

345G LC FT4 Excavator

01-Mar-2022



JOHN DEERE

Code	Description	QTY	List Price (USD)
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03W0FF	345G LC FT4 Excavator	1	\$377,400.00
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ENGINE:

Isuzu 6HK1XASA02, EPA FT4 / EU Stage IV emissions
 Net Peak Power (ISO9249) 249 hp (186 kW)
 Turbocharged, air-to-air charge air cooler
 Electronic Engine Control Unit
 Auto-Idle System
 Full forced pressure feed type
 High-pressure common rail, ULSD required, B20 approved; Mounted Fuel Cooler
 Double filter with water separator, remote mounted
 Full flow spin-on filter, remote mounted
 Dual Element Dry-type Air Filter with Restriction Indicator
 Glow Plug Start Aid
 Antifreeze Protection to -34 degrees F (-37 degrees C)
 Side by Side by Side Radiator, Oil Cooler, Intercooler with Dust Net
 Enclosed Fan Guard
 500 Hour Engine Oil Change Interval, Isolation Mounted Filter

HYDRAULICS:

Open Center, Load Sensing with Three Variable Displacement Pumps
 Optional Auxilliary Hydraulic Lines with AFL Proportional Control
 Hydraulic Pilot Controls
 Axial Piston Swing Motor
 Swing Brake Multiple Wet Disk, Spring Applied, Hydraulically Released
 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
 Three variable-displacement axial-piston pumps
 Heat treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings) pivot pins
 Inline DEF Filter

ELECTRICAL:

50-Amp Alternator - 24 Volt
 Worklights: 5 Halogen, 1 Mounted on frame, 2 mounted on Boom, 2 mounted on top of cab

UNDERCARRIAGE:

Two Speed Propel with Auto-Shift
 Axial Piston Propel Motors
 Propel Motor Shields
 Planetary Final Drives
 Sealed Track Chain
 Track Guides x3 (per side)
 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, 19,136 lbs. (8,680 kg)

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 Bucket

OPERATOR'S STATION:

JDLink Ultimate Machine Monitoring System w/ 5-year Message Service (Available in United States and Canada only)
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 Heated Cloth Seat with Air Suspension, Reclining Backrest, Headrest, and Adjustable Lumbar Support
Machine Information Center (MIC)
Auto-Climate Control/Air Conditioner, Heater with Pressurizer
AM-FM Radio
Rear View Camera
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
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
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
Diesel Exhaust Fluid Gauge
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

03W0FF 345G LC FT4 Excavator 1 \$377,400.00

ENGINE

Engine Basic Factory Options - Required

1095 Engine Stage IV Emissions \$31,680.00

Isuzu 6HK1 7.8L
 264 Net Rated hp (ISO 9249)
 Turbocharger
 Charge Air Cooler
 Electronic Engine Control Unit
 Auto-Idle System
 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
 Curved Exhaust
 Automatic Belt Tension Device
 Glow Plug Start Aid
 Heavy Duty, Low Maintenance Batteries
 50-Amp Alternator - 24 Volt
 500 Hour Engine Oil Change Interval
 70% (35 degrees) Off Level Capability
 Engine Oil Sampling Valve

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

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

3350 Triple Semi-Grouser Shoes No Added Cost

Track Frame Basic Factory Options - Required

7500 1913 TRACK FRAME BOTTOM COVER SEAT SCREWS No Added Cost

OPERATOR'S STATION AND CONTROLS

Seat Basic Factory Options - Required

4130 Seat, Heated Air-Suspension \$976.00

BOOM

Boom Basic Factory Options - Required

6835 One Piece Boom with Arm Cylinder and Plumbing \$29,064.00

Grade Ready/Grade Guidance Basic Factory Options - Required

7901 Less Grade Reference Ready Mounts No Added Cost

ARM

Arm Basic Factory Options - Required

7160	Arm with Bucket Cylinder and Linkage 3.1 M (10 ft. 2 in.)	No Added Cost
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7180	Arm with Bucket Cylinder and Linkage 3.76 M(12 Ft. 2 in.)	\$4,522.00
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HYDRAULICS

Auxiliary Hydraulics

Basic Factory Options - Required

7490	Auxiliary High-Flow Hydraulic Lines w/ AFL (Electronic Proportional Control, Pilot Level Mounted) for 3.1 M Arm (10 ft.. 2 in.)	\$10,800.00
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7495	Auxiliary High-Flow Hydraulic Lines w/ AFL (Electronic Proportional Control, Pilot Level Mounted) for 3.75 M Arm	\$11,030.00
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BUCKETS

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
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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
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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
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AT339844	Deere/Hitachi Hydraulic Thumb Installation Labor for installation of Deere/Hitachi thumb at Paladin Customworks Kernersville, NC.	\$2,086.00
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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
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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
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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
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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
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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
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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

Operator Environment

Field Installed Attachments - Optional

BYT11013	Mechanical Control Pattern Changer Kit	\$1,133.00
BYT11141	Full Length Front Guards After Serial # 020001	\$1,547.00
Hydraulic Couplers		Field Installed Attachments - Optional
AT452019	Hydraulic Quick Coupler (Non-Variable type) - Coupler and Controls Kit Includes non-variable hydraulic quick coupler with hydraulic and electrical control components	\$10,026.00
AT345608	Installation Charge for Hydraulic Quick Coupler 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.	\$1,471.00
AT389949	Hydraulic Thumb Kit, Direct 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. Not compatible with Hydraulic Quick Coupler (Variable-type Pin-Grabber) BYT11631.	\$10,493.00
BYT11631	Hydraulic Quick Coupler (Variable-type Pin-Grabber) - Coupler Only Coupler kit ONLY. Includes coupler, jumper hoses, and one set of dead pins. Controls components NOT included. Also purchase Controls Kit BYT11632 (250G/ZX) or BYT11633 (300G/ZX; 345G/ZX). Not compatible with hydraulic thumb AT379652, AT379653, AT379654, or AT379655 (250G/ZX). Not compatible with hydraulic thumb AT389951, AT389948, AT379658, or AT379659 (300G/ZX; 345G/ZX).	\$13,112.00
BYT11633	Hydraulic Quick Coupler Controls Kit, (Variable-type Pin-Grabber) - Controls Kit Only 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 BYT11631. May not be required if replacing existing hydraulic quick coupler.	\$1,613.00
Hydraulics		Field Installed Attachments - Optional
AT445803	Hydraulic Filter Restriction Indicator Kit	\$797.00
AT327659	Anti-Drift Valve with Plumbing and Hardware, Arm Cylinder	\$3,131.00

AT343990	Auxiliary Hydraulics, Attachment Combination Kit 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.	\$595.00
AT327652	Control Handle for Auxiliary Hydraulics, Left-Hand Requires control solenoid for either 1-way or 2-way auxiliary hydraulics. Recommended for use with auxiliary hydraulic lines.	\$530.00
BYT11143	Hydraulic Pump, 2122 2 Pump Combined Flow	\$1,166.00
Guards		Field Installed Attachments - Optional
AT390802	Cab FOPS Guard FOPS Level II, ISO 10262 Certified	\$3,259.00

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.