

**JOHN DEERE**

Current Date 06Jan2021

245G LC FT4 EXCAVATOR**ENGINE:**

Isuzu 4HK1, EPA FT4 / EU
Stage IV emissions
Net Peak Power (ISO9249)
159 hp (119 kW)
Turbocharger
Electronic Engine Control
Unit
Auto-Idle System
Antifreeze Protection to -34
degrees F (-37 degrees C)
Enclosed Fan Guard
Fuel Cooler
Dual Element Dry-type Air
Filter with Restriction
Indicator
Full Flow Oil Filter
Double Fuel Filter
Water Separator
Side by Side by Side
Radiator, Oil Cooler,
Intercooler with Dust Net
Glow Plug Start Aid
50-Amp Alternator - 24 Volt
500 Hour Engine Oil Change
Interval
Isolation Mounted
HYDRAULICS:
Open Center, Load Sensing
with Variable Displacement
Pumps
Auxilliary Hydraulic Lines
with AFL Proportional Control
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

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 and Left Mirrors
Toolbox
Vandal Locks for:
Cab Door
Service Doors
Fuel Cap
Counterweight, 16,050 lbs.
(7,280 kg)
Work Lights:
One Mounted on Frame
One Mounted on Boom
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

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
Diesel Exhaust Fluid Guage
Fuel Gauge with Low Fuel
Indicator
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
Cup Holder
Interior Light

Bid Term: 2/22/19 - 2/21/21; Extended to 2/21/22

Change Interval	Deluxe Adjustable Heated	Coat Hook
UNDERCARRIAGE:	Cloth Seat with Air	Floor Mat
Two Speed Propel with Auto-Shift	Suspension, Reclining Backrest, Headrest, and Adjustable Lumbar Support	Motion Alarm with Cancel Switch
Axial Piston Propel Motors	Multifunction, Color LCD Monitor System with: Diagnostic Capability	Transparent Tinted Roof Hatch with Sunshade
Propel Motor Shields	Systems Monitoring Capability	Four Fluid-Filled Elastic Mounts
Planetary Final Drives		Easy Access Air Conditioning Filter
Sealed Track Chain		
Front and Center Track Guides		

Required - You must select one from each category

▼ **BASE MACHINE**

F.O.B. US/Canadian Port of Entry except where noted.
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
245G LC FT4 EXCAVATOR	05S1FF	\$265,839.00

▼ **TRACK SHOES**

Description	Code	Price
Long Undercarriage with 700 mm (28 In.) Triple Semi-Grouser Shoes	3325	(\$927.00)
Recommended for general conditions and soft terrain.		

Long Undercarriage with 800 mm (32 In.) Triple Semi-Grouser Shoes	3350	No Added Cost
Recommended for extremely soft terrain.		

▼ **ARM**

Description	Code	Price
Arm with Bucket Cylinder and Linkage	7160	\$13,927.00
2.91 M (9 ft. 7 in.)		

▼ **MACHINE CONNECTIVITY**

Machine connectivity functions require cellular coverage. Usage of JDLink 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.

Description	Code	Price
SEAT Seat, Heated Air-Suspension	4130	No Added Cost

Description	Code	Price
BOOM One Piece Boom with Arm Cylinder and Plumbing	6835	\$24,363.00

Optional - Select as desired

ATTACHMENTS FOR FIELD CONVERSION		
Description	Code	Price
<u>Buckets, Heavy-Duty</u>		
24 In (610 mm), 0.51 yd3 (0.39 M3) Heavy-Duty Bucket	BYT11157	\$4,987.00
Includes Three (3) John Deere TK-Series Fanggs Teeth (TK350FD).		
30 In (762 mm), 0.71 yd3 (0.54 M3) Heavy-Duty Bucket	BYT11158	\$5,348.00
Includes Four (4) John Deere TK-Series Fanggs Teeth (TK350FD)		
36 In (914 mm), 0.91 yd3 (0.69 M3) Heavy-Duty Bucket	BYT11159	\$5,833.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD)		
42 In (1067 mm), 1.11 yd3 (0.85 M3) Heavy-Duty Bucket	BYT11160	\$6,228.00
Includes Five (5) John Deere TK-Series Fanggs Teeth (TK350FD).		
48 In (1219 mm), 1.31 yd3 (1.00 M3) Heavy-Duty Bucket	BYT11161	\$6,740.00
Includes Six (6) John Deere TK-Series Fanggs Teeth (TK350FD)		
<u>Buckets, Side Cutters</u>		
Edge Protector Kit	AT342511	\$624.00
Side-Cutter Kit, 3 inch	AT342512	\$647.00

Side-Cutter Kit, 6 inch	AT342513	\$647.00
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Hydraulic Couplers

Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit	AT452018	\$8,753.00
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Includes non-variable hydraulic quick coupler with hydraulic and electrical control components

Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only	BYT11628	\$10,165.00
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Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins.
Controls components NOT included. Also purchase Controls Kit BYT11629.
Not compatible with hydraulic thumb AT379648, AT379649, AT379650, or AT379651.

Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only	BYT11629	\$1,536.00
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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 BYT11628.
May not be required if replacing existing hydraulic quick coupler.

Installation Charge for Hydraulic Quick Coupler	AT345608	\$1,401.00
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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.

Hydraulic Thumb Kits

Deere/Hitachi Hydraulic Thumb Installation	AT339844	\$1,987.00
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Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.

Hydraulic Thumb Kit, Direct	AT379648	\$9,435.00
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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.
Not compatible with couplers.

Hydraulic Thumb Kit, Direct for Couplers	AT379649	\$9,435.00
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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.
Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11628.

Hydraulic Thumb Kit, Progressive	AT379650	\$11,233.00
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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:

180 3.2M (10'6")

200 3.2M (10'6")

210 2.91M (9'7")

245 2.91M (9'7")

Not compatible with couplers.

Hydraulic Thumb Kit, Progressive for Couplers	AT379651	\$11,233.00
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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:

180 3.2M (10'6")

200 3.2M (10'6")

210 2.91M (9'7")

245 2.91M (9'7")

Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11628.

Hydraulics

Auxiliary Hydraulics, Attachment Combination Kit	AT343990	\$595.00
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For use on 220 Mono-Boom Wheeled Excavators.

Requires Auxiliary High-Flow Hydraulic Lines.

Allows for a combination of attachments (i.e. hammer and thumb) to be connected to the high-flow lines, ready for operation.

Kit includes parts to replace the arm tube of the high-flow hydraulic lines with a short tube and uses the existing stop valves to shut-off thumb operation when not in use.

Control Solenoid for 1-way Auxiliary Hydraulics with Foot Switch	AT354488	\$960.00
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Does not use the monitor for flow control.

Does not require solenoids for auxiliary hydraulics.

Includes foot switch, solenoid, relays, wiring, and hoses.

Mechanical Control Pattern Selector Kit	AT422581	\$1,017.00
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Provides ability to switch control pattern between ISO/SAE Excavator and Deere Backhoe control pattern.

Some excavators require additional parts.

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

2-Pump Combined Flow	AT463997	\$1,246.00
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Exterior Work Lights Package	AT396663	\$748.00
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Additional 2 Cab lights, with 1 Right hand Boom Light.

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