Educational Services Commission of New Jersey NJ State Approved Co-op #65MCESCCPS

944 X Wheel Loader

22-Nov-2022

Code Description QTY List Price (USD)

6140DW

944 X Wheel Loader

944 X-Tier Standard Equipment

POWERTRAIN:

Hybrid Electric Drivetrain 2 Brushless, A/C Generators Solid State Power Electronics 4 Brushless, A/C Wheel Motors

Electronically Controlled, Fully Automatic, Shift System

Programmable Maximum, High Speed Range

Quick Shift Button in Bucket Tilt Lever

Heavy Duty Planetaries

Heavy Duty, Self-Adjusting, Power, Wet-Disc Service Brakes

1

Grounds Equipment - Bid #ESCNJ 18/19-25

JOHN DEERE

\$1,337,321.00

Electronically Actuated, Automatic Spring Applied,

Hydraulically

Released, Wet Multi-Disc Park Brakes for Each Wheel

Generator/Pump Drive Fill Tube and Dip Stick

Traction Control System

COOLING:

Quad-Cool System:

Heavy Duty, Trash Resistant and High Ambient Cooling

Package

2-Side access to all Coolers

Cooling System isolated from Engine Compartment

Engine Radiator

Integral Engine Oil Cooler

Charge Air Cooler (Air to Air)

Hydraulic Oil Cooler (Oil to Air)

Generator and Drive Gearbox Cooler (Oil to Air)

Power Electronics Cooler (Anti-Freeze to Air)

Wheel Motor and Final Drive Oil Coolers (Oil to Air)

Coolant Recovery Tank

Antifreeze, -34F (-37 C)

Cool-on Demand, Swing-out, Hydraulically Driven Fan

Enclosed Fan Safety Guard

HYDRAULICS:

Load Sensing Hydraulic System

2 Function -- 2-Lever Fingertip Electro-Hydraulic Control

In Cab Adjustable Settings:

Boom Height Kickout

Automatic Return To Carry

Automatic Return to Dig

Hydraulic Function Enable/ Disable

Hydraulic Reservoir with Sight Gauge and Fill Strainer

Hydraulic Diagnostic Ports

4000 Hour In-Tank Filters

ELECTRICAL:

24 Volt Electrical System

Solid State Electrical Power Distribution System

150 Amp Alternator

(2) Heavy Duty Batteries - each 1400 Cold Cranking

amps/440 minute Reserve Capacity

Battery Terminal Safety Covers

By-Pass Start Safety Cover at Starter

Master Electrical Disconnect Switch

Starting Switch with Electric Fuel Shut Off

Pre-wired for Beacon/Strobe Light

Lights:

(1) Engine Compartment Light

(2) Halogen Driving Lights with Guards

(4) Front, (2) Rear Cab and 2-Rear Grille mounted Work

Lights

LED Turn Signals and Flashers

LED Stop and Tail Lights

Stairway lighting with ground level and in-cab switches

Programmable Courtesy Lights

Horn, Electric

Reverse Warning Alarm

Voltage Converter for 24V to 12V / 8 Amps

Multi-Function / Multi-Language LCD Color Monitor

includes:

DIGITAL INSTRUMENTS

ANALOG Display:

Hydraulic Oil Temperature

Engine Coolant Temperature

Electric Motor/Final Drive Oil Temperature

Engine Oil Pressure

DIGITAL Display:

Engine RPM

Speed Range / Direction Indicator

Hour Meter

Fuel Level

Speedometer

Odometer

Outside Temperature

Fuel Consumption Rate

Integrated Cycle Counter with 5 Categories

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

Individual Circuit Tester

MENU DISPLAY:

Codes

Machine Settings

Diagnostics

Monitor Settings

OPERATOR'S STATION:

Isolation Mounted ROPS/FOPS Quiet Cab with:

Air Condition, Heater, Defroster and Pressurizer

Keyless Start with Multiple Security Modes

Sealed Switch Module with Function Indicators

Deluxe Heated Seat with Leather/Fabric, High-Wide Back

with Head Rest

Extension, Adjustable Air Suspension for Weight/Height

with Fore-Aft

Adjustment and Adjustable Arm Rests

Hydraulic Controls Integrated to Seat

Backlit Sealed Switch Module with Function Indicators

Rear Camera

Joystick Steering w/ Speed Range Shift, Horn and FNR

3-Inch, High-Visibility, Blaze Orange Seat Belt with Retractor

(1) Cup Holder

Lunch box (Cooler) Holder

Dome and Reading Light

(2) 12 Volt Power Ports

Sun Visor

Radio Ready

Rubber Floor Mat

Operator's Manual Storage Compartment

(2) Outside Mirrors and (1) Inside Rear View Mirror

Front and Rear Intermittent Windshield Wiper and Washers

Left and Right Side Cab Access

Slip-Resistant Steps and Ergonomically Located Handholds

(4) Certified Tie Off Points on Cab Roof

OVERALL VEHICLE:

Level 1 and Level 2 Sound Package

Bushed Pin Joints (including Static Joints on Bucket and

Steering

Cylinder)

Bushed Steering Cylinder Pin Joints on Loader Frame

NeverGrease Rear Axle Oscillation

Cab Left and Right Handrails, Steps and Platforms

Cast Bumper with Rear Hitch and Locking Pin

Front, Mid and Rear Tie Downs

Front Fenders

Articulation Locking Bar

40 Degree Steering Articulation to Each Side with Rubber Cushion Stops and Hydraulic Relief Valves on Frame

Vandal Protection With Lockable Engine Enclosures, Right

Counterweight

Compartment, Battery Box, Filler Access for Right and Left

Radiators/Fuel/Hydraulic/Transmission

Fluid Sampling Ports for Engine, Generator Drive, Hydraulic,

Motor/Final Drive Oils and Engine Coolant

Environmental Drains for Engine, Generator Drive Gear Box,

Hydraulic

Oils and Engine Coolant

Fuel Tank Fill Strainer

Ground Level Fueling

Ground Level Lubrication

Right-side, Ground-Level Service Center

Left and Right Engine Frame Steps and Handholds

Storage Compartment

Front Frame Bottom Guards

Heavy Duty Fuel Tank Guard

6140DW 1 944 X Wheel I oader \$1,337,321.00

DESTINATION AND LANGUAGE

	Destination Code	Basic Factory Options - Required
0202	United States	No Added Cost
	Operator's Manual and Language	Basic Factory Options - Required
0259	English English language for operator's manual and electronic content	No Added Cost
0287	Spanish Spanish language for operator's manual and electronic content	No Added Cost
	Labels	Basic Factory Options - Required
0351	Translated Text Labels Vehicle labels translated to selected language	No Added Cost
0352	No Text Labels Vehicle labels will be no text	No Added Cost
	MACHINE CONFIGURATION	
	Machine Configuration	Basic Factory Options - Required
0400	Standard Loader	No Added Cost
	Linkage Configuration	Basic Factory Options - Required
0451	Standard Z-BAR	No Added Cost
0452	High Lift Z-BAR	\$8,474.00

Adds 18 inches (457.2mm) height to bucket hinge pin, fully raised over standard linkage. Rated tipping load and lift capacity will be lower than unit equipped with the standard boom.

PACKAGES

Trim Packages

Basic Factory Options - Required

0606 Level 1 Trim

No Added Cost

Includes:

- Flat Black Exhaust
- 15 Amp Converter
- LED Work and Drive Lights
- Standard Radio (AM/FM/WB) w/ Remote Aux Port
- Less Tire Pressure Monitoring System
- Ride Control

0607 Level 2 Trim \$15,990.00

Includes:

- Curved Chrome Exhaust
- 30 Amp Converter
- Deluxe LED Work and Drive Lights
- Premium Radio (AM/FM/WB) w/ Bluetooth and Remote Aux/USB Ports
- Tire Pressure Monitoring System
- Ride Control

COLD WEATHER PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8500 Cold Weather Package

\$2,811.00

This Package is recommended for machines that will spend extended periods of time working in colder environments

Package includes:

- Ether Start Aid
- Block Heater
- Hydrau XR Hydraulic Oil (provides all-season capability in ambient temperatures ranging from -40C to 40C (-40F to 104F))
- Four 1400 CCA Batteries

* Selection of this package will also require the machine to be equipped with option code 8295 (Heated and Powered Exterior Mirrors)

8295 Heated And Powered Exterior Mirrors

\$740.00

DEBRIS PACKAGES - ORDER AS DESIRED

Field Installed Attachments - Optional

8505 Guards - Transmission & Bottom

\$2,324.00

	Operator's Station-Order As Desired	Field Installed Attachments - Optional
1100	Less Detection System	No Added Cost
1101	Object Detection Includes an object detection system (radar) that provides audible alerts when object machine.	\$3,574.00 ects are detected at the rear of the
	Detection System	Basic Factory Options - Required
0951	Rear Camera (Primary Display) Rear camera with display integrated into monitor	No Added Cost
	VISION SYSTEMS	Basic Factory Options - Required
	OPERATOR'S STATION	
8508	Auxiliary Equipment Package Package includes: - Single Beacon Bracket - Fire Extinguisher	\$360.00
	AUXILIARY EQUIPMENT PACKAGES - ORDER AS DESIRED	Field Installed Attachments - Optional
8098	Fast Fuel System	\$2,001.00
8502	Maintenance and Service Package Package includes: - Autolube - Quick Fluid Service w/ Environmental Drain	\$16,080.00
	MAINTENANCE AND SERVICE PACKAGES - ORDER AS DESIRED	Field Installed Attachments - Optional

8210 Secondary Steering \$8,117.00 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 183E 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. 183Q JDLink™ Satellite \$3,215.00 Includes integrated cab wiring harness, antenna, JDLink™ Modem's (Cellular MTG & Satellite MTG). JDLink™ connectivity is enabled separately through the JDLink™ website. Connectivity service is subject to country availability. Payload Scale Basic Factory Options - Required 2200 Less Payload Scale No Added Cost **ENGINE** Basic Factory Options - Required Engine 4066 John Deere 13.5L - FT4/SV No Added Cost John Deere Powertech Pss 13.5L Meets Epa Ft4 And Eu Stage V Emissions WHEELS/TIRES/TRACKS Wheels and Tires Basic Factory Options - Required

5147	Bridgestone DL - 35/65-33 L5 42PR Bias Tires w/ 5 PC Rims	(\$1,560.00)
5148	Bridgestone VSNT - 35/65R33 L4 2-Star Radial Tires w/ 5 PC Rims	(\$1,560.00)
5149	Michelin XTXL - 35/65R33 L4 3-Star Radial Tires w/ 5 PC Rims	No Added Cost
5150	Bridgestone VSDL - 35/65R33 L5 2-Star Radial Tires w/ 5 PC Rims	\$1,560.00
5151	Michelin XLD D2 - 35/65R33 L5 2-Star Radial Tires w/ 5 PC Rims	\$1,560.00
5152	Michelin XMINE D2 - 35/65R33 L5 2-Star Radial Tires w/ 5 PC Rims	\$4,680.00
5323	Michelin XLD D1 - 35/65R33 L4 2-Star Radial Tires w/ 5 PC Rims	(\$1,040.00)
	Fenders	Basic Factory Options - Required
5553	Full Coverage Front Fenders w/ Mudflaps Includes: - Full width front fenders - Mudflaps	No Added Cost
5554	Full Coverage Front & Rear Fenders w/ Mudflaps Includes: - Full width front fenders - Full width rear fenders - Mudflaps	\$4,543.00
	IMPLEMENTS/ATTACHMENTS	
	Buckets	Basic Factory Options - Required

	GENERAL MATERIALS	
7803	10.00 YD (7.65 CM) General Purpose	\$77,629.00
	FACE MATERIALS	
7801	8.50 YD (6.50 CM) Spade Nose Heavy Duty Rock Bucket	\$123,875.00
7802	Also requires order codes 8293 Bucket Guarding Package. 9.00 YD (6.88 CM) Spade Nose	\$102,403.00
7804	10.00 YD (7.65 CM) Spade Nose	\$105,706.00
	LESS BUCKET	
7800	Less Bucket	No Added Cost
	Cutting Edges/Segments/Teeth	Basic Factory Options - Required
7453	Bolt-On Cutting Edge	\$3,931.00
7451	Teeth with Double Bevel Cutting Segments	\$2,402.00
7452	Teeth with Half-Arrow Cutting Segments & Cover Plates	\$2,730.00

7465	Less Cutting Edge, Segments, and Teeth	No Added Cost
	Tooth Profile	Basic Factory Options - Required
7736	Less Teeth	No Added Cost
7737	TK-Series Penetration Teeth	\$1,602.00
7738	TK-Series Heavy Abrasion Teeth	\$1,914.00
	Bucket Attachments - Order As Desired	Field Installed Attachments - Optional
8293	Bucket Guarding Package Adds side bar protection and bolt-on skid plate to selected bucket.	\$1,775.00
	MISCELLANEOUS	
	Miscellaneous - Order As Desired	Field Installed Attachments - Optional
8082	Electrical Corrosion Prevention Package Preventive corrosion treatment for use in corrosive environments. Preventive corrosion treatment inclusion electrical connections and polyurethane-based sealant on exposed terminals.	\$1,482.00 udes dielectric grease
8101	Finish Paint Less Decals - Translated For custom paint. Non-Paintable charcoal grey cab roof. Decals packaged with machine. Safety decals installed.	No Added Cost
8039	Non-Export Rust Preventive Coating Coating protects exposed unpainted surfaces from road salt during shipment.	\$244.00

	Bucket Hardware & Accessories	Field Installed Attachments - Optional
AT403336	Bolt-on Skid Plate for Spade Nose Cutting Edge	\$542.00
	Single skid plate with associated mounting hardware.	
AT442196	Side Bar Protection for Spade Nose Buckets Only	\$1,137.00
	Includes 4 sidecutter shrouds and associated mounting hardware.	
AT458302	Rock Deflector Kit	\$984.00
AT403092	45 mm Bolt-on Double Bevel Cutting Segments	\$2,704.00
	Includes 7 segments and associated mounting hardware.	
AT403330	Bolt-on Half Arrow Cutting Segments and Cover Plates	\$4,233.00
	Includes 7 segments, 7 cover plates and associated mounting hardware.	
AT442197	Bolt-on Skid Shoes	\$678.00
	Includes 2 skid shoes and associated mounting hardware.	
AT403087	TK550LD Penetration Teeth	\$2,618.00
	Includes 8 teeth, pins, and locks.	
AT434579	Wear Plates & Liners Kit, Spade Nose Buckets Only	\$4,635.00
AT442707	Bolt-on Cutting Edge, Straight	\$4,508.00
	Includes 5 cutting edges and associated mounting hardware.	
AT434580	Bolt-on Cutting Edge, Spade Nose	\$6,262.00
	Includes 5 cutting edges and associated mounting hardware.	
AT403331	TK550LDH Heavy Abrasion Teeth	\$3,384.00
	Includes 8 teeth, pins, and locks.	
	Miscellaneous	Field Installed Attachments - Optional

BYT11327	Wheel Chocks & Brackets	\$1,700.00
	Wheel Chocks & Brackets that each hold a Checkers Brand (Part Number MC3010) Wheel Chock.	
	These brackets can be accessed from ground level and are mounted at the rear of the machine behind the left and storage door on the right. One per side.	ind the fuel tank door on
BYT10332	Mud Flaps and Rear Fender Extensions	\$4,327.00
	Operator Environment	Field Installed Attachments - Optional
AT452091	AM/FM/Weather Band (WB) Radio with Remote AUX Port	\$594.00
AT454016	Rear Camera and Radar Object Detection System	\$4,476.00
	Display shows view behind the machine and provides audible alert. Rear view is displayed in video-e Monitor.	enabled LCD Color
AT462477	944K FNR to RNF Transmission Direction Control Switch Reversed Pattern Decal	\$11.00
	This kit provides the in-cab sticker to correctly show the direction of the steering lever, transmissior switch on 944K loaders that have the pattern reversed from F-N-R (Forward – Neutral – Reverse) to	
AT437803	CB Radio Bracket	\$54.00
AT385865	Secondary Steering	\$7,733.00
AT452090	Premium AM/FM/Weather Band (WB)/ XM Ready Radio with Bluetooth, Remote Aux and Remote USB Port	\$876.00
	Overall Vehicle	Field Installed Attachments - Optional
AT436678	Front Fender Extension	\$930.00
AT468340	Rear Camera and Rear Object Radar Detection	\$42.00

BYT10341	Tire Pressure Monitoring System (TPMS) Kit for 944K - Less Tire Sensors	\$1,072.00
AT468339	Rear Camera	\$1,007.00
AT457797	Mud Flaps and Rear Fender Extensions	\$4,327.00
	Powertrain & Cooling Field Insta	alled Attachments - Optional
AT423344	Automatic Ether Starting Aid	\$353.00
AT422712	Fast Fill Fuel System Kit includes all necessary components and connections for conversion to fast fuel compatible tank. 150 gpm fill	\$2,164.00 rate.
BYT10329	Fast Fill Fuel System Kit includes all necessary components and connections for conversion to fast fuel compatible tank. 150 gpm fill	\$2,417.00 rate.
	BUCKETS	
	Buckets & Bucket Wear Components Field Insta	alled Attachments - Optional
AT443478	10 Cu. Yd. (7.65 Cu. M.) General Purpose Bucket with Straight Edge Only (Not Spade-Nose) Teeth, segments, cutting edges or additional hardware not included.	\$78,406.00
AT443475	8.5 Cu. Yd. (6.5 Cu. M.) Heavy Duty Granite Spade-Nose Rock Bucket Includes TK550 Adapters, Wear Liners and Top Cutting Edge Protection. Teeth, segments, cutting edges or additional hardware not included.	\$125,114.00
BYT10432	10.0 Cu. Yd. (7.65 Cu. M.) Spade-Nose Rock Bucket Less Adapters (Smooth Edge)	\$103,428.00
BYT10433	10.0 Cu. Yd. (7.65 Cu. M.) Spade-Nose Rock Bucket w/ TK550 Adapters	\$106,764.00
BYT10433	10.0 Cu. Yd. (7.65 Cu. M.) Spade-Nose Rock Bucket w/ TK550 Adapters	\$10

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AT443477	9.0 Cu. Yd. (6.88 Cu. M.) Spade-Nose Rock Bucket Less Adapters (Smooth Edge) Teeth, segments, cutting edges or additional hardware not included.	\$100,091.00
AT443476	9.0 Cu. Yd. (6.88 Cu. M.) Spade-Nose Rock Bucket w/ TK550 Adapters Teeth, segments, cutting edges or additional hardware not included.	\$103,428.00
	HYDRAULICS	
	Hydraulics	Field Installed Attachments - Optional
BYT11135	KIT, 3RD FUNCTION HYDRAULICS Includes 3rd Function Control Lever in Cab	\$9,581.00

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.