

## 130G FT4 EXCAVATOR



JOHN DEERE

07-Jan-2022

Code	Description	QTY	List Price (USD)
05N1FF	130G FT4 EXCAVATOR	1	\$187,647.00

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

## 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  
 Seven Lower Rollers  
 One Upper Roller  
 Spring Applied Hydraulic Released Propel Brake

## UPPER STRUCTURE:

Right, Left Mirrors(2)  
 Toolbox  
 Vandal Locks for:  
 Cab Door  
 Service Doors  
 Fuel Cap  
 Tool Box  
 Counterweight, 5,181 lbs. (2,350 kg)  
 Work Lights:  
 One Mounted on Frame  
 One Mounted on Boom  
 Debris Screening Side Panel  
 Remote Mounted Engine Oil and Fuel Filters

## 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

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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  
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

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ENGINE		
	Engine	Basic Factory Options - Required
1095	Engine Stage IV Emissions John Deere PowerTech PWS 4.5L 98 Net Rated hp (ISO 9249) Turbocharger Charge Air Cooler Electronic Engine Control Unit Auto-Idle System Cool on Demand 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 Automatic Belt Tension Device Glow Plug Start Aid Heavy Duty, Low Maintenance Batteries 100-Amp Alternator - 24 Volt 500 Hour Engine Oil Change Interval Engine Oil Sampling Valve.	\$10,992.00
	Heater	Field Installed Attachments - Optional
9015	Engine Block Heater	\$248.00
	Filter	Field Installed Attachments - Optional
9060	Fuel Filter, Severe-Duty	\$175.00
	Engine Fan	Field Installed Attachments - Optional
9180	Single Pedal Propel Additional pedal for tracking both tracks simultaneously in the same direction	\$2,253.00
	Exhaust	Field Installed Attachments - Optional

9700	Chrome Exhaust	\$403.00
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DESTINATION AND LANGUAGE

Operator's Manual and Decals

Basic Factory Options - Required

1600	English Customer Delivery Packet	No Added Cost
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Decals

Field Installed Attachments - Optional

Shipping Preparation

Field Installed Attachments - Optional

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

Machine Connectivity

Basic Factory Options - Required

Machine connectivity functions require cellular coverage. Usage of JDLink /ZXLink 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
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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.

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UNDERCARRIAGE

Track Shoes

Basic Factory Options - Required

3200	600 mm (24 In.) Triple Semi-Grouser Shoes Recommended for rocky terrain, hard ground and stumps. Without Backfill Blade.	No Added Cost
3205	600 mm (24 In.) Triple Semi Grousers with 2590 mm (8'6") wide Backfill Blade Recommended for rocky terrain, hard ground and stumps.	\$14,789.00
3250	700 mm (28 In.) Triple Semi-Grouser Shoes Without Backfill Blade. Recommended for general conditions and soft terrain.	\$698.00
3255	700 mm (28 In.) Triple Semi Grousers with 2690 mm (8'10") wide Backfill Blade Recommended for general conditions and soft terrain.	\$15,487.00
3260	600 mm (24 In.) Rubber Crawler Pads without Backfill Blade Rubber pads are laminated to track shoe. This option requires a long lead time, contact your dealer for availability of this option.	\$11,029.00
3265	600 mm (24 In.) Rubber Crawler with 2590 mm (8'6") wide Backfill Blade Rubber pads are laminated to track shoe. This option requires a long lead time, contact your dealer for availability of this option.	\$25,818.00

## OPERATOR'S STATION AND CONTROLS

Seat

Basic Factory Options - Required

4125	Seat, Standard Mechanical	No Added Cost
4130	Seat, Heated Air-Suspension	\$1,366.00
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

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>	

## 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	\$14,276.00
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Boom Cylinders

Field Installed Attachments - Optional

9010	Boom Cylinders with Plumbing to Main Frame	\$5,211.00
	Requires 6801, Less Boom, and Code 7001, Less Arm.	

## ARM

Arm

Basic Factory Options - Required

7001	Less Arm, Bucket Cylinder, Bucket Linkage and All Attaching Pins and Hoses	No Added Cost
	Hydraulic Filter Indicator Recommended. Requires code 8001, Less Buckets.	

7140	Arm with Bucket Cylinder and Linkage	\$9,162.00
	2.52 M (8 ft. 3 in.)	

7180	Arm with Bucket Cylinder and Linkage	\$10,519.00
	3.01 M (9 ft. 11 in.)	

## HYDRAULICS

## Auxiliary Hydraulics

Basic Factory Options - Required

7401	Less Auxiliary Hydraulics	No Added Cost
7420	Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller Includes Combination piping for 2.52 M Arm (8 ft. 2 in.)	\$7,129.00
7430	Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller Includes Combination piping for 3.01 M Arm	\$7,261.00
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 2.5m Arm	\$5,157.00
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 3.0m Arm	\$5,290.00
7491	Auxiliary High-Flow Lines with AFL and Auxiliary Relief Pressure Adjustment 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 2.5m Arm	\$10,526.00
7496	Auxiliary High-Flow Lines with AFL and Auxiliary Relief Pressure Adjustment 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 3.0m Arm	\$10,659.00

## BUCKETS

## Buckets

Basic Factory Options - Required

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

8001	Less Bucket Includes bucket mounting pins.	No Added Cost
8411	Heavy-Duty Bucket Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD). 24 In. (600 mm), 0.47 Yd3 (0.36 M3)	\$5,143.00
8421	Heavy-Duty Bucket Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD). 30 In. (750 mm), 0.64 Yd3 (0.49 M3)	\$5,567.00
8431	Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD). 36 In. (900 mm), 0.81 Yd3 (0.62 M3)	\$6,135.00
Hydraulic Thumb Kits		Field Installed Attachments - Optional
AT379640	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.	\$8,783.00
AT379642	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: 130 3.01M (9'11") 135 3.01M (9'11")  Not compatible with couplers	\$11,063.00
BYT10496	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.	\$8,783.00
BYT10497	Hydraulic Thumb Kit, Direct, Coupler 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) BYT11623.	\$8,783.00
AT339844	Deere/Hitachi Hydraulic Thumb Installation Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.	\$2,086.00



AT379643	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: 130 3.01M (9'11") 135 3.01M (9'11") Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11623.	\$9,083.00
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## Buckets, Heavy-Duty

Field Installed Attachments - Optional

BYT11151	42 In (1067 mm), 0.99 yd3 (0.76 M3) Heavy-Duty Bucket includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD).	\$4,453.00
BYT11149	30 In (762 mm), 0.64 yd3 (0.49 M3) Heavy-Duty Bucket Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).	\$3,906.00
BYT11150	36 In (914 mm), 0.81 yd3 (0.62 M3) Heavy-Duty Bucket Includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD).	\$4,262.00
BYT11148	24 In (610 mm), 0.47 yd3 (0.36 M3) Heavy-Duty Bucket Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).	\$3,728.00

## Buckets, Side Cutters

Field Installed Attachments - Optional

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

## MISCELLANEOUS

## Miscellaneous

Field Installed Attachments - Optional

## G.R.Mfg.

Field Installed Attachments - Optional

AT430873	Slant Top Rub Rails	\$1,745.00
AT430877	Counterweight, Bottom Mount, 1200 lbs. Parts are primed only (contact GR Mfg for paint color). Cannot be ordered for blade units. Counterweights are painted yellow.	\$5,254.00
ETN210311	Front Window Guard, Polycarbonate	\$3,598.00
	Hydraulics	Field Installed Attachments - Optional
AT461528	Proportional Auxiliary Hydraulic Control Kit Includes joysticks, wiring, and valves.	\$3,091.00
AT442872	Hydraulic Filter Restriction Indicator Kit For iT4 and FT4 only.	\$797.00
AT303957	Boom Cylinder Anti-Drift Valve with Plumbing and Hardware For customers who require reduced function drift during craning applications. Includes reduced drift valves for the head end of the boom cylinders. Installation instructions T203620. Average installation, 10 hours.	\$3,141.00
AT303665	Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder For customers who require reduced function drift during craning applications. Includes reduced drift valves for rod end of the arm cylinders. Boom anti-drift valves recommended. Installation Instructions T200270. Also order AT303666, hydraulic hose, for 120 and 135 size excavators. Also order AT304849, hydraulic hose, for 160 size excavators.	\$3,131.00
AT418546	Auxiliary High-Flow Lines for 3.01 M Arm for 130G	\$3,821.00
AT418450	Foot Control, Two-Way Hydraulics	\$2,029.00
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.	

Operator Environment

Field Installed Attachments - Optional

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

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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Hydraulic Couplers

Field Installed Attachments - Optional

AT449342	Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit	\$8,504.00
	Includes non-variable hydraulic quick coupler with hydraulic and electrical control components	

AT345608	Installation Charge for Hydraulic Quick Coupler	\$1,471.00
	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.	

BYT11623	Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only	\$8,083.00
	Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins. Controls components NOT included. Also purchase Controls Kit BYT11624 (130G/ZX130) or BYT11625 (135G/ZX135). Not compatible with hydraulic thumb BYT10496, BYT10497, AT379640, AT379642, or AT379643.	

BYT11624	Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only	\$1,613.00
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Controls kit ONLY. Includes hydraulic control components, electrical control components and components to manifold on end of arm.

Does not include hydraulic quick coupler - also purchase BYT11623.

May not be required if replacing existing hydraulic quick coupler.

Overall Vehicle

Field Installed Attachments - Optional

BYT11005	Vandal Covers	\$3,053.00
	After Serial # 42001	
	After Serial # 40100	

Guards

Field Installed Attachments - Optional

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

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.