



Current Date 03Jan2020

130G FT4 EXCAVATOR

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
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:

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
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, 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

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
2 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

- One Mounted on Frame
- One Mounted on Boom
- Debris Screening Side Panel
- Engine Oil Pressure Warning Indicator with Audible Alarm
- Easy Access Air Conditioning Filter

Required - *You must select one from each category*

▼ BASE MACHINE

F.O.B Kernersville, North Carolina for Complete Machine.
 See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
130G FT4 EXCAVATOR	05N1FF	\$163,274.00

▼ ENGINE

Description	Code	Price
Engine Stage IV Emissions	1095	\$10,992.00
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.		

▼ OPERATOR'S MANUAL AND DECALS

Non-English Operator's Manuals
 Translated Customer Delivery Packets can be ordered using the John Deere Technical Information Bookstore at <http://www.johndeereotechinfo.com> at no charge. The Translated Delivery Packets include the Operator Manual, Decal Kit, Warranty Information Booklet, and Uptime Maintenance Planner. Search for and order the Translated Delivery Packets by model and language that meets your customer requirements. A listing of all Translated Delivery Packets available can be found by selecting Translated Delivery Packets from the Manual Type dropdown list. Technical support is available by calling 1-866-213-3373.

Description	Code	Price
English Customer Delivery Packet	1600	No Added Cost

▼ MACHINE CONNECTIVITY

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.

Description	Code	Price
JDLink Ultimate - 5 Year Subscription	170C	No Added Cost

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all Ultimate Connectivity features Wireless Data Transfer (WDT) enabling automatic data transfer from TimberMatic and Waratah H16 Measuring Systems to TimberManager and MyJohnDeere, supporting TimberOffice 5 Software. Additionally, Ultimate now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications. JDLink utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLink hardware to restore functionality. Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to www.StellarSupport.com to renew or update JDLink subscriptions. Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.



TRACK SHOES

Description	Code	Price
600 mm (24 In.) Triple Semi-Grouser Shoes	3200	No Added Cost

Without Backfill Blade.
 Recommended for rocky terrain, hard ground and stumps.

600 mm (24 In.) Triple Semi Grousers with 2590 mm (8'6") wide Backfill Blade	3205	\$14,789.00
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Recommended for rocky terrain, hard ground and stumps.

700 mm (28 In.) Triple Semi-Grouser Shoes	3250	\$698.00
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Recommended for general conditions and soft terrain.
 Without Backfill Blade.

700 mm (28 In.) Triple Semi Grousers with 2690 mm (8'10") wide Backfill Blade	3255	\$15,487.00
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Recommended for general conditions and soft terrain.

600 mm (24 In.) Rubber Crawler Pads without Backfill Blade	3260	\$11,029.00
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Rubber pads are laminated to track shoe.
 This option requires a long lead time, contact your dealer for availability of this option.

600 mm (24 In.) Rubber Crawler with 2590 mm (8'6") wide Backfill Blade	3265	\$25,818.00
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Rubber pads are laminated to track shoe.
 This option requires a long lead time, contact your dealer for availability of this option.

SEAT		
Description	Code	Price
Seat, Standard Mechanical	4125	No Added Cost
Seat, Heated Air-Suspension	4130	\$976.00
Seat, Premium Leather - Thermal Heating and Active Cooling	4135	\$2,731.00
Active heating and cooling Air suspension High seat back 3-way adjustability High visability orange 3 inch seat belt		

BOOM		
Description	Code	Price
Less Boom	6801	No Added Cost
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		
One Piece Boom with Arm Cylinder and Plumbing	6835	\$14,276.00

ARM		
Description	Code	Price
Less Arm, Bucket Cylinder, Bucket Linkage and All Attaching Pins and Hoses	7001	No Added Cost
Hydraulic Filter Indicator Recommended. Requires code 8001, Less Buckets.		
Arm with Bucket Cylinder and Linkage	7140	\$9,162.00
2.52 M (8 ft. 3 in.)		
Arm with Bucket Cylinder and Linkage	7180	\$10,519.00
3.01 M (9 ft. 11 in.)		

AUXILIARY HYDRAULICS		
Description	Code	Price
Less Auxilliary Hydraulics	7401	No Added Cost
Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7420	\$7,129.00

Includes Combination piping for 2.52 M Arm (8 ft. 2 in.)		
Auxiliary High-Flow Hydraulic w/ 2-Way Foot Controller	7430	\$7,261.00
for 3.01 M Arm Includes Combination piping		
Auxiliary High-Flow Hydraulic Lines Only	7440	\$4,943.00
Includes Combination piping for 2.52 M Arm Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit.		
Auxiliary High-Flow Hydraulic Lines Only	7450	\$5,076.00
Requires a control circuit such as a foot controller or the standard right-hand control handle with (2) switches. Also order a solenoid kit. Includes Combination piping for 3.01 M Arm		
Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7490	\$8,169.00
for 2.52 M Arm Includes Combination piping		
Auxiliary High-Flow Hydraulic Lines w/ AFL (Pilot Lever Proportional Control)	7495	\$8,302.00
for 3.01 M Arm Includes Combination piping		

▼ BUCKETS

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

Description	Code	Price
Less Bucket	8001	No Added Cost
Includes bucket mounting pins.		
Heavy-Duty Bucket	8411	\$4,898.00
24 In. (600 mm), 0.47 Yd3 (0.36 M3) Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).		
Heavy-Duty Bucket	8421	\$5,302.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD). 30 In. (750 mm), 0.64 Yd3 (0.49 M3)		
Heavy-Duty Bucket	8431	\$5,843.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD). 36 In. (900 mm), 0.81 Yd3 (0.62 M3)		

Optional - *Select as desired*

▼ HEATER

Description	Code	Price
Engine Block Heater	9015	\$248.00

▼ FILTER

Description	Code	Price
Fuel Filter, Severe-Duty	9060	\$175.00

▼ ENGINE FAN

▼ EXHAUST

Description	Code	Price
Chrome Exhaust	9700	\$403.00

▼ SHIPPING PREPARATION

Description	Code	Price
Special Export Preparation-- Do not install front for shipping	9803	No Added Cost

For Export Containerization

▼ LIGHT PACKAGE

Description	Code	Price
Light Package	9150	\$2,258.00

- All exterior machine lights are LED
 - 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

▼ BOOM CYLINDERS

Description	Code	Price
Boom Cylinders with Plumbing to Main Frame	9010	\$5,211.00

Requires 6801, Less Boom, and Code 7001, Less Arm.

▼ ATTACHMENTS FOR FIELD CONVERSION

F.O.B. Dubuque, Iowa for dealer-installed kits, except where noted. Some of the following kits may require additional parts for a complete installation. Prior to ordering, check the installation instructions by going to www.johndeereotechinfo.com and clicking on Library, or by clicking on this Hyperlink ([Installation Bulletin Search](#)), and insert the AT number to retrieve the attachment installation instruction bulletin for additional parts. Exception to above note is FRONTIER Dealer Installed Kits.

All attachments are sold as a quantity of one.

Description	Code	Price
Buckets, Heavy-duty		
24 In (610 mm), 0.47 yd3 (0.36 M3) Heavy-Duty Bucket	BYT11148	\$3,515.00

Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).

30 In (762 mm), 0.64 yd3 (0.49 M3) Heavy-Duty Bucket	BYT11149	\$3,683.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK300FD).		
36 In (914 mm), 0.81 yd3 (0.62 M3) Heavy-Duty Bucket	BYT11150	\$4,019.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD).		
42 In (1067 mm), 0.99 yd3 (0.76 M3) Heavy-Duty Bucket	BYT11151	\$4,199.00
includes Five (5) John Deere TK-Series Fanggs Teeth (TK300FD).		
<u>Buckets, Side Cutters</u>		
Edge Protector Kit	AT342511	\$618.00
Side-Cutter Kit, 3 inch	AT342512	\$641.00
<u>Guards</u>		
Cab FOPS Guard	AT390802	\$3,073.00
FOPS Level II, ISO 10262 Certified		
<u>Hydraulic Couplers</u>		
Hydraulic Quick Coupler	AT449342	\$8,019.00
Installation Charge for Hydraulic Coupler	AT345608	\$1,387.00
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.		
<u>Hydraulic Thumb Kits</u>		
Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,967.00
Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.		
HYD THUMB KIT, DIRECT, Without COUPLER	BYT10496	\$8,282.00
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.		
HYD, THUMB KIT, DIRECT, COUPLER	BYT10497	\$8,282.00
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.		
Hydraulic Thumb Kit, Direct	AT379640	\$8,282.00

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.

Hydraulic Thumb Kit, Progressive	AT379642	\$10,432.00
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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")

Hydraulics

Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	AT303665	\$3,100.00
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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.

Auxiliary High-Flow Hydraulic Lines for 130G	AT418546	\$3,783.00
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Boom Cylinder Anti-Drift Valve with Plumbing and Hardware	AT303957	\$3,110.00
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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.

Control Handle for Auxiliary Hydraulics, Left-Hand	AT327652	\$525.00
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Requires control solenoid for either 1-way or 2-way auxiliary hydraulics.
 Recommended for use with auxiliary hydraulic lines.

Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch	AT446155	\$950.00
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Does not use the monitor for flow control.
 Does not require solenoids for auxiliary hydraulics.
 Includes foot switch, solenoid, wiring, and hoses.

Control Solenoids for 2-Way Auxiliary Hydraulics	AT445467	\$800.00
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Monitor can be used to control hydraulic flow.
 Can be used with either right-hand or left-hand control handle.

Foot Control, Two-Way Hydraulics	AT418450	\$2,009.00
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	AT442872	\$789.00
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Hydraulic Filter Restriction Indicator Kit

For iT4 and FT4 only.

Proportional Auxiliary Hydraulic Control Kit	AT461528	\$3,060.00
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Includes joysticks, wiring, and valves.

Operator Environment

Exterior Work Lights Package	AT396663	\$741.00
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Additional 2 Cab lights, with 1 Right hand Boom Light.

Full Length Front Guards	BYT11141	\$1,532.00
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Stereo adapter for phone or music device.	ETN93549	\$224.00
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Overall Vehicle

Vandal Covers	BYT11005	\$3,023.00
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After Serial # 40100
 After Serial # 42001



REFERRAL ATTACHMENTS

Description	Code	Price
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G.r.mfg.

G.R. Manufacturing, Inc. * Kits listed below must be ordered through John Deere. * F.O.B. Trussville, Alabama * All kits include installation instructions * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc. G.R. Manufacturing, Inc. 4800 Commerce Drive Trussville, Alabama 35173 Phone: (800)841-8001 Fax: (205)655-8005

Counterweight, Bottom Mount, 1200 lbs.	AT430877	\$3,162.00
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Parts are primed only (contact GR Mfg for paint color). Cannot be ordered for blade units.
 Counterweights are painted yellow.

Front Window Guard, Polycarbonate	ETN210311	\$2,570.00
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Slant Top Rub Rails	AT430873	\$1,678.00
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