

Current Date 03Mar2020

700L CRAWLER DOZER

700L Standard Equipment **ENGINE** John Deere PowerTech Plus 6.8L Certified to EPA FT4 / EU Stage V emissions 135 SAE Net hp (101 kw) Turbocharged with Charged Air Cooler No Power Derating up to 10,000 ft Altitude Wet Sleeve Cylinder Liners Isolation-Mounted Electronic Fuel Injection Electronic Control with **Automatic Engine Protection** Vertical Spin-on Engine Oil Filter Vertical Spin-on Dual Stage Fuel Filter Oil-to-Water Engine Oil Cooler Dual Safety Element Dry-Type Air Cleaner, Evacuator Valve Eco Mode 500 hr. Engine Oil Change Interval COOLING SYSTEM Cool-On-Demand Variable Speed Engine Fan with Automatic Reversing Engine Coolant -34 Degree F (-37 Degree C) Coolant Recovery Tank 10-Fin/in. Engine Coolant Radiator 10-Fin/in. Hydrostatic/Hydraulic Oil-to-Air Cooler 10-Fin/in. Air-to-Air Charge Air Cooler **ELECTRICAL** 24 Volt System 115 Amp Alternator for

canopy units / 145 Amp

and Horn Combined Decelerator/Brake Pedal Selectable reverse speed ratios 100%, 115%, 130% or independent of forward ground speed Electronic Control with Automatic Transmission Protection 26.9 Gallon (101.8 Liter) Reservoir with Sight Gauge Triple Reduction Final Drives with Wet Multi-Disk Brakes Primary and Secondary Service Brakes (Conforms to ISO10265) Automatic Spring-Applied, Hydraulic Released Park Brake (Conforms to ISO 10265) 4000 hr. Oil Change Interval Transmission Diagnostic Ports Selectable Decelerator Mode UNDERCARRIAGE Oscillating Undercarriage Maximum Life Undercarriage with Moderate Single Grouser Track Shoes Adjustable Track Sag Segmented Sprockets Front and Rear Chain Guides **OPERATOR STATION:** JDLink Ultimate Machine Monitoring System w/ 5-year Message Service Modular Design ROPS/FOPS Operator Station (Conforms to SAE J1040 - ISO 3471) Viscous Isolated Left and Right Front Access Floormat Large Color Display Located

Transmission Filter Restriction Hydraulic Filter Restriction Water in Fuel Transmission Pressure Low Coolant Level Low Diesel Exhaust Fluid (DEF) Contaminated Indicator **Engine Emissions Systems** Malfunction Indicator Indicators Park Brake Fasten-Seat-Belt Operator Presence (Seat Switch) Exhaust Filter Cleaning Indicator Exhaust Filter Auto Cleaning Disabled Indicator Neutral Rotate Mode Rear Aux Mode Ripper, Winch, Generic Rear Aux Transmission Warmup Mode Blade Float Auto Blade Control Indicator Displayed on Main Screen Tachometer Hourmeter Transmission Direction (F,N,R, RTN to N, P) and Speed (SIG 1.0-3.0) Transmission Display (Forward Setting) Transmission Display (Reverse Setting) **Exhaust Filter Status** Ambient Temperature (Engine Air Inlet Temp) Clock Displayed on Secondary Screen Machine Diagnostic Service Code(s) Fuel Efficiency Runtime Screen

Alternator for cab units (2) Batteries with 190 Minute Reserve Capacity, 950 CCA Master Electric Disconnect Switch Bypass Start Safety Cover on Starter Positive Terminal Battery Covers Blade-Type Fuses Electrical Master Disconnect Pre-wired for Work Lights and Underseat Heater (canopy) (2) Cab Mounted and (2) Rear Mounted Halogen Lights w/ (2) reflectors **HYDRAULICS** 28 gpm (106 L/Min) Fixed Displacement Hydraulic Gear Pump 8 micron Vertical Spin-on Hydraulic Oil Filter Three-Function Electro-Hydraulic (EH) Controls with Proportional Angle Function **POWER TRAIN** Dual Path Hydrostatic Transmission Variable Displacement Piston Pump and Motor Combination Automatic Load Sensing for Speed and Power Management AutoTracking Steering Control 8 Micron Vertical Spin-on Filter Single Lever-Steering, Direction / Speed Control

in Front Console **Interior Sound Treatment** Slip-Resistant Steps and Ergonomically Located Handholds for Left, Right Access (Conforms to SAE J185 - ISO 2867) Air-suspension Seat Operator Presence System Thigh Support Lumbar Backrest Tilt Height, Weight and Fore-Aft Side Console Leg Cushions Adjustable Armrests 3 in. (76 mm) Orange Seat Belt with Retractors (Conforms to SAE J386 -ISO 6683) Lunch Box Storage Glove (Storage) Box Cupholders (x2) Built-in Operator's Manual Storage Compartment and Manual 12 Volt Power Port Gauges Engine Coolant Temperature Transmission Oil **Temperature** Hydraulic Oil Temperature Engine Oil Pressure Fuel Level **DEF Level** Warnings Stop Caution Low Alternator Voltage Engine Air Filter Restriction

Horn, Electric (Conforms to SAE J994, J1446, ISO 9533) Coded Keyless Start with Electric Fuel Shut Off Interior Mounted Rearview Mirror (Conforms to SAE J985) OVERALL VEHICLE Unitized Mainframe with: Integrated Front Tow Loop Reinforced Engine and Midframe Bottom Guards Integral Transmission Guard **Hinged Bottom Access** Covers (Bolt-On) Perforated Engine Side Shields Heavy-Duty Perforated Front Grille with Hose Protection Lockable Vandal Protection for: **Engine Access Panel** Rear Service Doors Fuel tank Instrument Panel Hydrostatic/Hydraulic Reservoir - Need wrench to **Environmental Drains** 69.2 Gallon (262 Liter) Fuel Wide Mouth Fuel Filler Cap Shut Off Valve at Tank Outlet Ground Level Fueling Reverse Warning Alarm with Guarding (Conforms to SAE J994, J1446)

Required - You must select one from each category

BASE MACHINE

with Counter Rotation

Ex-Works Dubuque, Iowa, United States of America

As not all option codes have field kits, please review your order option codes and available kits prior to placing a machine order.

Description Code Price

700L CRAWLER DOZER	23D0T	\$190,324.00
ENGINE		
Description	Code	Price
John Deere 6 Cyl EPA FT4 Engine	0940	\$3,453.00
John Deere PowerTech Plus 6 Cyl EPA FT4/EU Stage V Compliant 6.8 L (414 cu. in.) 135 net hp (101 kW) @ 1800 rpm - No power derating up to 10,000 ft altitude		
ENGINE FAN DRIVE		
Description	Code	Price
Standard Hydraulic Fan Drive	3510	No Added Cost
Automatic Reversing Hydraulic Fan	3520	\$1,509.00
DOZER CONFIGURATION		
Description	Code	Price
XLT PAT (Extra Long Track Power - Angle - Tilt) Dozer	1055	No Added Cost
1778 mm (70 in.) Gauge - 7 Roller Track Frame		
LGP PAT (Low Ground Pressure Power - Angle - Tilt) Dozer	1075	\$1,332.00
1981 mm (78 in.) Gauge - 7 Roller Track Frame		
TRACK SHOES AND CHAIN		
Description	Code	Price
22 Inch (559 mm) Moderate Service Shoes - Heavy Duty Undercarriage	4555	(\$7,274.00)
Sealed and Lubricated Track (SALT)		
24 Inch (610 mm) Moderate Service Shoes - Heavy Duty Undercarriage	4570	(\$7,211.00)
Sealed and Lubricated Track (SALT) Availability for this track option is limited and may exceed standard lead time.		
30 Inch (762 mm) Moderate Service Shoes - Heavy Duty Undercarriage	4590	(\$6,547.00)
Sealed and Lubricated Track (SALT)		
22 Inch (559 mm) Moderate Service Shoes - Extended Life Undercarriage	4655	(\$7,274.00)
Sealed and Lubricated Track (SALT) with SC2 Bushings		
30 Inch (762 mm) Moderate Service Shoes - Extended Life Undercarriage	4690	(\$760.00)
Sealed and Lubricated Track (SALT) with SC2 Bushings		

	22 Inch (559 mm) Moderate Service Shoes - Max Life Undercarriage	4755	No Added Cost
	Sealed and Lubricated Track (SALT) with SC2 Bushings and larger track links, rollers and idlers.		
	24 Inch (610 mm) Moderate Service Shoes - Max Life Undercarriage	4770	\$645.00
	Sealed and Lubricated Track (SALT) with SC2 Bushings and larger track links, rollers and idlers. Availability for this track option is limited and may exceed standard lead time.		
	30 Inch (762 mm) Moderate Service Shoes - Max Life Undercarriage	4790	\$1,340.00
	Sealed and Lubricated Track (SALT) with SC2 Bushings and larger track links, rollers and idlers.		
DOZE	ER BLADE		

All Blades include Straight End Bits and Bolt-On Cutting Edges. Blades are not installed, but shipped with Crawler Dozer.

Description PAT Blade - 121 Inch (3078 mm)	Code 7074	Price \$4,370.00
Requires code 1055 (XLT PAT) 3.4 cu. m (4.4 cu. yd.) capacity		
PAT Blade - 127 Inch (3231 mm)	7078	\$4,589.00
Requires code 1055 (XLT PAT) 3.5 cu. m (4.6 cu. yd.) capacity		
PAT Blade - 133 Inch (3383 mm)	7095	\$5,475.00
Requires code 1075 (LGP PAT) 3.6 cu. m (4.8 cu. yd.) capacity		
PAT Blade - 145 Inch (3688 mm)	7098	\$5,968.00
Requires code 1075 (LGP PAT) 3.9 cu. m (5.1 cu. yd.) capacity		

HYDRAULICS FOR DOZER BLADE AND ATTACHMENTS

Description	Code	Price
3 Function Electro-Hydraulics (EH) for Power-Angle-Tilt (PAT)	7750	No Added Cost
Does not include auxiliary hydraulics		
4 Function Electro-Hydraulics (EH) for Power-Angle-Tilt (PAT)	7760	\$1,440.00
Includes auxiliary plumbing for rear implement		

HYDRAULIC PUMP

Description Code **Price**

		Standard Hydraulic Pump	7925	No Added Cost
_		Thru Drive Hydraulic Pump for use with Direct Drive (PTO) Winch	7985	\$530.00
		For use with Deere 4000S Winch (mechanical drive) Includes external spline for driveshaft.		
~	GREAS	SES, FUEL, OIL, & COOLANT		
		Description	Code	Price
		Hydraulic And Hydrostatic Oil - Hydrau	8010	No Added Cost
		Standard Factory Fill. Provides All-Season capability in ambient temperatures ranging from -25C (-13F) to 50C (122F).		
		Hydraulic and Hydrostatic Oil - Hydrau XR, Final Drive Oil - Low Vis Hygard	8020	\$578.00
		Optional Factory Fill. Intended for colder climates with extreme cold ambient temperatures, provides All-Season capability in ambient temperature ranging from -40C to 40C (-40F to 104F).		
~	CANO	PY OR CAB		
	CANO	1 OK CKB		
	CANO	Description	Code	Price
	CAIVOI		Code 5025	Price No Added Cost
_	CANO	Description		
~	SEAT	Description Canopy	5025	No Added Cost
*		Description Canopy	5025	No Added Cost
¥		Description Canopy Cab With Roof Mounted Air Conditioner/Heater	5025 5085	No Added Cost \$22,995.00
*		Description Canopy Cab With Roof Mounted Air Conditioner/Heater Description	5025 5085 Code	No Added Cost \$22,995.00 Price
¥		Description Canopy Cab With Roof Mounted Air Conditioner/Heater Description Air Suspension Comfort Control High Back Vinyl Seat Vinyl-covered high-back seat includes pan tilt, pan extend, lumbar adjustment and air suspension with full damping capability. 3 in. (76 mm)	5025 5085 Code	No Added Cost \$22,995.00 Price
*		Description Canopy Cab With Roof Mounted Air Conditioner/Heater Description Air Suspension Comfort Control High Back Vinyl Seat Vinyl-covered high-back seat includes pan tilt, pan extend, lumbar adjustment and air suspension with full damping capability. 3 in. (76 mm) retractable seat belt.Requires Code 5025.	5025 5085 Code 5855	No Added Cost \$22,995.00 Price No Added Cost
*		Description Canopy Cab With Roof Mounted Air Conditioner/Heater Description Air Suspension Comfort Control High Back Vinyl Seat Vinyl-covered high-back seat includes pan tilt, pan extend, lumbar adjustment and air suspension with full damping capability. 3 in. (76 mm) retractable seat belt.Requires Code 5025. Deluxe Seat, Cloth with Air Suspension Fabric-covered high-back seat includes pan tilt, pan extend, lumbar adjustment and air suspension with full damping capability. 3 in. (76 mm)	5025 5085 Code 5855	No Added Cost \$22,995.00 Price No Added Cost

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.

170J

\$1,936.00

DescriptionCodePriceJDLink Ultimate 5 Year Subscription170CNo 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

JDLink Ultimate Dual 5 Year Subscription

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.

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.

No JDLink Ultimate 1741 (\$1,232.00)

GRADE CONTROL

DescriptionCodePriceSmartGrade Ready including Slope Control2502\$6,400.00

SmartGrade Ready includes harnesses, sensors, and controls to enable a future upgrade to SmartGrade 3D Mastless Grade Control using field kit.

Slope Control automatically controls the cross slope and/or mainfall angle

	without the need for additional equipment (e.g. GNSS, laser reference, etc.).		
-	SmartGrade 3D Mastless Grade Control including Slope Control	2503	\$95,400.00
	Mastless 3D GNSS grade control system fully integrated into the cab and structures. Consists of dual-band radio that is capable of receiving both UHF and 915 MHz, sensors, integrated display and Topcon software compatible with Topcon file formats. Includes Auto SmartGrade which automatically adjusts the blade when encountering heavy loads, reducing track slip to improve fuel economy and prolong track life. Also includes Remote Display Access (RDA) and Wireless Data Transfer (WDT) for integrated connectivity and support.		
	Slope Control automatically controls the cross slope and/or mainfall angle without the need for additional equipment (e.g. GNSS, laser reference, etc.).		
	No Grade Control Installed	2575	No Added Cost
~	OPERATOR'S MANUAL AND DECALS		
	Description	Code	Price
	English Operator Manual	2605	No Added Cost
_	Spanish Operator Manual	2610	No Added Cost
_	French Operator Manual	2615	No Added Cost
Opt	tional - Select as desired		
~	FUEL FILTRATION		
	Description	Code	Price
	Severe-Duty Fuel Filter	9060	\$531.00
_	For use where fuel quality is questionable and/or additional water separation is required. Filter base contains fuel heater.		
~	EXHAUST		
	Description	Code	Price
	Chrome Exhaust	9065	\$520.00
~	MISCELLANEOUS		
	Description	Code	Price
	Fluid Sample Ports	9070	\$336.00
-	Quick Service Bank for Transmission, Hydraulic, Engine oil & Engine Coolant Fluid changes	9075	\$900.00
_	Remote service banks are located inside engine and tank compartments; utilizes industry standard quick disconnect couplers.		
~	COOLANT HEATER		
	Description	Code	Price
	Coolant Heater, Electric	9530	\$144.00

120 Volt

	120 VOIL		
AIR P	RE-CLEANER		
	Description	Code	Price
	Engine Air Precleaner - Rotary	9130	\$501.00
	Intended for high dust applications to extend engine air filter life. Not required in most applications; will negatively impact over-hood visibility.		
WINC	-1		
	Description	Code	Price
	Model 4000 Standard Speed Winch - Power In, Freespool Out	9401	\$19,065.00
	Model 4000 Standard Speed Winch - Power In, Power Out	9402	\$21,516.00
	Winch Fairlead, Four Roller	9410	\$3,938.00
RADIC			
	Description	Code	Price
	Premium Radio with Bluetooth	9501	\$1,120.00
	AM/FM/Weather Band (WB) Radio with Bluetooth, Remote Aux and Remote USB Port		
MIRRO	DRS		
	Description	Code	Price
	External Mounted Rear Attachments Mirror	9365	\$133.00
MISCE	ELLANEOUS		
	Description	Code	Price
	Automatic Temperature Control	9503	\$530.00
	HVAC system automatically adjusts temperature and fan speed to meet desired in-cab temperature.		
	Camera Rear View	9504	\$2,035.00
	Rear camera view is shown on primary machine display.		
	Fire Extinguisher Bracket	9505	\$71.00
	Bracket in cab to securely stow 2.5 lbs fire extinguisher.		
	Full Screens for Cab	9454	\$8,250.00
	Factory designed/installed option. Includes side screens, rear screen, door screens, front screen, and AC condenser guard. For limb risers, order code 9142.		
	Rear Screen for Cab	9455	\$1,815.00
	Factory designed/installed option		
	-		

	Rear Screen for Canopy	9450	\$1,415.00
~	SHIPPING PREPARATION		
	Description	Code	Price
	Non-Export Rust Preventive Coating	9909	\$151.00
	Coating protects exposed unpainted surfaces from road salt during shipment.		
Y	GRILLE		
	Description	Code	Price
	Heavy Duty Grille	9325	\$525.00
	Reinforced plate grille for increased protection of cooling fan.		
~	WORK LIGHTS		
	Description	Code	Price
	Premium LED Light Package	9166	\$1,300.00
	6 high output LED lights (16,800 lumens) replace the 4 standard halogen lights.		
~	12 VOLT POWER		
	Description	Code	Price
	2nd - 12 Volt Power Port	9370	\$224.00
~	MISCELLANEOUS		
	Description	Code	Price
	Engine Compartment Light	9180	\$114.00
~	BEACON LIGHTING		
	Description	Code	Price
	Beacon Light	9521	\$295.00
~	RIPPER		
	Description	Code	Price
	Heavy Duty Parallelogram Ripper with 5 Shank Pockets and (3) Shank/Teeth	9191	\$16,110.00
	Requires code 7760 (4 Section PAT Valve) Not for use with other Rear Attachment		
~	HITCHES		
	Description	Code	Price
	Retrieval Hitch w/ Single Rear Counterweight	9340	\$4,291.00
	501 kg (1106 lb.) Not for use with other rear attachment		

\$615.00

9343

Retrieval Hitch w/o Rear Counterweight

	Retrieval filteri w/o Real Countel weight	2243	Ψ015.00
	31 kg (68 lb.) Not for use with other rear attachment		
w	COUNTERWEIGHT		
	Description	Code	Price
	Extended Rigid Drawbar w/ Single Rear Counterweight	9345	\$5,251.00
	562 kg (1240 lb.) Not for use with other rear attachment		
	Single Rear Counterweight	9250	\$3,726.00
	469 kg (1035 lb.) Not for use with other rear attachment		
	Extended Rigid Drawbar w/o Rear Counterweight	9347	\$1,575.00
	93 kg (205 lb.) Includes pin Not for use with other rear attachment		
_	Rigid Drawbar for use with Winch	9430	\$695.00
	33 kg (73 lb.) Only for use with winch		
~	GUARDS		
	Description	Code	Price
	Full Length Rock Guards	9150	\$2,100.00
	Recommended for applications in rock over 3 in. (76 mm) or sideslopes greater than 2:1. Not recommended for waste or other material packing applications.		
_	Limb Risers (Sweeps)	9142	\$3,650.00
	Factory designed/installed option		
	LGP Final Drive Guard	9139	\$660.00

ATTACHMENTS FOR FIELD CONVERSION

F.O.B. Dubuque, lowa for dealer-installed kits, except where noted. Some of the following kits may require additional parts for a complete installation. Prior to ordering, check the installation instructions by going to www.johndeeretechinfo.com and clicking on Library, or by clicking on this Hyperlink (Installation Bulletin Search), and insert the AT number to retrieve the attachment installation instruction bulletin for additional parts. Exception to above note is FRONTIER Dealer Installed Kits.

All attachments are sold as a quantity of one.

Description	Code	Price
Operator Environment		
Cab Rear View Camera Field Kit	BYT11680	\$2,035.00
Canopy Rear View Camera Field Kit	BYT11700	\$2,035.00

Educational Services Commission of New Jersey
NJ State Approved Co-op #65MCESCCPS Grounds Equipment - Bid #ESCNJ 18/29-25

John Deere-Price List 4-24-2020

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