

## 300G LC FT4 EXCAVATOR



JOHN DEERE

10-Jan-2022

Code	Description	QTY	List Price (USD)
0A20FF	300G LC FT4 EXCAVATOR	1	\$320,566.00

## 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  
Auto Power Lift  
Hydraulic Tank Site Gauge  
5,000 Hour Hydraulic Oil Change Interval  
Hydraulic Oil Sampling Valve  
Inline DEF Filter

## UNDERCARRIAGE:

32 In. (800 mm) Triple Grouser Shoes  
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

## UPPER STRUCTURE:

Right, Left and Counterweight Mirrors  
Toolbox  
Vandal Locks for:  
Cab Door  
Service Doors  
Tool Box  
Counterweight, 12346 lbs. (5,600 kg)  
Work Lights:  
One Mounted on Frame  
One Mounted on Boom  
Debris Screening Side Panel  
Remote Mounted Engine Oil and Fuel Filters  
Handrails

## FRONT ATTACHMENT:

Oil Impregnated Bushings  
Reinforced Resin Thrust Plates  
Tungsten Carbide Thermal Coating on arm to Bucket Joint  
Centralized Lubrication System  
Dirt Seals on Bucket Pins  
Less Boom

10-Jan-2022

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Page 1 of 13

Less Arm  
Less Bucket

## OPERATOR'S STATION:

JDLink Ultimate Machine Monitoring System w/ 3-year Message Service  
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  
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  
Rear view camera  
Control Pattern Changer  
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

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## ENGINE

## Engine

## Basic Factory Options - Required

1095	Engine Stage IV Emissions	\$31,680.00
	John Deere PowerTech PSS 6.8L 223 Net Rated hp (ISO 9249) Turbocharger Charge Air Cooler Electronic Engine Control Unit Auto-Idle System Cool on Demand Hydraulic Driven Fan Antifreeze Protection to -34F (-37C) Enclosed Fan Guard Dual Element Dry-type Air Filter with Restriction Indicator Full Flow Oil Filter Double Fuel Filter Water Separator Underhood Diesel Particulate Filter with Curved Exhaust Automatic Belt Tension Device Glow Plug Start Aid Heavy Duty, Low Maintenance Batteries 100-Amp Alternator - 24 Volt 500 Hour Engine Oil Change Interval 70% (35 degrees) Off Level Capability Engine Oil Sampling Valve	

## Heater

## Field Installed Attachments - Optional

9015	Engine Block Heater	\$248.00
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## Filter

## Field Installed Attachments - Optional

9060	Fuel Filter, Severe-Duty	\$175.00
	Required outside the United States and Canada (required for Canada if equipped with Tier 3 engine).	

9070	Engine Air Centrifugal Pre-Cleaner	\$631.00
	Recommended for harsh conditions	

## Engine Fan

## Field Installed Attachments - Optional

9115	Automatic Reversing Cooling Fan	\$1,726.00
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Features selectable intervals and manual override.  
For use in environments with airborne debris.

9180 Single Pedal Propel \$2,259.00  
Additional pedal for tracking both tracks simultaneously in the same direction

Exhaust Field Installed Attachments - Optional

9700 Chrome Exhaust \$429.00

#### DESTINATION AND LANGUAGE

Operator's Manual and Decals Basic Factory Options - Required

1600 English Customer Delivery Packet No Added Cost  
English Decals and Customer Delivery Packet

Shipping Preparation Field Installed Attachments - Optional

9803 Special Export Preparation-- Do not install front for shipping No Added Cost  
For Export Containerization

#### JOHN DEERE WORKSIGHT™

Machine Connectivity Basic Factory Options - Required

Machine connectivity functions require cellular coverage. Usage of JDLink /ZXLlink System requires customer's acceptance of the terms of the John Deere Telematics System Contract.

Option availability limited by specific geographical regions. Please refer to region specific price pages for appropriate ordering codes.

170K JDLink™ No Added Cost  
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.

## UNDERCARRIAGE

Track Shoes

Basic Factory Options - Required

3325	700 mm (28 In.) Triple Semi-Grouser Shoes Recommended for general conditions and soft terrain.	(\$1,221.00)
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3350	Triple Semi-Grouser Shoes 800 mm (32 In.) Recommended for extremely soft terrain.	No Added Cost
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33E1	Less Undercarriage Scr	(\$49,471.00)
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Undercarriage

Field Installed Attachments - Optional

9160	Track Frame Undercover	\$643.00
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## OPERATOR'S STATION AND CONTROLS

Seat

Basic Factory Options - Required

4125	Seat, Standard Mechanical	No Added Cost
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4130	Seat, Heated Air-Suspension	\$1,366.00
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4135	Seat, Premium Leather – Thermal Heating and Active Cooling – Active heating and cooling – Air suspension – High seat back – 3-way adjustability – High visibility orange 3 inch seat belt	\$2,731.00
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Light Package

Field Installed Attachments - Optional

9150	Light Package	\$2,258.00
	<ul style="list-style-type: none"> <li>- All exterior machine lights are LED</li> <li>- 2 Front Cab lights, 1 Rear Cab light, 1 Toolbox Light, 1 Under Engine Hood Light, 1 Left hand and 1 Right hand Boom Lights</li> </ul>	

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**BOOM**

Boom

Basic Factory Options - Required

6801	Less Boom	No Added Cost
	<p>Excludes Arm Cylinder, Boom Cylinders and Plumbing on Boom. Includes Pin Connecting Boom to Mainframe and the Two Boom Cylinder Pins. Requires code 7001, "Less Arm". The "Hydraulic Filter Restriction Indicator" in DEALER-INSTALLED ATTACHMENTS is recommended</p>	

6835	One Piece Boom with Arm Cylinder and Plumbing	\$29,064.00
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Grade Ready/Grade Guidance

Basic Factory Options - Required

7901	Less Grade Reference Ready Mounts	No Added Cost
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7920	Grade Reference Ready Mounts	\$1,738.00
	<p>Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers. 3.1M Arm</p>	

7930	Grade Reference Ready Mounts	\$1,738.00
	<p>Includes mounting points on link, arm, boom, upperstructure, and counterweight for grade reference sensors. Sensors, manufacturing specific mounts, wiring harness, and monitor provided by OEM suppliers. 3.75M Arm</p>	

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Boom Cylinders

Field Installed Attachments - Optional

9010	Boom Cylinders with Plumbing to Main Frame	\$7,386.00
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9011	Boom Cylinders with Plumbing to Main Frame Requires 6801, Less Boom, and Code 7001, Less Arm. For use with Super Long Fronts.	\$7,386.00
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## ARM

Arm

Basic Factory Options - Required

7001	Less Arm, Bucket Cylinder, Bucket Linkage and All Attaching Pins and Hoses Hydraulic Filter Indicator Recommended. Requires code 8001, Less Buckets.	No Added Cost
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7160	Arm with Bucket Cylinder and Linkage 3.1 M (10 ft. 2 in.)	\$14,317.00
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7180	Arm with Bucket Cylinder and Linkage 3.75 M (12 ft. 4 in.) Not recommended for impact (hammer) or high density material applications.	\$18,839.00
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## HYDRAULICS

Auxiliary Hydraulics

Basic Factory Options - Required

7401	Less Auxiliary Hydraulics	No Added Cost
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7444	Auxiliary High-Flow Lines Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.  Requires dealer installed 1-way solenoid kit, 2-way solenoid kit, AFL kit, or a foot pedal kit for auxiliary hydraulics functionality. For 3.1m Arm	\$7,904.00
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7454	Auxiliary High-Flow Lines Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.  Requires dealer installed 1-way solenoid kit, 2-way solenoid kit, AFL kit, or a foot pedal kit for auxiliary hydraulics functionality. For 3.7m Arm	\$8,135.00
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7491	Auxiliary High-Flow Lines with AFL and Auxiliary Relief Pressure Adjustment	\$13,157.00
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Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.

Includes 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.  
For 3.1m Arm

7496 Auxiliary High-Flow Lines with AFL and Auxiliary Relief Pressure Adjustment \$13,387.00

Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.

Includes 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.  
For 3.7m Arm

7497 Auxiliary High-Flow Lines with AFL, Auxiliary Relief Pressure Adjustment and Two Pump Combined Flow \$15,423.00

Includes combination auxiliary hydraulic piping with dedicated stop valves for each attachment.

Includes 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.

Ability to set internally combined pump flow for higher demand attachments.  
For 3.7m Arm

## BUCKETS

### Buckets

Basic Factory Options - Required

All Heavy-Duty and Severe-Duty Buckets come standard with TK-Series Fanggs Teeth.

8001 Less Bucket No Added Cost

Includes bucket mounting pins.

8350 Heavy-Duty Bucket \$13,850.00

54 In. (1375 mm), 2.27 Yd3 (1.74 M3) Heavy-Duty Bucket  
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD).

8420 Heavy-Duty Bucket \$10,828.00

36 In. (914 mm), 1.30 Yd3 (0.99 M3) Heavy-Duty Bucket  
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD).

8430 Heavy-Duty Bucket \$11,722.00

42 In. (1067 mm), 1.59 Yd3 (1.22 M3) Heavy-Duty Bucket  
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).

8440 Heavy-Duty Bucket \$12,472.00

Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).  
48 In. (1219 mm), 1.88 Yd3 (1.44 M3) Heavy-Duty Bucket

### Hydraulic Thumb Kits

Field Installed Attachments - Optional



AT379658	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: 300/345 3.75M (12'4") Not compatible with couplers.	\$12,343.00
AT379659	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: 300/345 3.75M (12'4") Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11631.	\$12,343.00
AT389951	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.	\$10,493.00
AT339844	Deere/Hitachi Hydraulic Thumb Installation Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.	\$2,086.00
	Buckets, Heavy-Duty	Field Installed Attachments - Optional
BYT11166	60IN (1525MM) 2.09YD (1.60 M3) HD Bucket Includes Seven (7) TK400 Series Teeth.	\$9,331.00
BYT11165	54 In (1372 mm), 1.61 yd3 (1.23 M3) Heavy-Duty Bucket Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)	\$8,720.00
BYT11162	36 In (914 mm), 0.97 yd3 (0.74 M3) Heavy-Duty Bucket Includes Four (4) John Deere TK-Series Fanggs Teeth (TK400FD)	\$7,076.00
BYT11163	42 In (1067 mm), 1.19 yd3 (0.91 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs Teeth (TK400FD).	\$7,783.00
BYT11164	48 In (1219 mm), 1.39 yd3 (1.06 M3) Heavy-Duty Bucket Includes Six (6) John Deere TK-Series Fanggs Teeth (TK400FD)	\$8,377.00
	Buckets, Side Cutters	Field Installed Attachments - Optional

AT342512	Side-Cutter Kit, 3 inch	\$679.00
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AT342513	Side-Cutter Kit, 6 inch	\$679.00
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AT342511	Edge Protector Kit	\$655.00
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MISCELLANEOUS

Miscellaneous

Field Installed Attachments - Optional

Hydraulics

Field Installed Attachments - Optional

AT442310	Auxiliary Lines, High-Flow for 3.75 M Arm for 300G	\$6,681.00
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AT453870	Boom Cylinder Anti-Drift Valve with Plumbing and Hardware	\$3,603.00
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AT327836	Two-Pump Combined Flow Piping For attachments that require additional hydraulic flow.	\$1,691.00
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AT445803	Hydraulic Filter Restriction Indicator Kit	\$797.00
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AT327659	Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	\$3,131.00
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For ZX350LC-3,ZX350LC-5,ZX380LC-5N machines also order the following parts:

AT332580 Hydraulic Hose

M44269 Spacer

T153064 Clamp

14M7415 Nut M12

24M7404 Washer (2 used)

4053698 Clamp

For 350DLC,350GLC,380GLC machines also order the following parts:

AT332580 Hydraulic Hose

M44269 Spacer

T153064 Clamp  
14M7415 Nut M12  
24M7404 Washer (2 used)  
4053698 Clamp

AT445467 Control Solenoids for 2-Way Auxiliary Hydraulics \$808.00  
Monitor can be used to control hydraulic flow.  
Can be used with either right-hand or left-hand control handle.

AT446155 Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch \$960.00  
Does not use the monitor for flow control.  
Does not require solenoids for auxiliary hydraulics.  
Includes foot switch, solenoid, wiring, and hoses.

AT327652 Control Handle for Auxiliary Hydraulics, Left-Hand \$530.00  
Requires control solenoid for either 1-way or 2-way auxiliary hydraulics.  
Recommended for use with auxiliary hydraulic lines.

## Powertrain &amp; Cooling

Field Installed Attachments - Optional

AT453858 Automatic Reversing Cooling Fan \$2,153.00  
Features selectable intervals and manual override.  
For use in environments with airborne debris.  
Installation time 2 hours.

## G.R.Mfg.

Field Installed Attachments - Optional

AT401260 Guard, Slant Top Rub Rails \$2,234.00

BYT11004 Auxiliary Counterweight, 2250 lbs. \$11,710.00

ETN210311 Front Window Guard, Polycarbonate \$3,598.00

## Hydraulic Couplers

Field Installed Attachments - Optional

AT452019 Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit \$10,026.00  
Includes non-variable hydraulic quick coupler with hydraulic and electrical control components

AT345608	Installation Charge for Hydraulic Quick Coupler	\$1,471.00
	<p>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.</p> <p>The related machine order must reference the attachment order number.</p> <p>Order code available only for Kernersville, North Carolina installations.</p>	

AT389949	Hydraulic Thumb Kit, Direct for Couplers	\$10,493.00
	<p>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.</p> <p>Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11631.</p>	

BYT11631	Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only	\$13,112.00
	<p>Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins.</p> <p>Controls components NOT included. Also purchase Controls Kit BYT11632 (250G/ZX) or BYT11633 (300G/ZX; 345G/ZX).</p> <p>Not compatible with hydraulic thumb AT379652, AT379653, AT379654, or AT379655 (250G/ZX).</p> <p>Not compatible with hydraulic thumb AT389951, AT389948, AT379658, or AT379659 (300G/ZX; 345G/ZX).</p>	

BYT11633	Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only	\$1,613.00
	<p>Controls kit ONLY. Includes hydraulic control components, electrical control components and components to manifold on end of arm.</p> <p>Does not include hydraulic quick coupler - also purchase BYT11631.</p> <p>May not be required if replacing existing hydraulic quick coupler.</p>	

Operator Environment

Field Installed Attachments - Optional

AT396663	Exterior Work Lights Package	\$748.00
	<p>Additional 2 Cab lights, with 1 Right hand Boom Light.</p>	

BYT11141	Full Length Front Guards	\$1,547.00
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BYT11977	Light Kit, 130-350 LED LIGHT KIT	\$1,700.00
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Overall Vehicle

Field Installed Attachments - Optional

BYT11005	Vandal Covers	\$3,053.00
	<p>After Serial # 30847</p>	

Guards

Field Installed Attachments - Optional

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AT390802	Cab FOPS Guard FOPS Level II, ISO 10262 Certified	\$3,259.00
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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.