>5,480</b>	<b>9,100</b>	6,960	4,650	3,460
	-5 ft	<b>12,290</b>	<b>20,710</b>	15,010	10,050	7,490
	-3.0 m	<b>9,970</b>	13,610	7,020	4,690	
	-10 ft	<b>22,420</b>	29,180	15,150	10,140	
	-4.5 m		<b>11,250</b>	7,240		
	-15 ft		<b>24,090</b>	15,630		
Lift Capacity 210P		Horizontal Distance from Centerline of Rotation				
Arm: 2.91 m (9 ft 7 in.)		Bucket: N/A			Shoe: 700 mm (28 in)	
Lifting over front	m	1.5	3.0	4.5	6.0	7.5
Load Point Height	ft	5	10	15	20	25
	6.0 m				<b>5,220</b>	
	20 ft				<b>11,480</b>	
	4.5 m			<b>6,610</b>	<b>5,770</b>	<b>5,390</b>
	15 ft			<b>14,290</b>	<b>12,580</b>	<b>11,830</b>
	3.0 m			<b>8,520</b>	<b>6,640</b>	5,710
	10 ft			<b>18,370</b>	<b>14,420</b>	12,310
	1.5 m			<b>10,260</b>	<b>7,520</b>	5,590
	5 ft			<b>22,150</b>	<b>16,300</b>	12,050
	Ground line m		<b>4,840</b>	<b>11,110</b>	7,610	5,490
	ft		<b>11,200</b>	<b>24,080</b>	16,390	11,850
	-1.5 m	<b>5,480</b>	<b>9,100</b>	<b>11,080</b>	7,530	5,460
	-5 ft	<b>12,290</b>	<b>20,710</b>	<b>24,030</b>	16,220	11,800
	-3.0 m	<b>9,970</b>	<b>14,390</b>	<b>10,220</b>	7,570	
	-10 ft	<b>22,420</b>	<b>31,190</b>	<b>22,110</b>	16,320	
	-4.5 m		<b>11,250</b>	<b>8,120</b>		

-15 ft		24,090	17,270		
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Arm: 2.91 m (9 ft 7 in.)		Bucket: N/A			Shoe: 700 mm (28 in)	
Lifting over side	m	1.5	3.0	4.5	6.0	7.5
Load Point Height	ft	5	10	15	20	25
	6.0 m				<b>5,220</b>	
	20 ft				<b>11,480</b>	
	4.5 m			<b>6,610</b>	5,450	3,860
	15 ft			<b>14,290</b>	11,750	8,300
	3.0 m			7,920	5,210	3,750
	10 ft			17,100	11,250	8,090
	1.5 m			7,420	4,970	3,640
	5 ft			16,030	10,740	7,850
	Ground line m		<b>4,840</b>	7,160	4,810	3,550
	ft		<b>11,200</b>	15,430	10,380	7,670
	-1.5 m	<b>5,480</b>	<b>9,100</b>	7,080	4,740	3,530
	-5 ft	<b>12,290</b>	<b>20,710</b>	15,260	10,230	7,630
	-3.0 m	<b>9,970</b>	13,830	7,140	4,770	
	-10 ft	<b>22,420</b>	29,660	15,400	10,310	
	-4.5 m		<b>11,250</b>	7,360		
	-15 ft		<b>24,090</b>	15,890		
<b>Lift Capacity 210P</b>						
<b>Bold = hydraulically limited capacity</b>						
Arm: 2.91 m (9 ft 7 in.)		Bucket: N/A			Shoe: 800 mm (32 in)	
Horizontal Distance from Centerline of Rotation						
Lifting over front	m	1.5	3.0	4.5	6.0	7.5
Load Point Height	ft	5	10	15	20	25
	6.0 m				<b>5,220</b>	
	20 ft				<b>11,480</b>	
	4.5 m			<b>6,610</b>	<b>5,770</b>	<b>5,390</b>
	15 ft			<b>14,290</b>	<b>12,580</b>	<b>11,830</b>
	3.0 m			<b>8,520</b>	<b>6,640</b>	<b>5,750</b>
	10 ft			<b>18,370</b>	<b>14,420</b>	<b>12,470</b>
	1.5 m			10,260	7,520	5,660
	5 ft			22,150	16,300	12,210
	Ground line m		<b>4,840</b>	11,110	7,710	5,570
	ft		<b>11,200</b>	24,080	16,610	12,010
	-1.5 m	<b>5,480</b>	<b>9,100</b>	11,080	7,630	5,540
	-5 ft	<b>12,290</b>	<b>20,710</b>	24,030	16,440	11,960
	-3.0 m	<b>9,970</b>	14,390	10,220	7,590	
	-10 ft	<b>22,420</b>	31,190	22,110	16,340	
	-4.5 m		<b>11,250</b>	8,120		
	-15 ft		<b>24,090</b>	17,270		
Arm: 2.91 m (9 ft 7 in.)		Bucket: N/A			Shoe: 800 mm (32 in)	
Lifting over side	m	1.5	3.0	4.5	6.0	7.5
Load Point Height	ft	5	10	15	20	25
	6.0 m				<b>5,220</b>	
	20 ft				<b>11,480</b>	
	4.5 m			<b>6,610</b>	5,510	3,900
	15 ft			<b>14,290</b>	11,880	8,400
	3.0 m			8,010	5,270	3,800
	10 ft			17,300	11,380	8,190
	1.5 m			7,510	5,030	3,690
	5 ft			16,220	10,870	7,950
	Ground line m		<b>4,840</b>	7,250	4,870	3,600
	ft		<b>11,200</b>	15,620	10,510	7,770
	-1.5 m	<b>5,480</b>	<b>9,100</b>	7,170	4,800	3,570
	-5 ft	<b>12,290</b>	<b>20,710</b>	15,460	10,360	7,730
	-3.0 m	<b>9,970</b>	14,000	7,230	4,830	
	-10 ft	<b>22,420</b>	30,020	15,600	10,440	
	-4.5 m		<b>11,250</b>	7,450		
	-15 ft		<b>24,090</b>	16,080		
	1.5 m			7,860	5,260	3,850

5 ft			16,970	11,360	8,300
Ground line m		<b>4,800</b>	7,590	5,090	3,760
ft		<b>11,120</b>	16,360	10,980	8,120
-1.5 m	<b>5,430</b>	<b>9,060</b>	7,510	5,020	3,730
-5 ft	<b>12,190</b>	<b>20,630</b>	16,190	10,830	8,070
-3.0 m	<b>9,930</b>	<b>14,240</b>	7,580	5,050	
-10 ft	<b>22,330</b>	<b>30,870</b>	16,340	10,920	
-4.5 m		<b>11,110</b>	7,800		
-15 ft		<b>23,800</b>	16,850		

Lift Capacity 210P		Bucket: N/A					Shoe: 800 mm (32 in)	
Arm: 2.91 m (9 ft 7 in.) H		Horizontal Distance from Centerline of Rotation						
Lifting over front	m	1.5	3.0	4.5	6.0	7.5		
Load Point Height	ft	5	10	15	20	25		
	6.0 m				<b>5,150</b>			
	20 ft				<b>11,320</b>			
	4.5 m			<b>6,530</b>	<b>5,700</b>	<b>5,320</b>		
	15 ft			<b>14,110</b>	<b>12,410</b>	<b>11,680</b>		
	3.0 m			<b>8,420</b>	<b>6,560</b>	<b>5,670</b>		
	10 ft			<b>18,160</b>	<b>14,230</b>	<b>12,390</b>		
	1.5 m			<b>10,150</b>	<b>7,420</b>	<b>5,950</b>		
	5 ft			<b>21,910</b>	<b>16,100</b>	<b>12,820</b>		
	Ground line m		<b>4,800</b>	<b>11,000</b>	<b>8,000</b>	<b>5,850</b>		
	ft		<b>11,120</b>	<b>23,820</b>	<b>17,350</b>	<b>12,610</b>		
	-1.5 m	<b>5,430</b>	<b>9,060</b>	<b>10,960</b>	<b>8,020</b>	<b>5,820</b>		
	-5 ft	<b>12,190</b>	<b>20,630</b>	<b>23,780</b>	<b>17,280</b>	<b>12,560</b>		
	-3.0 m	<b>9,930</b>	<b>14,240</b>	<b>10,100</b>	<b>7,490</b>			
	-10 ft	<b>22,330</b>	<b>30,870</b>	<b>21,860</b>	<b>16,130</b>			
	-4.5 m		<b>11,110</b>	<b>8,010</b>				
	-15 ft		<b>23,800</b>	<b>17,040</b>				
Arm: 2.91 m (9 ft 7 in.) H		Bucket: N/A					Shoe: 800 mm (32 in)	
Lifting over side	m	1.5	3.0	4.5	6.0	7.5		
Load Point Height	ft	5	10	15	20	25		
	6.0 m				<b>5,150</b>			
	20 ft				<b>11,320</b>			
	4.5 m			<b>6,530</b>	<b>5,700</b>	<b>4,120</b>		
	15 ft			<b>14,110</b>	<b>12,410</b>	<b>8,870</b>		
	3.0 m			<b>8,420</b>	<b>5,570</b>	<b>4,010</b>		
	10 ft			<b>18,160</b>	<b>12,020</b>	<b>8,650</b>		
	1.5 m			<b>7,950</b>	<b>5,320</b>	<b>3,890</b>		
	5 ft			<b>17,160</b>	<b>11,490</b>	<b>8,400</b>		
	Ground line m		<b>4,800</b>	<b>7,680</b>	<b>5,150</b>	<b>3,800</b>		
	ft		<b>11,120</b>	<b>16,550</b>	<b>11,120</b>	<b>8,220</b>		
	-1.5 m	<b>5,430</b>	<b>9,060</b>	<b>7,600</b>	<b>5,080</b>	<b>3,780</b>		
	-5 ft	<b>12,190</b>	<b>20,630</b>	<b>16,380</b>	<b>10,960</b>	<b>8,170</b>		
	-3.0 m	<b>9,930</b>	<b>14,240</b>	<b>7,670</b>	<b>5,110</b>			
	-10 ft	<b>22,330</b>	<b>30,870</b>	<b>16,530</b>	<b>11,060</b>			
	-4.5 m		<b>11,110</b>	<b>7,890</b>				
	-15 ft		<b>23,800</b>	<b>17,040</b>				



## STANDARD WARRANTY FOR NEW JOHN DEERE CONSTRUCTION, COMPACT CONSTRUCTION (CCE) FORESTRY, AND UTILITY PRODUCTS – US & CANADA

- **Construction & Forestry Products:** 12 months/unlimited hours (whichever occurs first) Full Machine Standard Warranty
- **Compact Construction Equipment (CCE) Products:** 24 months or 2000 hours (whichever occurs first) Full Machine Standard Warranty
- **C&E Series Pull-Type Scrapers:** 6 months Full Machine Standard Warranty
- **DC & DE Pull-Type Scrapers:** 12 months Full Machine Standard Warranty
- **Scraper Tractors:** 24 Months or 2000 Hours (whichever occurs first) Full Machine Standard Warranty
- **Forestry Attachments:** 12 Months or 2000 Hours (whichever occurs first) Full Machine Standard Warranty

The "Standard Warranty" is part of the warranty protection package available from John Deere Construction & Forestry Company (John Deere Limited in Canada) ("John Deere") to purchasers of new John Deere products ("product"):

**STANDARD Warranty** is John Deere's standard new product warranty, described in this document, provided at no additional charge to the purchaser.

**EXTENDED Warranty** is a separate repair contract made available by John Deere for purchasers who wish to complement their Standard Warranty coverage. Complete Extended Warranty details, including coverage options and limitations, are set forth in the Application for Extended Warranty, which is available from authorized John Deere dealers.

**STRUCTURAL Warranty** applies to certain structural components as listed below and as described in this document.

**FACTORY-INSTALLED UNDERCARRIAGE Warranty** applies to certain undercarriage components as listed below and as described in this document.

### A. STANDARD WARRANTY - GENERAL PROVISIONS

John Deere will repair or replace, at its option, any parts (except those specified below) of a new John Deere product that, as delivered to the original retail purchaser(s), are defective in material or workmanship. Performance of this warranty will be free of charge for parts and labor, except as otherwise stated below. Standard Warranty applies only to purchases from John Deere and authorized John Deere dealers and, except as otherwise provided in the next sentence and section L below, is extended only to the original retail purchaser of the product. Remaining Standard Warranty applicable to a used John Deere product is transferred to a subsequent purchaser of the product only if the subsequent purchaser requests a transfer from an authorized John Deere dealer before the product's Standard Warranty expires. Coverage begins on the date of delivery of the product to the original retail purchaser. For purposes of this warranty, a product that has been rented, used for demonstration purposes for 150 or more hours, or otherwise used prior to its original retail purchase has been "used" for the total duration of such use. Warranty statements required by law covering engine emissions-related parts and components are found on a separate written warranty certificate provided to the purchaser at the time of the original retail purchase.

### B. WHAT IS COVERED BY STANDARD WARRANTY

All parts of a new John Deere product (except those noted in Sections D and E below) are covered during the Standard Warranty period set out above.

### C. EXCLUSIVE REMEDY

The repair or replacement of covered parts or components that are defective, as provided in Sections A, B, D.2 and D.3 herein, shall be the purchaser's exclusive remedy for any defect in the product. However, if after repeated attempts such repair or replacement fails to correct the performance problem caused by the defect, the purchaser's sole remedy shall be a refund of the amount paid for the product (in exchange for a return of the product), excluding any transportation charges, license fees, taxes and insurance premiums, and less a reasonable allowance for use of the product prior to its return. In no event will the dealer, John Deere or any company affiliated with John Deere be liable for any incidental or consequential damages, including but not limited to loss of profits, rental of substitute equipment or other commercial loss. Correction of defects in the manner provided above shall constitute fulfillment of

all liabilities of the Dealer, John Deere, or any company affiliated with John Deere to the purchaser or any other person, whether based upon contract, tort, strict liability, or otherwise. This limitation does not apply to claims for personal injury.

#### D. ITEMS COVERED SEPARATELY -

1. Standard Warranty does not apply to batteries, radios, tires, cameras, or to Cummins, MTU or Detroit Diesel Engines installed in John Deere products, which are covered by separate written warranties.
2. Factory-Installed Undercarriage Warranty covers all non-rubberized factory-installed undercarriage wear components for 3 years or 4,000 hours from the date of delivery to the original retail purchaser, whichever occurs first (unless terminated earlier under Section F, below). For purposes of this warranty, a product that has been rented, used for demonstration purposes for 150 or more hours, or otherwise used prior to its original retail purchase has been "used" for the total duration of such use. In addition to the items listed in section E below, Factory-Installed Undercarriage Warranty does not cover: failures due to wear, machine application, maintenance practices, or improper machine configuration; removal and installation labor; transportation or hauling costs; unapproved parts; non-wear items; and rubberized undercarriage components such as rubber tracks. Warranty claims will be pro-rated based upon wear of the failed component and whether track shoe width is approved by John Deere. Factory-Installed Undercarriage Warranty does not apply to Scraper Tractors.
3. StructurALL Warranty for new John Deere Products (except Compact Excavators & Loaders, Skid-Steer Loaders, Compact Track Loaders, Scraper Tractors, Pull-Type Scrapers, and Forestry Attachments, which are not eligible for StructurALL Warranty) begins at the date of delivery to the original retail purchaser and ends (unless terminated earlier under Section F, below) after three (3) years, or 10,000 hours (whichever occurs first). For purposes of this warranty, a product that has been rented, used for demonstration purposes for 150 or more hours, or otherwise used prior to its original retail purchase has been "used" for the total duration of such use. **StructurALL Warranty applies only to the following structural components listed below as installed on the product at the time of original manufacture.** If a particular component is not listed below it is not covered by StructurALL Warranty.

Arm; Articulation Joint (incl. pins & bushings); Bin Frame; Boom; Carbody; C-Frame\*; Circle Frame; Coupler (John Deere built ONLY); Dipperstick; Draft Frame; Engine Frame; Equipment Frame; Grapple Arch and Grapple Boom; Loader Arm; Loader Frame; Mainframe; Moldboard Lift Arm; Pushbeam, NeverGrease™ Pin Joints [Includes steering pin and bushing joints (standard equipment), roller elements (roller bearings) in bucket to boom joints and sliding elements (bushing) for boom and linkage joints (optional equipment)]; Rollover Protection Structure (ROPS); Side Frame; Swing Frame; Track Frame; Undercarriage Frame; X-Frame; Z-bar loader linkage (including bell crank and bucket driver link); Specialty booms and arms marketed as "heavy duty" by John Deere.

*Items Covered by StructurALL for Cut-to-Length Forestry Machines:* Front frame (welded assembly); Rear frame (welded assembly); Crane king post with basement; Middle joint frame; Cabin swing frame; Main Boom

StructurALL Warranty does not apply to:

1. Any product used primarily in extreme duty or severe duty applications such as but not limited to: demolition and wrecking, chemical plant (including fertilizer plants), salt mines, steel mill, land fill and transfer stations, scrap handling, scarifying and other applications that are similarly destructive or similarly heavy duty except specialty booms and arms as stated in Section D.3 above.
2. C-Frames on Crawlers equipped with root rakes or used in forestry applications unless equipped with an "extreme duty" reinforcement package.
3. Cut-to-Length Forestry Heads and Slash Bundler Units.
4. Crawlers equipped with optional side booms.
5. Cut-to-Length Forestry, Excavator, and Log Loader swing bearings.
6. Motor Graders equipped with front- or rear-mounted snow wings.



#### **E. ITEMS NOT COVERED -**

John Deere is NOT responsible for the following:

1. Freight.
2. Adjustments to compensate for wear, for periodic maintenance or adjustments that result from normal wear and tear.
3. Damage caused by unapproved adjustments (electronic or mechanical) to machine or machine components outside of published specifications including but not limited to engine, hydraulic components and relief valves.
4. Program updates, calibrations, and pressure adjustments.
5. Additional Labor Time - Above Dealer Labor Rate.
6. Additional Cleaning - Above Dealer Labor Rate.
7. Rental Fees.
8. Depreciation or damage caused by normal wear or application, lack of reasonable and proper maintenance, failure to follow operating instructions, misuse, lack of proper protection during storage, vandalism, negligence, collision, expenses to seek reinstatement of warranty following theft or loss of Product, or other accidents.
9. Premiums charged for Overtime Labor.
10. Transportation to and from the dealership.
11. Travel time, mileage, or service calls by the dealer.
12. Non-John Deere components or modifications, Rotobec grapples, and attachments installed aftermarket.
13. Shop supplies and maintenance items such as, but not limited to: filters, fuels, oil, hydraulic fluid, lubricants, coolants, conditioners, shop towels, cleaners and degreasers.
14. Torn, cut, or worn hoses.
15. Wear items, such as, but not limited to: body liner, belts, blades, bulbs, lubricated joints (including pins and bushings), dry brakes, brake linings, dry clutch linings, saw blades, chains, skidder grapple shocks, color marking nozzles, and articulation bumpers.
16. Items such as cutting-edge parts, delimiting knives, bucket teeth and rubber track are not warranted for depreciation or damage caused by normal wear, lack of proper maintenance, misuse, failure to follow operating instructions, the elements or accident.
17. Any defect in a non-covered component, or damage to or failure of a covered component caused by a defect in a non-covered component.
18. Secondary damage which occurs from continued operation of a product after recognition of the occurrence of a failure.
19. Parts supplied by or repairs, maintenance or modifications performed by someone other than an authorized John Deere dealer, including any damage caused by such use of parts, repairs, maintenance, or modifications not performed by an authorized John Deere dealer.
20. The use of "track type" tire chains on Feller Bunchers and Skidders is an unapproved modification. Warranty will be void on these machines using "track type" tire chains.
21. Topping off fluids when fluid levels fall in the range between low and full
22. Parts/Kits not ordered on machine and installed aftermarket. These parts will be covered by any applicable parts warranty.
23. Attachments installed aftermarket – i.e., Winch not installed at factory.
24. Custom options installed outside the factory – i.e., G.R. Manufacturing option packages.
25. Used Products (except as otherwise provided in section L below).
26. Lost or stolen Products.

#### **F. TERMINATION OF WARRANTY-**

John Deere is relieved of its obligations under Standard Warranty, StructurALL Warranty, Factory-Installed Undercarriage Warranty and/or Extended Warranty if:

1. The product is modified or altered in ways not approved by John Deere; or
2. Any unapproved or improperly sized attachment is installed on the product. Approval and attachment size shall be at John Deere's sole discretion. (Consult dealer prior to installing attachments or product modification).
3. The product is moved outside the US and/or Canada.

#### G. PARTS REPLACED UNDER WARRANTY -

Only new or remanufactured parts or components furnished or approved by John Deere, will be used if John Deere elects to repair the product. If any such part or component is defective in material or workmanship when installed in the product, John Deere will repair or replace, as it elects, such defective part or component, provided the defect is reported to an authorized John Deere dealer within 90 days of installation or before expiration of the applicable Standard Warranty, Factory-Installed Undercarriage Warranty and/or StructurALL Warranty whichever is later.

#### H. TELEMATICS

*NOTICE: Products may be equipped with telematics hardware and software ("Telematics") that transmit data to John Deere/ Dealer. Purchaser may deactivate Telematics at [www.jdlink.com](http://www.jdlink.com).*

Notwithstanding Purchaser's right, title or interest in the Products, Purchaser agrees that John Deere and Dealer (their affiliates, successors and assigns), without further notice to Purchaser have the right to:

1. Access, use, collect and disclose any data generated by, collected by, or stored in, Products or any hardware or devices interfacing with Products ("Machine Data");
2. Access Machine Data directly through data reporting devices integrated within, or attached to, Products, including Telematics ("Data Reporting Systems"); and
3. Update the Data Reporting Systems software from time to time. Machine Data will only be used in accordance with John Deere's Machine Data Policy, located at [www.JohnDeere.com/MachineDataPolicy](http://www.JohnDeere.com/MachineDataPolicy).

#### I. OBTAINING WARRANTY SERVICE -

To obtain warranty service, the purchaser must request warranty service from a John Deere dealer authorized to sell the product to be serviced. When making such a request, the purchaser must present evidence of the product's delivery date, make the product available at the dealer's place of business, and inform the dealer in what way the purchaser believes the product to be defective. Standard Warranty, Factory-Installed Undercarriage Warranty and/or StructurALL Warranty repairs may be made in the field if the purchaser and servicing dealer so desire. However, John Deere will not be responsible for any charges (such as dealer travel time, mileage or extra labor) that would not have been incurred had the product been repaired at the dealer's place of business.

#### J. NO IMPLIED WARRANTY, CONDITIONS OR OTHER REPRESENTATION -

Where permitted by law, neither John Deere nor any company affiliated with it makes any warranties, representations, conditions or promises, express or implied, as to the quality, performance, or freedom from defect of its products, other than those set forth in this document and **NO IMPLIED WARRANTY OF MERCHANTABILITY, CONDITIONS OR FITNESS IS MADE.**

#### K. NO DEALER WARRANTY -

The selling dealer makes no warranty of its own on any item covered by this warranty and makes no warranty on other items unless the dealer delivers to the purchaser a separate written warranty certificate specifically warranting the item. **The dealer has no authority to make any representation or promise on behalf of John Deere, or to modify the terms or limitations of this warranty in any way.**

#### L. USED JOHN DEERE PRODUCTS ONLY -

John Deere will transfer remaining Standard Warranty, Factory-Installed Undercarriage Warranty and/or StructurALL Warranty to the purchaser of a used John Deere construction and/or forestry product that has been used for less than the full warranty period provided at the product's original retail purchase. This transfer is not effective until change of ownership is registered by a John Deere dealer. **ALL THE TERMS, INCLUDING LIMITATIONS AND EXCLUSIONS, OF THE JOHN DEERE STANDARD WARRANTY, FACTORY-INSTALLED UNDERCARRIAGE WARRANTY, AND/OR STRUCTURALL WARRANTY ORIGINALLY PROVIDED FOR THE PRODUCT REMAIN IN EFFECT AND APPLICABLE.**

Company ID Number: 513478

## 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 Department of Homeland Security (DHS) and Warrior Tractor & Equipment Co., Inc. (Employer) regarding the Employer's participation in the Employment Eligibility Verification Program (E-Verify). This MOU explains certain features of the E-Verify program and enumerates specific responsibilities of DHS, the Social Security Administration (SSA), and the Employer. E-Verify is a program that electronically confirms an employee's eligibility to work in the United States after completion of the Employment Eligibility Verification Form (Form I-9). For covered government contractors, E-Verify is used to verify the employment eligibility of all newly hired employees and all existing employees assigned to Federal contracts or to verify the entire workforce if the contractor so chooses.

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). Authority for use of the E-Verify program by Federal contractors and subcontractors covered by the terms of Subpart 22.18, "Employment Eligibility Verification", of the Federal Acquisition Regulation (FAR) (hereinafter referred to in this MOU as a "Federal contractor with the FAR E-Verify clause") to verify the employment eligibility of certain employees working on Federal contracts is also found in Subpart 22.18 and in Executive Order 12989, as amended.

### ARTICLE II

#### FUNCTIONS TO BE PERFORMED

##### A. RESPONSIBILITIES OF SSA

1. SSA agrees to provide the Employer with available information that allows the Employer to confirm the accuracy of Social Security Numbers provided by all employees verified under this MOU and the employment authorization of U.S. citizens.
2. 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. 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. 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 SSA as governed

# E-Verify



Company ID Number: 513478

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 at 888-464-4218.

<b>Employer Warrior Tractor &amp; Equipment Co., Inc.</b>	
<b>Stanley McCracken</b>	
Name (Please Type or Print)	Title
<b>Electronically Signed</b>	<b>03/01/2012</b>
Signature	Date
<b>Department of Homeland Security – Verification Division</b>	
<b>USCIS Verification Division</b>	
Name (Please Type or Print)	Title
<b>Electronically Signed</b>	<b>03/01/2012</b>
Signature	Date

## Information Required for the E-Verify Program

### Information relating to your Company:

Company Name:	Warrior Tractor & Equipment Co., Inc.
Company Facility Address:	6801 McFarland Blvd
	Northport, AL 35476
Company Alternate Address:	P O Box 412
	Northport, AL 35476
County or Parish:	TUSCALOOSA
Employer Identification Number:	630588737

Company ID Number: 513478

North American Industry Classification Systems Code:	423
Administrator:	Warrior Tractor and Equipment Co., Inc.
Number of Employees:	100 to 499
Number of Sites Verified for:	1
<b>Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State:</b>	
<ul style="list-style-type: none"><li>• ALABAMA 1 site(s)</li></ul>	

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

Name:	Stanley N McCracken	Fax Number:	(205) 333 - 0101
Telephone Number:	(205) 339 - 0300		
E-mail Address:	wte024@warriortractor.com		