

**JOHN DEERE**

Current Date 06Jan2021

**870G LC 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

Hydraulic Tank Site Gauge  
4,000 Hour Hydraulic Oil  
Change Interval

**UNDERCARRIAGE:**

Two Speed Propel  
Axial Piston Propel Motors  
Propel Motor Shields  
Planetary Final Drives  
Sealed Track Chain  
Front and Center Track  
Guides  
X-Frame Car Body  
Hydraulic Track Adjuster  
Spring Applied Hydraulic  
Released Propel Brake

**UPPER STRUCTURE:**

Right and Left Mirrors  
Toolbox  
Vandal Locks for:  
Cab Door  
Service Doors  
Fuel Cap  
Tool Box  
Work Lights:  
One Mounted on Frame  
Two Mounted on Boom  
Two Mounted on Cab  
Debris Screen in Side Panel  
Remote Mounted Engine Oil  
Filter

**FRONT ATTACHMENT:**

Centralized Lubrication  
System  
Boom Cylinders with  
Plumbing  
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

Deluxe Adjustable, Heated  
Cloth Seat with Air  
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  
DEF Gauge with Low DEF  
Indicator  
Work Mode Indicator  
Auto Idle Indicator

Auto Shut Down 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  
Boom Mode  
Numerous Attachment  
Modes  
Engine Oil Level Indicator  
Engine Coolant Level  
Indicator  
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  
Easy Access Air Conditioning  
Filter

**Required** - You must select one from each category
 **BASE MACHINE**

F.O.B. US/Canadian Port of Entry for Complete Machine.  
F.O.B. Kernersville, North Carolina for 470 boom and arm, or Port of Entry depending on configuration.  
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

<b>Description</b>	<b>Code</b>	<b>Price</b>
870G LC FT4 EXCAVATOR	04G1FF	\$1,012,221.00

 **ENGINE**

<b>Description</b>	<b>Code</b>	<b>Price</b>
Engine, Isuzu FT4	1095	\$30,387.00

Engine, Isuzu 6WG1 certified to FT4 / Stage IV emissions

For use only in areas where EPA Tier 4/EU Stage IV is required.

512 Horsepower Net Peak Power (ISO 9249)  
Turbocharger  
Charge Air Cooler  
Auto-Idle System  
Cool-on-Demand Hydraulic-Driven Fan  
Hydraulic Fan Reverser  
Antifreeze Protection to -34F (-37C)  
Enclosed Fan Guard  
Dual Element Dry-type Air Filter with Restriction Indicator  
Full Flow Oil Filter  
Fuel Filters with Water Separators  
Heavy Duty, Low Maintenance Batteries  
Glow Plug Start Aid  
50-Amp Alternator - 24 Volt  
500 Hour Engine Oil Change Interval

 **OPERATOR'S MANUAL AND DECALS**

<b>Description</b>	<b>Code</b>	<b>Price</b>
English Decals and Customer Delivery Packet	2530	No Added Cost

 **MACHINE CONNECTIVITY**

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.

<b>Description</b>	<b>Code</b>	<b>Price</b>
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](http://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](http://www.JohnDeere.com/Agreements). If these terms and conditions are not agreeable do not proceed and do not use the service.

## MAIN FRAME

Description	Code	Price
Mainframe and Counterweight	2625	No Added Cost
Standard Mainframe and Counterweight. Will not accept counterweight removal device.		
Modified Mainframe and Counterweight with Counterweight Removal Device	2650	\$23,323.00
Includes factory installed counterweight removal device.		

## 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	7180	\$76,125.00
3.7 M (12 Ft. 2 In.)		
Arm with Bucket Cylinder and Linkage	7265	\$80,928.00
4.4 M (14 Ft. 5 In.)		
Arm with Bucket Cylinder and Linkage	7270	\$88,296.00
5.4 M (17 Ft. 9 In.) Requires 670-size buckets.		
Mass Excavating (ME) Arm with Bucket Cylinder and Linkage	7275	\$85,098.00
2.95 M (9 Ft. 8 In.) Requires code 6850, Mass Excavating (ME) Boom.		

## TRACK SHOES

Description	Code	Price
	3200	(\$11,017.00)

**Track Shoes**

650 mm (26 In.) Double-Bar Semi-Grouser Shoes.  
Recommended for rocky terrain, hard ground and stumps.

Track Shoes	3300	(\$5,596.00)
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750 mm (30 In.) Double-Bar Semi-Grouser Shoes  
Recommended for general conditions.  
Long Lead Time.

Track Shoes	3350	No Added Cost
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900 mm (36 In.) Double-Bar Semi-Grouser Shoes.  
Recommended for general conditions and soft terrain.

Track Shoes	3400	\$9,477.00
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1020 mm (40 In.) Double-Bar Semi-Grouser Shoes  
Recommended for general conditions and soft terrain.  
Long Lead Time.

**BOOM**

Description	Code	Price
Less Boom	6801	No Added Cost

Less Arm Cylinder, and Plumbing on Boom.  
Includes Boom Cylinders, Plumbing to Boom, and Pin Connecting Boom to Mainframe.  
Requires "Less Arm".  
The "Hydraulic Filter Restriction Indicator" in DEALER-INSTALLED ATTACHMENTS is recommended.

7.1 M (23 Ft. 4 In.) One Piece Mass Excavating (ME) Boom with Arm Cylinder and Plumbing	6850	\$136,778.00
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Requires code 7275, Mass-Excavating (ME) Arm.  
Check availability, may require long lead time.

8.4 M (27 Ft. 7 In.) Standard One Piece Boom with Arm Cylinder and Plumbing	6855	\$114,671.00
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10 M (32 ft. 10 in.) One Piece Boom with Boom Cylinders, Arm Cylinders, and Plumbing	6870	\$135,576.00
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INCLUDES THE BOOM CYLINDERS, NOTE: ONLY WITH 7265 or 7270  
Includes remote grease bank.  
Includes unique lift chart for factory installed booms.  
Boom cylinders are unique to this boom.  
Long Lead Time.

**Optional - Select as desired****ATTACHMENTS FOR FIELD CONVERSION**

Description	Code	Price
<b><u>Buckets, Extreme-Duty, Plate Lip</u></b>		

48 In (1218 mm), 3.65 yd3 (2.79 M3) Extreme-Duty, Plate-Lip Bucket	AT339352	\$42,612.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 2.95 M Mass Excavating Arm Only.

48 In (1218 mm), 3.65 yd3 (2.79 M3) Extreme-Duty, Plate-Lip Bucket	AT339350	\$43,158.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD)  
For use on the 3.7 and 4.4 M Arms Only.

54 In (1372 mm), 4.27 yd3 (3.26 M3) Extreme-Duty, Plate-Lip Bucket	AT339356	\$46,505.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 2.95 M Mass Excavating Arm Only.

54 In (1372 mm), 4.27 yd3 (3.26 M3) Extreme-Duty, Plate-Lip Bucket	AT339354	\$47,051.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

60 In (1524 mm), 4.89 yd3 (3.74 M3) Extreme-Duty, Plate-Lip Bucket	AT339358	\$48,743.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

72 In (1829 mm), 6.17 yd3 (4.72 M3) Extreme-Duty, Plate-Lip Bucket	AT339363	\$53,810.00
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 2.95 M Mass Excavating Arm Only.

### **Buckets, Heavy-Duty**

36 In (914 mm), 1.87 yd3 (1.43 M3) Heavy-Duty Bucket	AT339324	\$22,547.00
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Includes Three (3) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 5.4 M Arm Only.

42 In (1067 mm), 2.32 yd3 (1.77 M3) Heavy-Duty Bucket	AT339326	\$24,999.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 5.4 M Arm Only.

48 In (1219 mm), 2.78 yd3 (2.13 M3) Heavy-Duty Bucket	AT339328	\$26,859.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 5.4 M Arm Only.

54 In (1372 mm), 3.24 yd3 (2.48 M3) Heavy-Duty Bucket	AT339330	\$28,820.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 5.4 M Arm Only.

60 In (1524 mm), 3.72 yd3 (2.84 M3) Heavy-Duty Bucket	AT339332	\$30,768.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 5.4 M Arm Only.

**Buckets, Heavy-Duty, High-Capacity**

36 In (914 mm), 2.48 yd3 (1.90 M3) Heavy-Duty, High-Capacity Bucket	AT339334	\$31,570.00
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Includes Three (3) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

42 In (1067 mm), 3.05 yd3 (2.33 M3) Heavy-Duty, High-Capacity Bucket	AT339336	\$34,182.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

48 In (1218 mm), 3.65 yd3 (2.79 M3) Heavy-Duty, High-Capacity Bucket	AT339338	\$36,171.00
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Includes Four (4) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

54 In (1372 mm), 4.27 yd3 (3.26 M3) Heavy-Duty, High-Capacity Bucket	AT339340	\$38,459.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD.)  
For use on the 3.7 and 4.4 M Arms Only.

60 In (1524 mm), 4.89 yd3 (3.74 M3) Heavy-Duty, High-Capacity Bucket	AT339342	\$40,644.00
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Includes Five (5) John Deere TK-Series Fanggs Teeth (TK700FD.)  
For use on the 3.7 and 4.4 M Arms Only.

72 In (1829 mm), 6.17 yd3 (4.72 M3) Heavy-Duty, High-Capacity Bucket	AT339344	\$43,962.00
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

80 In (2032 mm), 7.02 yd3 (5.37 M3) Heavy-Duty, High-Capacity Bucket	AT339346	\$46,209.00
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Includes Seven (7) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

90 In (2286 mm), 7.46 yd3 (5.70 M3) Heavy-Duty, High-Capacity Bucket	AT339348	\$47,799.00
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Includes Seven (7) John Deere TK-Series Fanggs Teeth (TK600FD).  
For use on the 2.9 M Mass Excavating Arm Only.

**Buckets, Side Cutters**

Side-Cutter Kit, 6 inch	AT342513	\$647.00
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**Buckets, Truck Loading**

84 In (2134 mm), 5.66 yd3 (4.33 M3) Truck-Loading Bucket	AT339368	\$35,590.00
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Includes Six (6) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

92 In (2337 mm), 6.28 yd3 (4.80 M3) Truck-Loading Bucket	AT339372	\$39,179.00
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Includes Eight (8) John Deere TK-Series Fanggs Teeth (TK700FD).  
For use on the 3.7 and 4.4 M Arms Only.

### **G.R.Mfg.**

Front Window Guard, Polycarbonate	ETN90043	\$2,876.00
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### **Guards**

Cab FOPS Guard	AT419609	\$4,457.00
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FOPS Level II, ISO 10262 Certified

### **Hydraulics**

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

Single Pedal Propel Kit	AT390776	\$2,143.00
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### **Operator Environment**

Full Length Front Guards	BYT11141	\$1,547.00
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After Serial # 050212

Mechanical Pattern Changer	AT461092	\$1,368.00
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### **Overall Vehicle**

Vandal Cover Kit	AT390721	\$3,053.00
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Vandal Covers	BYT11005	\$3,053.00
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After Serial # 050212