

**JOHN DEERE**

Current Date 06Jan2021

310E ARTICULATED DUMP TRUCK**COOLING:**

Dual, fully variable, hydraulic fan drives

Left side mounted radiator, charge air cooler, A/C condenser and fuel cooler

Right side mounted, transmission and hydraulic coolers

Optional Axle Coolers

Integral engine oil cooler

Remote pressurized coolant reservoir

Antifreeze Protection to -34 Degrees F (-37 Degrees C)

John Deere COOL-GARD II long-life engine coolant

Fan guard

POWERTRAIN:

ZF ErgoPower L II 8EP320 fully-automatic countershaft powershift

transmission, 8 Speeds

Forward, 4 Reverse

Lock-up torque converter

Load based shift control

Gear hold switch

Automatic integral

transmission input retarder with selectable

aggressiveness

Single-speed transfer case with interaxle differential lock

Full Time 6 Wheel Drive

Lockable, on the fly, clutch type differential locks

Fully hydraulic wet disk service brakes

Spring-applied, hydraulic-released, dry-disc park brake

ELECTRICAL:

24 Volt

80-amp alternator

Solid-state electrical power distribution system

Axial-piston, variable-displacement pump

Single-stage, dual acting, dump-body cylinders

Electrohydraulic dump-body control

Ground-driven, secondary-steering pump

Brake Accumulator, CSA Certified

OPERATOR'S STATION:

ROPS/FOPS Certified,

Tilttable Cab

Keyless Start/Stop

Programmable dump-body control settings

Sound Insulated

Air Conditioner with Heater and Defroster

AM/FM Radio/CD player and Speakers

Rear window guard

Washer/Wiper with

Intermittent Control

Tilt and telescopic steering wheel

Fully-adjustable, air suspension, heated, high-back, cloth with

leather inserts seat

Retractable, 3-Inch, operator seat belt

Fold-away instructor's seat with retractable seat belt

12-volt power outlet

Cup holders

12-volt Cigarette Lighter

Fold-Away outside rearview mirrors

7" LCD Monitor:

Optional Secondary Back-up

Camera Monitor

Speedometer

Fuel gauge

DEF gauge

Transmission oil temperature

Programmable Dump Body Rollover Protection

On-Board Weighing Display Multi-Language Capability

Tire Pressure Monitoring System Warning

Primary Backlit Sealed

Switch Module Functions:

Keyless Start/Stop

Park Brake

Transmission Controls

Drive/Neutral/Reverse/Gear

Select/Up-Shift/Down-Shift

Transmission Gear Hold

Retarder aggressiveness

Interaxle differential lock control

Automatic Dump-Body Control Settings

Descent Control

Secondary Backlit Sealed

Switch Module Functions:

A/C heater controls

Rear wiper control

Park Lights/Headlights

Work Lights

Stair Light

Work Lights

Hazard Lights

Beacon

Heated mirror

Heated seat

BODY:

Dump-body Safety Lock Bar

Heavy-duty Ribbless

Construction

Dual-cylinder hydraulic

dump

Body Ducted to Accept

Exhaust Heating Connections

OTHER:

Engine-service platform

Remote grease banks

Articulation lock

On Board Weighing System

with External Load Lights

Battery disconnect	gauge	JD-Link Ultimate Wireless
Batteries, 2 x 950 CCA	Engine coolant temperature	Communication System with
Drive lights	gauge	3Yr Subscription
LED Rear Turn Signals/ Brake Lights	Tachometer	Tire Pressure Monitoring
Electric Horn	LED function/warning	System
Reverse Alarm	indicators and audible alarm	Swing out coolers for
HYDRAULICS:	Gear Indicator	improved engine access
Closed-center, electronic	Battery voltage	Front grill swings open for
load-sensing system	Hour meter	easy service access
	Odometer	
	Trip counter	
	Trip timer	
	Metric/English units	
	Service codes/diagnostics	

Required - You must select one from each category
 BASE MACHINE

F.O.B. Davenport, Iowa for Complete Machine.
See DEALER-INSTALLED ATTACHMENT section for additional source notes.

Description	Code	Price
310E ARTICULATED DUMP TRUCK	9440DW	\$505,041.00

 ENGINE

Description	Code	Price
John Deere PowerTech meets EPA FT4 and EU Stage IV Emissions	0924	\$31,024.00

John Deere PowerTech PSS 9.0L
With 354 Net Peak hp
For use only in areas where EPA Final Tier 4/EU Stage IV is required.
Required in the US.
Turbo Charged, Charge Air Cooled
Automatic Exhaust Filter Regeneration
4 Valves / Cylinder
Wet Sleeve Cylinder Liners
Starter Protection
Electronically Controlled Fuel Delivery System
Electrical Fuel Priming System
Automatic Derating for Exceeded System Temperatures
Under Hood Dual Element Air Cleaner with Restriction Indicator
Curved Exhaust Stack
10-Micron 500 hour Spin-On Primary Fuel Filter/Water Separator
2-Micron 500 hour Spin-On Final Fuel Filter
Inline Fuel Strainer
Auto Tensioner Serpentine Belt

 EXHAUST

Description	Code	Price
Engine Exhaust with Flat Black Curved Stack	1310	No Added Cost
Engine Exhaust with Chrome Curved Stack	1330	\$370.00

**ENGINE FAN**

Description	Code	Price
Standard Fan Drive	1510	No Added Cost
Hydraulic Reversing Fan Drive	1520	\$1,442.00

**FAST FILL FUEL SYSTEM**

Description	Code	Price
Fast Fill Fuel System	5710	\$2,599.00
No Fast Fill Fuel System	5720	No Added Cost

**BATTERY**

Description	Code	Price
Batteries, 2 x 1400 CCA	1120	\$397.00

**VOLTAGE CONVERTER**

Description	Code	Price
24 to 12 Volt Voltage Converter, 15 Amp Converter	2710	\$158.00
24 to 12 Volt Voltage Converter, 25 Amp Converter	2720	\$270.00

**ON BOARD WEIGHING**

Description	Code	Price
Less On Board Weighing	5530	No Added Cost
On Board Weighing with Light Indicators	5550	\$2,040.00

**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.

JDLink Ultimate Dual 5 Year Subscription	170J	\$1,936.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and now includes all cellular dependent 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 Dual now includes Limited Internet features supporting optional ForestSight Solutions such as advance mapping systems and Remote Display Access (RDA) features supported by TeamViewer applications when cellular signal is available. JD Link Ultimate Dual works with the 4G LTE MTG to automatically transmit compressed summary data over a satellite network when a cellular network is not available. 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.

DUMP BODY

Description	Code	Price
Standard Dump Body	1910	No Added Cost
Dump Body w/8 mm (5/16 in) Steel Liner	1915	\$8,472.00
Less Dump Body	1920	(\$35,962.00)

DUMP BODY HEATER

Description	Code	Price
Dump Body Heater Exhaust Connections	2110	\$3,866.00

Requires code 1910 or 1915 dump body.

Less Dump Body Heater Connections	2120	No Added Cost
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TAILGATE

Description	Code	Price
Mechanical/Automatic Tailgate	2210	\$13,207.00

Requires code 1910 or 1915 Dump Body.

Less Tailgate	2220	No Added Cost
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▼ OPERATOR'S MANUAL AND DECALS

Required for labels and Trademarks

Description	Code	Price
English Decals and Operator's Manual	2350	No Added Cost
French Decals and Operator's Manual	2352	No Added Cost
Spanish Decals and Operator's Manual	2354	No Added Cost
No Text Decals for EU27	2358	No Added Cost

▼ MIRRORS

Description	Code	Price
Mirrors, Manual	2410	No Added Cost
Mirrors, Remote Adjustable with Heating	2420	\$900.00

▼ SEAT

Operator Seats are fully adjustable with air suspension

Description	Code	Price
STANDARD OPERATOR'S SEAT W/ SUSPENSION AND FORE/AFT ADJUSTABLE	2520	No Added Cost
PREMIUM OPERATOR'S SEAT HEATED/VENTILATED, W/ LEATHER/CLOTH, FORE/AFT/TILT AND SUSPENSION	2530	\$1,150.00
PREMIUM OPERATOR'S SEAT W/ 4PT HARNESS, HEATED/VENTILATED, W/ LEATHER/CLOTH, FORE/AFT/TILT AND SUSPENSION	2540	\$2,400.00

▼ RADIO

Description	Code	Price
AM/FM/WB RADIO	2610	No Added Cost
AM/FM/WB RADIO, BLUETOOTH, AND USB	2612	\$950.00

▼ AIR CONDITIONING SYSTEM

Description	Code	Price
Air Conditioner Refrigerant Charged	6110	No Added Cost

▼ REAR CAMERA

Description	Code	Price
Rear Camera with Secondary Monitor	2815	\$992.00

Secondary monitor will display rear camera display at all times.

Rear Camera with Integrated Monitor	2810	No Added Cost
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When machine is in reverse, rear camera will display on main monitor.

▼ HVAC CONTROLS

Description	Code	Price
Manual Operator Station Temperature Control	3010	No Added Cost
Auto Operator Station Temperature Control	3020	\$300.00

▼ HVAC PRE-CLEANER

Description	Code	Price
HVAC Pre-cleaner	3210	\$500.00
No HVAC Pre-cleaner	3220	No Added Cost

▼ WHEELS AND TIRES

See DMAC Solution 108681 for additional tire option codes.

Description	Code	Price
<u>23.5R25 Tires with 3 Piece Rims</u>		
Michelin E-3 Radial Tires	4511	\$20,377.00
Bridgestone E-3 Radial Tire	4517	\$17,663.00
<u>Other Tire Options</u>		
750/65R25 Michelin XAD Low-Profile E-3 2 Star Radial Tires	4551	\$29,413.00

Provides lower ground pressure and increased floatation, traction, stability, and tire life over standard 23.5R25 sized tires.

▼ MONITORING SYSTEM

Description	Code	Price
Tire Pressure Monitoring System	5310	\$3,214.00
Less Tire Pressure Monitoring System	5320	No Added Cost

▼ AXLE COOLING

Description	Code	Price
Axle Cooling with Remote Mounted Filters	3310	\$7,139.00
Less Axle Cooling	3320	No Added Cost

Optional - Select as desired

▼ ETHER STARTING AID

Description	Code	Price
Ether Start Aid	9215	\$308.00

▼ COOLANT HEATER

Description	Code	Price
Engine Coolant Heater, 120V	9225	\$190.00

Not for use with diesel fuel fired coolant heater code AT418721.
For use when average cold temperature is no lower than -25C (-13F).
If average cold temperature is lower than -25C (-13F), order diesel fuel fired coolant heater AT418721.

Engine Block Coolant Heater, 240 Volt	9300	\$260.00
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Restricted for use in Russia.

Diesel Fired Coolant Heater	9221	\$4,646.00
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Not for use with engine coolant heater options 9225 or 9300.

▼ FUEL FILTRATION

Description	Code	Price
Severe Duty Fuel Filter	9250	\$350.00

Code 0950 or 09255 required for Engine Code 0910

Heated Severe Duty Fuel Filter	9255	\$455.00
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▼ WARNING BEACON

Description	Code	Price
Warning Beacon	9320	\$499.00

Seat Belt Beacon	9325	\$675.00
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▼ LIGHTING

Description	Code	Price
140-amp Alternator & Additional Cab Front Work Lights - Halogen	9230	\$359.00

Cannot order with code 9232.

140-amp Alternator & Additional Cab Front Work Lights - LED	9232	\$1,534.00
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▼ OPERATOR'S MANUAL AND DECALS

Description	Code	Price
Operator manual and labels, Spanish, FT4 models	9280	No Added Cost

▼ WINDSHIELD WIPERS

Description	Code	Price
Rear Windshield Wiper	9327	\$478.00

▼ RUST PROTECTION

Description	Code	Price
Electrical Corrosion Protection Package	9211	\$987.00
HYDRAULIC OIL		
Description	Code	Price
Hydraulic Oil - Hydrau XR	9315	\$230.00
Optional Factory Fill. Intended for Colder Climates with Extreme Cold Ambient Temperatures down to -40C (-40F) Provides All-Season Capability in Ambient Temperature Ranging from -40C to 40C (-40F to 104F). Required for Russia.		
Quick Service Bank for Transmission , Hydraulic, Engine oil & Engine Coolant Fluid changes	9045	\$505.00
FIRE EXTINGUISHER		
Description	Code	Price
Fire Extinguisher - 5 lbs.	9140	\$110.00
MISCELLANEOUS		
Description	Code	Price
License Plate Bracket, Light and Mounting Hardware	9310	\$183.00
ATTACHMENTS FOR FIELD CONVERSION		
Description	Code	Price
Cold Start		
Diesel Fuel-Fired Engine Coolant Heater Kit for FT4 Engines	AT427188	\$4,624.00
For use when average cold temperatures are below -25C (-13F). Cannot be used in conjunction with Code 9225 Engine Coolant Heater, 110V. Dealer installed field kit only.		
Engine Block Heater, 240V (Stage II Engines)	AT427184	\$188.00
May be used with Diesel-Fired Coolant Heater.		
Ether Starting Aid for FT4 engines	AT426929	\$313.00
Hydraulics		
High-Altitude Hydraulic Kit	AT435710	\$618.00
For use at high altitudes to improve hydraulic performance by pressurizing the hydraulic tank. For use above 10,000 feet on 4WD Loaders. For use on Stage 2/Tier 3/iT4 4WD Loader Engines. No kit required for FT4 Loader Engines. For use above 6,000 feet on E-Series ADTs (Tier 3).		
Operator Environment		

Cigarette Lighter	AT448829	\$40.00
HVAC PreCleaner	AT445689	\$510.00
Heater Kit, BIN HEAT KIT, FT4 GEN 1.5, F	AT459127	\$3,586.00
Secondary Rear View Monitor Field Kit	BYT10243	\$1,224.00
Will display rear camera display at all times.		
Universal XM-Tuner Installation Kit	BYT11328	\$358.00
Includes hardware and brackets to add XM capability to radio		
WorkSafe BC Secondary Access Window	AT456170	\$856.00
Required for ADT in BC, Canada.		
XM Radio Kit	BYT11817	\$909.00
Overall Vehicle		
Beacon Light Field Kit	BYT11406	\$253.00
Beacon Strobe kit	AT426730	\$291.00
Dump Body Heater Exhaust Connections for FT4 Engines	AT427213	\$4,580.00
EAF410 DIESEL FIRED COOLANT HTR, FT4 260 310 ADT	BYT11387	\$5,353.00
EAF410 DIESEL FIRED COOLANT HTR, T3 260 310 ADT	BYT11388	\$5,252.00
Grease Steering Bushing Kit	BYT10508	\$321.00
JDLink 4G LTE (MTG) Field Installed System	BYT10733	\$100.00
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Mechanical/Automatic Tailgate	BYT10745	\$14,284.00
On Board Weighing Kit	BYT10229	\$2,081.00
Quick Fluid Service Field Kit	AT430821	\$523.00
For use with FT4 engine.		
SEAT BELT INDICATOR LIGHT KIT	BYT11987	\$303.00
Powertrain		
Axle Cooling Field Kit	AT440481	\$7,105.00
Fast Fuel System	AT439706	\$3,887.00
Severe-Duty Fuel Filter w/ Heater	AT427680	\$472.00

Severe-Duty Fuel Filter w/o Heater	AT427679	\$361.00
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