

John Deere -11-22-22
644 G WHEEL LOADER

22-Nov-2022



Code	Description	QTY	List Price (USD)
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3000BZ	644 G WHEEL LOADER	1	\$332,855.00
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644 G-tier Standard Equipment

POWER TRAIN:

Torque Converter Powershift Transmission, 4 Speeds
 Forward, 3 Speeds Reverse
 Electronically Controlled Fully Automated Shift System
 Quick Shift Button on Loader Control Lever
 Automatic / Manual Shift Modes
 Clutch-Cutoff with 3 Slope Settings
 Clutch Calibration Engaged from Monitor
 Conventional Front and Rear Differentials with Inboard
 Mounted Heavy Duty Planetary Gears
 Front and Rear Wet Disk Brakes with Brake Retractors
 Electrically Actuated Automatic Spring Applied,
 Hydraulically Released, Wet Multi-Disc Park Brake
 Transmission Fill Tube and Sight Gauge
 2000 Hour Transmission Filter

COOLING:

Cooling System Isolated from Engine Compartment
 Engine Radiator
 Integral Engine Oil Cooler
 Hydraulic Oil Cooler (Oil to Air)
 Transmission Oil Cooler (Oil to Air)
 Charge Air Cooler (Air to Air)
 Coolant Recovery Tank
 Cool Guard II 60/40, -62F (-52 C)
 Cool-on Demand Fan
 Enclosed Fan Safety Guard

HYDRAULICS:

Pressure Compensating Load Sensing Hydraulic System
 2 Function Hydraulic Joystick with FNR Control
 Automatic Return to Dig
 In Cab Adjustable Automatic Boom Height Kickout / Return
 to Carry
 Hydraulic Function Enable / Disable
 Hydraulic Reservoir with Sight Gauge and Fill Strainer
 4000 Hour In-Tank Filter

ELECTRICAL:

24 Volt Electrical System
 Solid State Electrical Power Distribution System
 (2) Heavy Duty Batteries - Each 950 Cold Cranking Amps/165
 Minute Reserve Capacity
 Lockable Master Electrical Disconnect Switch
 Battery Terminal Safety Covers
 Pre-wired for Beacon/Strobe Light
Lights:
 (2) Halogen Driving Lights
 (2) Halogen Front and (2) Rear Cab Work Lights
 Front Halogen/Rear LED Turn Signals and Flashers
 LED Stop and Tail Lights
 Horn, Electric
 Reverse Warning Alarm

Voltage Converter for 24V to 12V / 15 Amps
Multi-Function / Multi-Language LCD Color Monitor
includes:
DIGITAL INSTRUMENTS
ANALOG Display:
Engine Coolant Temperature
Transmission Oil Temperature
Fuel Level
DEF Level
DIGITAL Display:
Engine RPM
Transmission Gear / Direction Indicator
Hour Meter
Speedometer
Outside Temperature
Indicator Lights for Standard and Selected Options
Indicator Lights For Amber Caution and Red Stop Operator
Warning Messages
BUILT-IN DIAGNOSTICS:
Diagnostic Code Details
Sensor Values
Calibrations
MENU DISPLAY:
Diagnostics
Machine Setup
Display Settings

OPERATOR'S STATION:
ROPS/FOPS Level 2 Cab with Heater and Air Conditioning
Front and Rear Windshield Wipers and Washers
(1) Inside and (2) Outside Rear View Mirrors
Right Side Opening Window
Keyless Start with Multiple Security Modes
Sealed Switch Module with Function Indicators
Seat with Back Rest Extension, Deep Foam, Fabric Cover,
Adjustable Air Suspension for Weight/Height with Fore-Aft
Adjustment and Adjustable Arm Rests
Hydraulic Controls Integrated to Right Side Console
Cup Holder
Dome and Reading Light
12 Volt Power Port
Radio Ready
Rubber Floor Mat
Tilt Steering Column
Textured Steering Wheel with Spinner Knob
Operator's Manual Storage Compartment
Left Side Operator Station Access
Slip-Resistant Steps and Ergonomically Located Handholds

Overall Vehicle:
Standard Z-Bar Linkage
Front and Rear Tie Downs
Front Fenders
Rear Hitch with Locking Pin
Articulation Locking Bar
Boom Locking Bar
40 Degree Steering Articulation to Each Side with Rubber
Cushion Stops on Frame

Vandal Protection With Lockable Engine Enclosures, Left and Right Counterweight Compartments
 Left Side Service Steps and Handholds
 Fuel Tank Fill Strainer
 Ground Level Fueling and DEF

3000BZ 644 G WHEEL LOADER 1 \$332,855.00

DESTINATION AND LANGUAGE

Destination Code Basic Factory Options - Required

0202 United States \$152.00
 Includes:
 Sun Visor

Operator's Manual and Language Basic Factory Options - Required

0259 English No Added Cost
 English language for operator's manual and electronic content

0287 Spanish No Added Cost
 Spanish language for operator's manual and electronic content

Labels Basic Factory Options - Required

0351 Translated Text Labels No Added Cost
 Vehicle labels translated to selected language

0352 No Text Labels No Added Cost
 Vehicle labels will be no text

MACHINE CONFIGURATION

Machine Configuration Basic Factory Options - Required

0400 Standard Loader No Added Cost

PACKAGES

Trim Packages

Basic Factory Options - Required

0601 Level 1 Trim No Added Cost
Includes:
- Mechanical Suspension Seat with 3" Seat Belt
- Radio Ready (Cover, no Radio included)
- Standard Rear Work Lights (2 Cab Mounted Halogen Lights)
- No Ride Control

0602 Level 2 Trim \$6,623.00
Includes:
- Air Ride Seat
- 3" Orange Seat Belt
- AM/FM Radio
- Supplemental Rear Work Lights (Level 1 Trim Lighting plus 2 additional rear grill mounted halogen work lights)
- Ride Control

Performance Packages

Basic Factory Options - Required

0651 Level 1 Performance No Added Cost
This Package is recommended for machines that will be used on stable ground conditions or hard surfaces.
Package includes:
- Open Front Differential (No Diff Lock)
- Open Rear Differential (No Diff Lock)

0652 Level 2 Performance \$2,835.00
This Package is recommended for machines that will be used on soft or unstable ground conditions where additional traction may be needed.
Package includes:
- Locking Front Differential (Manual Hydraulically Locking Differential)
- Open Rear Differential (No Diff Lock)

COLD WEATHER PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8500 Cold Weather Package \$496.00
This Package is recommended for machines that will spend extended periods of time working in colder environments
Package includes:
- Block Heater
- Hydrau XR Hydraulic Oil (provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F))

DEBRIS PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8501 Debris Package \$1,412.00
 This Package is recommended for machines working in dusty or high debris applications.
 Package includes:
 - Automatic Reversing Hydraulic Fan
 - Engine Air Intake System with Centrifugal Precleaner

AUXILIARY EQUIPMENT PACKAGES - ORDER AS DESIRED Field Installed Attachments - Optional

8503 Auxiliary Equipment Package \$442.00
 Package includes:
 - Beacon Light
 - Fire Extinguisher Bracket
 - License Plate Bracket

OPERATOR'S STATION

VISION SYSTEMS Basic Factory Options - Required

0951 Rear Camera No Added Cost
 Rear camera with display integrated into monitor

Operator's Station-Order As Desired Field Installed Attachments - Optional

8210 Secondary Steering \$1,828.00
 Secondary Steering is NOT Joystick Steering Control. Secondary steering is used in the event of a failure of the normal steering power source(s), or if engine shuts down while the machine is in motion and allows temporary steering of the machine by using an electric motor powered steering pump or a ground driven steering pump (depending on loader model) to provide temporary hydraulic pressure and flow to the steering cylinders.

PRECISION TECHNOLOGY SOLUTIONS

Machine Connectivity Basic Factory Options - Required

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.

ENGINE

Engine

Basic Factory Options - Required

4021	John Deere PowerTech Engine John Deere PowerTech PSS 6.8L meets EPA FT4 and EU Stage V Emissions	No Added Cost
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Fuel Filtration

Basic Factory Options - Required

4251	Standard Fuel Filter with Water Separator	No Added Cost
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HYDRAULICS/CONTROLS

Hydraulic Systems

Basic Factory Options - Required

7053	Two Function Hydraulics with Joystick Controls Provides a single lever (joystick) control for the boom and the bucket. Includes FNR switch integrated into the joystick control lever.	No Added Cost
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7054	Three Function Hydraulics with Joystick Controls Provides a single lever (joystick) control for the boom and the bucket. Includes FNR switch integrated into the joystick control lever. Includes boom lines and an additional single axis lever control for one auxiliary function control.	\$2,343.00
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WHEELS/TIRES/TRACKS

Wheels and Tires

Basic Factory Options - Required

23.5 BIAS PLY

5165	LINGLONG - 23.5-25 L3 16PR BIAS TIRES w/ 3 PC RIMS	(\$2,100.00)
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23.5 RADIAL

5177 MAXAM - 23.5R25 L3 2-STAR RADIAL TIRES w/ 3 PC RIMS No Added Cost

5166 TIANLI - 23.5R25 L3 2-STAR RADIAL TIRES w/ 3 PC RIMS (\$1,103.00)

OTHER/SPECIALTY

5176 MAXAM SNOW - 23.5R25 L2 2-STAR RADIAL TIRES w/ 3 PC RIMS \$735.00

IMPLEMENTS/ATTACHMENTS

Hydraulic Couplers or Attachment Mounting Basic Factory Options - Required

7408 Factory Pin-on Bucket Ready No Added Cost
 For use when ordering factory installed pin-on buckets.

7404 Hydraulic Coupler - Hi-Vis/ISO Pattern \$7,968.00

7407 Field Bucket Ready: Pins Only No Added Cost
 For use with Field Installed Pin On Buckets
 The pins shipped with the machine are compatible with Deere designed field installed pin-on buckets. Any other Buckets, Couplers, or Attachments must be reviewed prior to use.

7405 Field Coupler Ready: Pin Disconnect Plumbing \$919.00
 For use with field installed Attachment couplers
 Includes hydraulic lines from control valve to loader boom cross tube, electric switch, and solenoid valve.
 Pins NOT included – dealer will need to work with aftermarket supplier of coupler to procure proper size pins.

Buckets Basic Factory Options - Required

Bucket options are orderable with either a coupler or a pin-on configuration, unless otherwise noted.

7895 4.00 YD (3.10 CM) General Purpose \$7,718.00
 Bucket includes straight side cutters and weld on skid shoes.

7835 4.25 YD (CM) General Purpose \$8,243.00
 Bucket includes straight side cutters and weld on skid shoes.

7800 Less Bucket No Added Cost

Cutting Edges/Segments/Teeth Basic Factory Options - Required

7458 Bolt On Cutting Edge \$2,537.00

7464 Teeth With Segments \$3,398.00

7465 Less Cutting Edge, Segments, and Teeth No Added Cost

MISCELLANEOUS

Couplers Field Installed Attachments - Optional

AT354840 Hi-Vis Z-Bar Hydraulic Attachment Coupler \$7,098.00
 Cable Reinforced Coupler Plumbing Kit (AT347176) is also required for installation of the Hi-Vis Z-Bar Hydraulic Attachment Coupler.

Forks Field Installed Attachments - Optional

BYT10667 76 in. (1.93 m) Hi-Vis Coupler Fork Frame, Floating Tine w/ (2) 72 in. (1.83 m) Tines \$12,031.00
 Compatible with Hi-Vis/ISO pattern hook-on coupler

BYT10666	76 in. (1.93 m) Hi-Vis Coupler Fork Frame, Floating Tine w/ (2) 60 in. (1.52 m) Tines Compatible with Hi-Vis/ISO pattern hook-on coupler	\$10,227.00
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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.