





### 710 P-TIER BACKHOE LOADER

SCIENT

# **READY TO RUN IN THE REAL WORLD**

When owners and operators just like you — the people who know what customers need for their operations to succeed — weighed in on our latest backhoe loaders, we heeded the real-world feedback. You asked for one machine that capably completes the work of two. A powerful overachiever with outstanding loader performance, backhoe capability, and multifunction versatility. And packed with productivity-elevating options to match the application. Meet the 710 P-Tier Backhoe Loader, a standout multitasker ready to run — and get more done — in any corner of the working world.



# FEATURES

### Proven engine technology

Reliable EPA Final Tier 4 (FT4)/EU Stage IV John Deere PowerTech<sup>™</sup> Plus engine incorporates series turbochargers for increased power and improved torque over earlier models. Wet-sleeve design with replaceable cylinder liners provides uniform cooling and helps reduce oil breakdown and ring wear.

### **Elevated experience**

Pressure-compensated, load-sensing (PCLS) hydraulics provide excellent multifunctioning, smooth machine control, and up to 15-percent greater craning capacity with Lift Mode, collectively providing a distinctive operator experience and unmatched machine performance. Trenching operation can be conducted at a lower engine rpm, reducing fuel consumption and jobsite noise.

### Forward thinking

When enabled on the sealed-switch module, AutoShift automatically shifts the PowerShift<sup>™</sup> transmission to the appropriate gear. Simply set the control lever to the highest gear desired, and the transmission will optimally shift based on engine rpm and ground speed. Included in the base machine configuration, AutoShift enhances operator ease of use during extended transport or load-and-carry applications.

### Always on the move

Limited-slip mechanical-front-wheel drive (MFWD) delivers sure-footed traction in any ground condition. Engage momentary MFWD "on the fly" with a touch of a button on the loader control.

### Smooth control

When set ground speed is reached, ride control automatically turns on, creating a smoother ride for the operator and reducing bucket spillage. When the machine drops below the speed setting, ride control turns off, maximizing loader productivity. Auto ride control is standard equipment on the 710 P-Tier.

### Nice and precise

Standard precision mode reduces the speed of hydraulic backhoe functions without sacrificing lift performance, for close work around underground utilities or jobsite obstacles, or when lifting — also useful for less experienced operators.

### Save fuel with economy mode

Standard economy mode can be configured separately between loader and backhoe functions. Activate economy mode for backhoe functions while retaining full power for loader functions. This helps maximize fuel usage in lighter-work applications with minimal effect on machine performance.

### It all looks good from here

Spacious operator station is loaded with creature comforts including an efficient HVAC system, choice of adjustable mechanical or airsuspension seat, and optional premium radio with Bluetooth<sup>®</sup> and auxiliary input. Sightlines to the loader bucket corners over the sloped hood are clear.

### Take it easy

Enhanced "palm-on-top" loadercontrol grip is intuitive and easy to use. Redesigned loader-lever linkage reduces resistance and improves its throw and feel, decreasing lever travel by up to 15 percent.

### Hit the ground running

Same-side ground-level service points speed daily checks and fills. Other commonsense features such as quick-change filters, extended service intervals, simple-to-read sight gauges, and easy-access grease zerks help increase uptime. WORK AROUND OBSTACLES OR UNDERGROUND UTILITIES WITH PRECISION MODE

Hala





### 710 P-TIER BACKHOE LOADER



### **Precision Construction**

From grade management and obstacle detection to product automation features and jobsite intelligence, this suite of construction technology delivers productivity solutions to help you get more done, more efficiently.

John Deere construction equipment comes with in-base connectivity — free from subscriptions or annual renewals. Analyze critical machine data, track utilization, review diagnostic alerts, and more from **the John Deere Operations Center™**. The Operations Center also enables **John Deere Connected Support™**, which uses data from thousands of connected machines to proactively address issues before they arise. Your dealer can also remotely monitor machine health, diagnose problems, and even update machine software without a trip to the jobsite.\*

\*Availability varies by region and product. Options not available in every country.



## 710 P-TIER BACKHOE LOADER SPECIFICATIONS



While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Engine			
Engine Manufacturer and Model	710 P-TIER	JT09/ sories turbesbarged	
	John Deere PowerTech <sup>™</sup> Plus 4045		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Displacement	4.5 L (276 cu. in.)		
Gross Peak Power	112 kW (150 hp) at 2,240 rpm		
Net Peak Power (ISO 9249)	110 kW (148 hp) at 2,240 rpm		
Net Peak Torque (ISO 9249)	570 Nm (420 lbft.) at 1,400 rpm		
Net Torque Rise	20%		
Lubrication	Pressure system with spin-on filter		
Air Cleaner	Dual-stage dry type with safety ele	ment and evacuator valve	
Cooling			
Fan Type		ate, suction-type cooling fan standard	
Engine Coolant Rating	–40 deg. C (–40 deg. F)		
Engine Oil Cooler	Oil to water		
Powertrain			
Transmission	on loader lever; AutoShift transmis		
Torque Converter	Single stage, dual phase with 1.92:1	stall ratio, 280 mm (11 in.)	
PowerShift Standard Transmission			
Maximum Travel Speeds With Standard Engine, Mechanical-Front-Wheel Drive (MFWD), and			
21L-28 Rear Tires	Forward	Reverse	
Gear 1	6.0 km/h (3.7 mph)	6.7 km/h (4.2 mph)	
Gear 2	10.0 km/h (6.2 mph)	11.2 km/h (7.0 mph)	
Gear 3	24.6 km/h (15.3 mph)	27.4 km/h (17.0 mph)	
Gear 4	36.9 km/h (22.9 mph)	-	
Axles			
Axle Oscillation, Stop to Stop, Front Axle	18 deg.		
Axle Ratings	Front	Rear	
SAE J43	9000 kg (19,800 lb.)	11 500 kg (25,400 lb.)	
Dynamic	12 500 kg (27,600 lb.)	14 000 kg (30,900 lb.)	
Static	32 000 kg (70,500 lb.)	32 000 kg (70,500 lb.)	
Ultimate	48 000 kg (105,800 lb.)	48 000 kg (105,800 lb.)	
Differentials	40 000 kg (105,000 lb.)	40 000 kg (105,000 lb.)	
MFWD Axle	Automatic, limited-slip traction cor	strol	
Rear Axle	Foot actuated, hydraulically engage		
Steering (ISO 5010)	Hydrostatic power steering and em	Non-Powered Front	
Axle	MFWD	Non-Powerea Front	
Curb-Turning Radius			
With Brakes	3.99 m (13 ft. 1 in.)	3.98 m (13 ft. 1 in.)	
Without Brakes	4.58 m (15 ft. 0 in.)	4.57 m (15 ft. 0 in.)	
Bucket-Clearance Circle			
With Brakes	11.42 m (37 ft. 6 in.)	11.43 m (37 ft. 6 in.)	
Without Brakes	12.30 m (40 ft. 4 in.)	12.31 m (40 ft. 5 in.)	
Steering Wheel Turns (lock to lock, flow amplified)	2.7 to 4.4	2.9 to 4.7	
MFWD Axle		al drives distribute shock loads over 3 gears	
Rear Axle	Heavy duty, inboard planetary final	drives distribute shock loads over 3 gears	
Brakes (ISO 3450)			
Service	Full power, hydraulic wet disc, mou	nted inboard, self-adjusting and self-equalizing	
Parking		ed, wet, multi-disc, independent of service brakes with electric switch control	
Hydraulics			
Main Pump	Pressure compensated load sensing	J (PCLS), axial-piston pump	
Pump Flow at 2,200 rpm			
Backhoe	198 L/m (52.3 gpm)		
Loader	198 L/m (52.3 gpm)		
System Relief Pressure, Backhoe and Loader			
-, Hence			
	24 993 kPa (3.625 nsi)		
Backhoe Lift Mode	24 993 kPa (3,625 psi) 26 890 kPa (3,900 psi)		

## 710 P-TIER BACKHOE LOADER SPECIFICATIONS



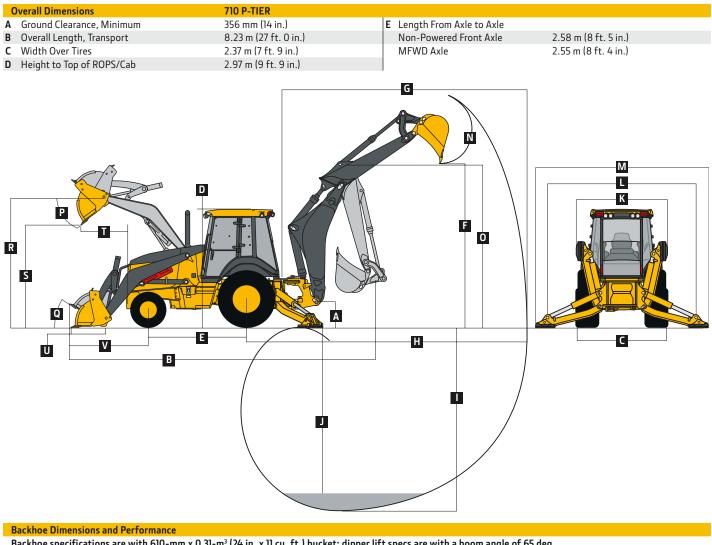


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Controls       Pilot controls with pattern select standard; electrohydraulic [EH] auxiliary functions optional         Loader       Single-lover control with electric clutch cutoff switch and MFWD (momentary) standard; single-lover control with electric clutch cutoff switch. PM proportional auxiliary roller, MFWD (momentary) is atradard; single-lover control with electric clutch cutoff switch. PM proportional auxiliary roller, MFWD (momentary) is atradard; single-lover control with electric clutch cutoff switch. PM proportional auxiliary roller, MFWD (momentary) is atradard; single-lover control with electric clutch cutoff switch. PM proportional auxiliary roller, MFWD (momentary) is atradard; single-lover control with electric clutch cutoff switch. PM proportional auxiliary roller, MFWD (momentary) is atradard; single-lover control with electric clutch cutoff switch. PM proportional auxiliary roller, MFWD (momentary) is atradard; single-lover control with electric clutch cutoff switch. PM proportional auxiliary roller, MFWD (momentary) is atradard; single-lover control with momentary) is atradard; single-lover control with electric clutch cutoff switch. PM proportional PM proproproportinal PM proportional PM proproportional PM pr	Hydraulics (continued)	710 P-TIER			
LaderSingle-lever control (with electric clutch cutoff switch, and MTWD (nonentary) standard; single-lever control optionalGuiderSingle-lever control optionalSingle-lever control optionalGuiderBorRod DiameterSingle-lever control optionalLader Bocker (1)100 mm (3.3 in, 156 mm (2.20 in, 167 single-lever control optionalBackhoe Boom (1)160 mm (6.3 in, 155 mm (3.2 in, 197 and 126.4 in, 1Backhoe Boom (1)160 mm (5.3 in, 195 mm (3.3 fin, 194 mm (25.7 in, 1Backhoe Boom (1)100 mm (4.3 in, 170 mm (2.7 fin, 193 mm (3.6 yr), 1Backhoe Boom (2)100 mm (4.3 in, 170 mm (2.7 fin, 193 mm (3.6 yr), 1Backhoe Souter (1)100 mm (4.3 in, 170 mm (2.7 fin, 193 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 167 mm (2.9 fin, 193 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 167 mm (2.9 fin, 193 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 167 mm (2.9 fin, 193 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 167 mm (2.9 fin, 193 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 193 mm (2.9 yr), 1130 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 193 mm (2.9 yr), 1130 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 193 mm (2.9 yr), 1130 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 193 mm (2.9 yr), 1130 mm (2.9 yr), 1Backhoe Souter (2)100 mm (4.3 in, 120 mm (	Controls				
electric clutch cutoff switch, EH proportional auxiliary roller, MFWD (momentary), and transmission quicks optimal fast treated, chrome-plated, polished rods; hard-med steel (replaceable bushing) pirst         Stream           Heat treated, chrome-plated, polished rods; hard-med steel (replaceable bushing) pirst         Stroke         Stroke           Loader Boom (12)         100 mm (3.9 in )         Strome 12.20 in .)         62 mm (3.7 in .)         94 Am (3.7 in .)           Backhoe Boom (16)         100 mm (3.9 in .)         Strome 12.20 in .)         92 mm (3.16 in .)         93 mm (3.5 in .) <td< td=""><td>Backhoe</td><td colspan="3">Pilot controls with pattern select standard; electrohydraulic (EH) auxiliary functions optional</td></td<>	Backhoe	Pilot controls with pattern select standard; electrohydraulic (EH) auxiliary functions optional			
optional           Heat-treated, chrome-plated, polished rods, hardened steel (replaceable bushings) pivot pins           Machine Strake           Strake <th colspan<="" td=""><td>Loader</td><td></td><td></td><td></td></th>	<td>Loader</td> <td></td> <td></td> <td></td>	Loader			
Cylinders         Ford         Red Diameter         Strake           Loader Boarn [2]         100 mm (3.94 in.)         56 mm (2.20 in.)         692 mm (3.64 in.)           Dader Backte [1]         100 mm (3.94 in.)         56 mm (2.20 in.)         672 mm (26.44 in.)           Backhoe Boarn [1]         100 mm (6.33 in.)         95 mm (3.74 in.)         944 mm (7.977 in.)           Backhoe Cowel [1]         100 mm (4.33 in.)         56 mm (2.20 in.)         672 mm (28.16 in.)           Backhoe Evolut [1]         100 mm (4.33 in.)         70 mm (2.76 in.)         939 mm [36.97 in.]           Backhoe Evolut [2]         100 mm (4.33 in.)         65 mm (2.20 in.)         308 mm (21.16 in.)           Backhoe Evolut [2]         100 mm (4.33 in.)         45 mm (1.77 in.)         372 mm (54.00 in.)           Backhoe Evolut [2]         100 mm (4.33 in.)         45 mm (1.77 in.)         308 mm (23.15 in.)           Non-Powered Aule [1]         75 mm (2.95 in.)         45 mm (1.77 in.)         240 mm (9.45 in.)           Non-Powered Aule [1]         75 mm (2.95 in.)         50 mm (1.27 in.)         260 mm (0.24 in.)           Ustage         12 volt         Alternator         160 amp         12 volt           Alternator Rating         160 amp         12 volt         160 amp           Lights         of standa					
		optional			
Bore         Rod Diameter         Stroke           Loader Board, P2         100 mm (3,94 in, 55 fmm (2,20 in,)         605 mm (3,66 in,)           Backhoe Growt, P1         100 mm (4,33 in,)         55 mm (2,20 in,)         672 mm (26,44 in,)           Backhoe Growt, P1         140 mm (5,51 in,)         95 mm (3,35 in,)         792 mm (31,16 in,)           Backhoe Board, P1         100 mm (4,33 in,)         95 mm (2,76 in,)         939 mm (36,97 in,)           Backhoe Board, P1         00 mm (4,33 in,)         95 mm (2,76 in,)         939 mm (36,97 in,)           Backhoe Extendable Dipperstick (P1)         80 mm (4,33 m,)         63 mm (2,46 in,)         939 mm (3,51 in,)           Backhoe Stability, Extended (P1)         75 mm (2,55 in,)         45 mm (1,77 in,)         1372 mm (9,45 on,)           Non-Powered Aule (P1)         75 mm (2,55 in,)         45 mm (1,77 in,)         240 mm (9,45 in,)           Non-Powered Aule (P1)         75 mm (2,55 in,)         45 mm (1,77 in,)         240 mm (9,45 in,)           Vistage         12 volt         310 mm (4,73 m, 20 mm (4,73 m, 20 mm (4,75 in,)         300 mm (4,75 mm (4	· ·				
Lader Boxn [2]100 mn (3.94 in.)5 mm (2.20 in.)805 mm (3.69 in.)Lader Boxket (1)100 mn (6.30 in.)5 mm (2.30 in.)672 mm (2.64 in.)Backhoe Boxn [1]100 mn (6.33 in.)70 mm (2.76 in.)939 mm (3.56 yr.).Backhoe Swing [2]100 mn (4.33 in.)70 mm (2.76 in.)939 mm (3.56 yr.).Backhoe Stabilizer, Extended (2)100 mn (4.33 in.)67 mm (2.20 in.)308 mm (2.13 in.)Backhoe Stabilizer, Extended (2)15 mm (4.95 in.)63 mm (2.47 in.)939 mm (3.56 yr.).Backhoe Stabilizer, Extended (2)15 mm (4.95 in.)63 mm (2.47 in.)930 mm (3.57 in.)Backhoe Stabilizer, Extended (2)15 mm (2.95 in.)50 mm (2.97 in.)940 mm (0.24 in.)Backhoe Stabilizer, Extended (2)15 mm (2.95 in.)50 mm (1.97 in.)260 mm (0.24 in.)Backhoe Stabilizer, Extended (2)10 halogen: 4 front, 4 rear, and 2 sid user relification in stop and tallights; and 2 rear relificators, installed option for 2 LED sputights and 8 LED floadights to a stop and tallights; and 2 rear relificators, installed option for 2 LED sputights and 8 LED floadights to a stop and tallights; and 2 rear relificators, installed option for 2 LED sputights and 8 LED floadights to a stop and tallights; and 2 rear relificators, installed option for 2 LED sputights and 8 LED floadights to a stop and tallights; and 2 rear relificators, installed option for 2 LED sputight access, with weight access, we	Heat-treated, chrome-plated, polished rods; hard			5 I	
Loader Burket (1)         10 mm (4.33 m.)         56 mm (2.20 in.)         672 mm (2.6.44 in.)           Backhoe Boom (1)         160 mm (6.30 in.)         95 mm (3.74 in.)         944 mm (3717 in.)           Backhoe Zowd (1)         140 mm (5.51 in.)         85 mm (3.35 in.)         732 mm (3.6.77 in.)           Backhoe Subket (1)         100 mm (4.33 m.).         70 mm (2.76 in.)         939 mm (36.57 in.)           Backhoe Subket (1)         80 mm (3.35 in.)         45 mm (1.77 in.)         132 mm (54.00 in.)           Backhoe Subket (1)         80 mm (3.35 in.)         45 mm (1.77 in.)         130 mm (4.53 in.)           Backhoe Subket (1)         75 mm (2.95 in.)         63 mm (2.46 in.)         588 mm (2.35 in.)           Non-Powered Asle (1)         75 mm (2.95 in.)         50 mm (1.97 in.)         260 mm (0.24 in.)           Electrical         12 volt         141         10 halogen: 4 front, 4 rear, and 2 side docking (32.500 candlepower each]; turn signals and flashers: 2 front an signal and flashers: 2 front an an a side docking (32.500 candlepower each]; turn signals and flashers: 2 front an an and 2 side docking (32.500 candlepower each]; turn signals and flashers: 2 front an an an an an and a					
Backhe Geom (1) 60 mm (6.30 in.) 95 mm (3.74 in.) 944 mm (3.71 m.) Backheo Evot (1) 10 mm (4.33 in.) 70 mm (2.76 in.) 939 mm (36.97 in.) Backheo Evot (1) 10 mm (4.33 in.) 50 mm (2.26 in.) 309 mm (32.57 in.) Backheo Exot able Dipperstick (1) 80 mm (3.15 in.) 45 mm (2.20 in.) 308 mm (2.13 in.) Backheo Exot able Dipperstick (1) 80 mm (3.15 in.) 45 mm (2.77 in.) 392 mm (36.40 in.) Backheo Exot able Dipperstick (1) 75 mm (2.95 in.) 45 mm (2.97 in.) 450 mm (2.97 in.) Backheo Exot able Dipperstick (1) 75 mm (2.95 in.) 50 mm (2.97 in.) 450 mm (2.97 in.)					
Backhoe Crowd (1)         140 mm (5.51 m, )         93 mm (3.35 m, )         972 mm (315 m, )           Backhoe Bucket (1)         110 mm (4.33 in, )         70 mm (2.76 in, )         939 mm (36.97 in, )           Backhoe Suig (2)         100 mm (4.33 in, )         56 mm (2.20 in, )         939 mm (5.0 in, )         939 mm (5.0 in, )         938 mm (36.97 in, )           Backhoe Statig (2)         100 mm (4.33 in, )         45 mm (1.77 in, )         937 mm (5.0 in, )         938 mm (3.0 in, )					
Backhoe Bucket II) III 0mm (4.31 m.) 70 mm (276 m.) 939 mm (36.37 m.) Backhoe Extended (2) III 0mm (4.31 m.) 56 mm (2.20 in.) 308 mm (12.13 in.) Backhoe Extended (2) III 5 mm (4.35 in.) 45 mm (1.77 in.) 1372 mm (54.00 m.) Backhoe Stabilizer, Extended (2) III 5 mm (4.53 in.) 45 mm (1.77 in.) 240 mm (9.45 in.) MFWD (I) 75 mm (2.95 in.) 50 mm (1.97 in.) 240 mm (9.45 in.) MFWD (I) 75 mm (2.95 in.) 50 mm (1.97 in.) 240 mm (9.45 in.) MFWD (I) 75 mm (2.95 in.) 50 mm (1.97 in.) 240 mm (9.45 in.) MFWD (I) 75 mm (2.95 in.) 50 mm (1.97 in.) 240 mm (9.45 in.) MFWD (I) 10 halogen: 4 front, 4 rear, and 2 side docking (32,500 candlepower each); turn signals and flashers: 2 front am stop and tallights; and 2 rear reflectors; factory-installed option for 2 LED spotlights and 8 LED floodilights of standard halogen light package front stop and tallights; and 2 rear reflectors; factory-installed option for 2 LED spotlights and 8 LED floodilights of standard halogen light package trees/Weels/ Teres					
Backhoe Swing (2)         10 mm (4.33 in.)         55 mm (2.20 in.)         308 mm (12.13 in.)           Backhoe Saturdable Dipperstick (1)         80 mm (3.15 in.)         45 mm (1.77 in.)         1372 mm (54.00 in.)           Backhoe Saturdable Dipperstick (1)         75 mm (2.95 in.)         45 mm (1.77 in.)         240 mm (9.45 in.)           Non-Powered Asle (1)         75 mm (2.95 in.)         50 mm (1.97 in.)         260 mm (10.24 in.)           Electrical         50 mm (1.97 in.)         260 mm (10.24 in.)         260 mm (10.24 in.)           Electrical         50 mm (1.97 in.)         260 mm (10.24 in.)         260 mm (10.24 in.)           Alternator Rating         106 ang         100 halogen: 4 front, 4 rear, and 2 side docking (32,500 candlepower each): turn signals and flashers: 2 front an six op and tailliphis; and 2 rear reflectors; factory-installed option for 2 LED spotliphts and 8 LED Floodliphts           Operator Station         51 standard halogen light package         52 Sta1 sta1           Operator Station         12 St90.18 73 (16)         212-28 R4 (18)         53 Sta1 sta1           Non-Powered Front Axle         12 St90.18 73 (16)         205-25 L3 (20)         55 L3 (20)           With MFWD         15-39.5 R4 (12)         212-28 R4 (18)         54 Sta1 sta1           Cooling System         55 Sta1 (20)         55 L3 (20)         55 L3 (20)           Coolin					
Backhoe Stabilizer, Extended (2)80 m (3.15 m.)45 m (7.27 m.)137 cm (5.40 m.)Backhoe Stabilizer, Extended (2)115 m (4.53 m.)63 m (7.27 m.)240 m (9.24 m.)Backhoe Stabilizer, Extended (2)75 m (2.55 m.)50 m (1.77 n.)240 m (9.24 m.)MFWD (1)75 m (2.55 m.)50 m (1.77 n.)240 m (9.24 m.)MEWD (1)75 m (2.55 m.)50 m (1.77 n.)260 mm (10.24 m.)MEWD (1)75 m (2.55 m.)50 mm (1.97 m.)260 mm (10.24 m.)Method (1)100 mm (2.57 m.)100 mm (2.57 m.)260 mm (10.24 m.)Values and tailights: and 2 rear reflectors; factor-installed option for 2 LED sputights and 8 LED floodlights of standard fuldogen light hadgen (bit) factors; factor-installed option for 2 LED sputights and 8 LED floodlights to stating and tailights: and 2 rear reflectors; factor-installed option for 2 LED sputights and 8 LED floodlights to stating and tailights: and 2 rear reflectors; factor-installed option for 2 LED sputights and 8 LED floodlights to stating and tailights: and 2 rear reflectors; factor-installed option for 2 LED sputights and 8 LED floodlights to stating and tailights: and 2 rear reflectors; factor-installed option for 2 LED sputights and 8 LED floodlights to stating and tailights: and 2 rear reflectors; factor-installed option for 2 LED sputights and 8 LED floodlights to stating and tailights: and 2 rear reflectors; factor-installed option for 2 LED sputights and 8 LED floodlights to stating and 1 fails field and 1					
Backhoe Stabilizer, Extended (2)         115 mm (4.53 in.)         63 mm (2.46 in.)         588 mm (2.315 in.)           Non-Powered Axle (1)         75 mm (2.95 in.)         45 mm (1.77 in.)         240 mm (9.45 in.)           Non-Powered Axle (1)         75 mm (2.95 in.)         50 mm (1.97 in.)         260 mm (10.24 in.)           Electrical         50 mm (1.97 in.)         260 mm (10.24 in.)         50 mm (10.24 in.)           Victage         12 volt         100 map         100 mm (10.24 in.)         500 mm (10.24 in.)           Lights         100 halogen: 4 front, 4 rear and 2 side docking (32,500 candlepower each); turn signals and Flashers: 2 front am stop and tailights; and 2 rear reflectors; factory-installed option for 2 LED spolity and 8 LED floodlights of standard halogen light package           Operator Station         Front         Rear           Type (ISO 3471)         Fully enclosed cab, isolation mounted, ROPS/FOPS, left/right access, with molded roof; optional canopy           On-Powered Front Axle         12,578-16 (16)         21.28 R4 (18)           Non-Powered Front Axle         25,95 K4 (12)         21.28 R4 (18)           Cooling System         25.0 L (26.4 qt.)         25.0 L (26.4 qt.)           Ganopy         26.4 L (27.9 qt.)         25.0 L (26.4 qt.)           Face Type (IGI Guiding vertical spin-on filter)         35.0 L (37.4 qt.)         25.0 L (26.4 qt.)	5	110 mm (4.33 in.)	56 mm (2.20 in.)	308 mm (12.13 in.)	
Non-Powered Axle (1)75 mm (2.95 in.)45 mm (1.77 in.)240 mm (9.45 in.)MFWD (1)75 mm (2.95 in.)50 mm (1.97 in.)260 mm (10.24 in.)Detrited2 volt2020Alternator Rating160 amp2020Lights10 halogen: 4 front, 4 rear, and 2 side d-sching (32,500 candlepower each); turn signals and flashers: 2 front am stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and taillights; and 2 rear reflectors; fractory-installed option for 2 LED spotlights and 8 LED floodilghts to stop and 1 and 8 LED floodilght to stop and 1 and 8 LED floodilght<	Backhoe Extendable Dipperstick (1)	80 mm (3.15 in.)	45 mm (1.77 in.)	1372 mm (54.00 in.)	
MFW0 [1]75 mm (2.95 in.)50 mm (1.97 in.)260 mm (10.24 in.)ElectricalVoltage12 voltAlternator Rating160 ampI00 halogen: 4 front, 4 rear, and 2 side docking (32,500 candlepower each); turn signals and flashers: 2 front and stop and taillights; and 2 rear reflectors; factory-installed option for 2 LED spotlights and 8 LED floodlights or standard halogen light packageOperator Station5 standard halogen light packageTres/WheelsFrontRearRearNon-Powered Front Axle2,5/500-18 f3 1(6)12-28 R4 (18)21-28 R4 (18)Non-Powered Front Axle1,5/57-61.7 f3 1(6)20.5-25 L-3 (20)14-5.77-51.7 f3 1(6)20.5-25 L-3 (20)20.5-25 L-3 (20)With MFWD15-19.5 R4 (12)20.5-25 L-3 (20)20.5-25 L-3 (20)Serviceability25.0 L (25.40 rL)Refil Capacities25.0 L (26.4 qL)Caoling System25.0 L (26.4 qL)Canopy25.4 L (27.9 qL)Rear Axle25.0 L (26.4 qL)Engine Oil (including vertical spin-on filter)15.1 L (16.0 qL)Fuel Tank (with ground-level fueling)17.1 L (46.0 gal.)Diesel Exhaust Fluid (DEF) Tank17.1 L (46.0 gal.)Hydraulic Reservoir51.0 L (15.9 qL.)Patentary (each)25.0 L (25.9 qL.)Patentary (each)25.0 L (25.9 qL.)Patentary (each)25.0 L (15.9 qL.)Patentary (each)25.0 L (15.9 qL.)Patentary (each)25.0 L (25.9 qL.)Conting System15.0 L (15.9 qL.)Patentary	Backhoe Stabilizer, Extended (2)		63 mm (2.48 in.)	588 mm (23.15 in.)	
Electrical       12 volt         Voltage       160 amp         Lights       160 amp         Lights       10 halogen: 4 front, 4 rear, and 2 side docking (32,500 candlepower each); turn signals and flashers: 2 front am stop and taillights; and 2 rear reflectors; factory-installed option for 2 LED spotlights and 8 LED floodlights of standard halogen light package         Operator Station       Form         Type (ISO 3471)       Fully enclosed cab, isolation mounted, ROPS/FOPS, left/right access, with molded roof; optional canopy         Tirres/Wheels       Fornt       Rear         Non-Powered Front Axle       12.5/80-18 F3 (16)       212-28 R4 (18)         14,5/75-16.1F3 (16)       20.5-25 L 3 (20)       Serviceability         Serviceability       15-19,5 R4 (12)       21.28 R4 (18)         Cooling System       15-19,5 R4 (12)       21.28 R4 (18)         Canopy       26,4 L (27,9 qt.)       Serviceability         Canopy       26,4 L (27,9 qt.)       Serviceability         Fergine Oil lincluding vertical spin-on filter)       13.0 L (13.7 qt.)       Serviceability         Torque Converter and Transmission       15.1 L (16.0 qt.)       Serviceability         Fuel Construct Fluid (DEF) Tank       13.7 L (46.0 gal.)       Serviceability         Diseel Schaus Fluid (DEF) Tank       13.7 L (46.0 gal.)       Serviceability </td <td>Non-Powered Axle (1)</td> <td>75 mm (2.95 in.)</td> <td>45 mm (1.77 in.)</td> <td>240 mm (9.45 in.)</td>	Non-Powered Axle (1)	75 mm (2.95 in.)	45 mm (1.77 in.)	240 mm (9.45 in.)	
Voltage12 voltAlternator Rating160 ampLights10 halogen: 4 front, 4 rear, and 2 side Jocking 132,500 candlepower each); turn signals and flashers: 2 front and stop and taillights; and 2 rear reflectors; factory-installed option for 2 LED spotlights and 8 LED floodlights or standard halogen light packageOperator Station5 standard halogen light packageType (ISD 347)Fully enclosed cab, isolation mounted, ROPS/FOPS, left/right access, with molded roof; optional canopyTires/WheelsFrontRearNon-Powered Front Axle12,5780-18 F3 (IG)21,228 R4 (I8)12,5780-18 F3 (IG)21,228 R4 (I8)14,129,120,120,120,120,120,120,120,120,120,120		75 mm (2.95 in.)	50 mm (1.97 in.)	260 mm (10.24 in.)	
Alternator Rating     160 amp       Lights     10 halogen: 4 front, 4 rear, and 2 side docking [32,500 candlepower each]; turn signals and flashers: 2 front and stop and tallights; and 2 rear reflectors; factory-installed option for 2 LED spotlights and 8 LED floodlights of standard halogen light package       Operator Station     Tres/Wheels       Type [IS0 3471]     Fully enclosed cab, isolation mounted, ROPS/FOPS, left/right access, with molded roof; optional canopy       Tres/Wheels     Front     Rear       Non-Powered Front Axle     12,5/80-18 F3 [16]     21L-28 R4 (18]       14,5/75-16.1F3 [16]     20,5-25 L-3 (20)       Serviceability     Serviceability       Refli Capacities     Cooling System       Cab     28,4 L (30.0 qt.)       Canopy     26,4 L (27.9 qt.)       Rear Axle     25,0 L (26,4 qt.)       Engine Oil (including vertical spin-on filter)     13.0 L (13.7 qt.)       Torque Converter and Transmission     15.1 L (16.0 qt.)       Fuel Standard Fluid (DEF) Tank     13.7 L (3.6 gal.)       Hydraulic System     14.1 L (4.6 gal.)       Hydraulic Reservoir     50.1 L (3.2 qd.)       Gola (11, 12. qd.)     Torque Converter and Transmission       Disel Exhands Fluid (DEF) Tank     13.7 L (13.6 gal.)       Hydraulic System     14.1 L (4.6 gal.)       Hydraulic Reservoir     50.1 L (13.2 qd.)       Planetary leach)     2.2	Electrical				
Lights         Dialogen: 4 front, 4 rear, and 2 side d∪cking [32,500 candlepower each]: turn signals and flashers: 2 front and signal and halogen light package of starter reflectors; factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory-installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory installed option for 2 LED spotlights and 8 LED floodilghts of starter reflectors factory installed option for 2 LED spotlights and 8 LED floodilghts for 2 LED spotlights and 8 LED floodilghts for a fac	Voltage	12 volt			
stop and taillights; and 2 rear reflectors; factory-installed option for 2 LED spotlights and 8 LED floodlights of standard halogen light package           Operator Station         Form         Rear           Tires/Wheels         Front         Rear           Non-Powered Front Axle         12,5/80-18 F3 (16)         21,28 R4 (18)           14,5/75-16.1 F3 (16)         20,5-25 L-3 (20)         Station           Kith MFWD         15-9.5 R4 (12)         20,5-25 L-3 (20)           Serviceability           Refl Capacities           Cooling System         20,5-25 L-3 (20)           Cab         26,4 L (27,9 qt.)         Station           Canopy         26,4 L (27,9 qt.)         Station           Rear Axle         25.0 L (26,4 qt.)         Station           Figure Converter and Transmission         15.10 (16,0 qt.)         Station           Figure Converter and Transmission         15.1 (16,0 qt.)         Station           Figure Reservoir         50.1 (13.2 qsl.)         Station           Hydraulic System         15.0 (13.2 qsl.)         Station           Figure Reservoir         50.1 (13.2 qsl.)         Station           Hydraulic Reservoir         50.1 (13.2 qsl.)         Station           Hydraulic Reservoir         50.1 (13.2 qsl.)	Alternator Rating	160 amp			
Operator Station	Lights				
Operator Station					
Operator Station         Fully enclosed cab, isolation mounted, ROPS/FOPS, left/right access, with molded roof; optional canopy           Tres/Wheels         Front         Rear           Non-Powered Front Axle         12.5/80-18 F3 (16)         21.2-28 R4 (18)           Non-Powered Front Axle         12.5/80-18 F3 (16)         20.5-25 L-3 (20)           With MFWD         15-19.5 R4 (12)         20.5-25 L-3 (20)           Serviceability         Serviceability         Serviceability           Refil Capacities         Serviceability         Serviceability           Cooling System         28.4 L (30.0 qt.)         Serviceability           Cab         28.4 L (37.9 qt.)         Serviceability           Rear Axle         25.0 L (26.4 qt.)         Serviceability           Rear Axle         25.0 L (37.4 qt.)         Serviceability           Rear Axle         25.0 L (37.4 qt.)         Serviceability           Fuel Tank (with ground-level fueling)         174.1 (46.0 gal.)         Serviceability           Pise Exhaust Fluid (DEF) Tank         13.7 L (3.6 gal.)         Serviceability           Pise Exhaust Fluid (DEF) Tank         13.7 L (3.6 gal.)         Serviceability           MFWD Housing         So.0 L (15.9 qt.)         So.0 L (13.2 gal.)         Serviceability           Mith Fuel Tank, 75-kg (165 lb.)					
Tires/Wheels         Front         Rear           Non-Powered Front Axle         12.5/80-18 F3 (16)         21L-28 R4 (18)           14.5/75-16.1 F3 (16)         20.5-25 L-3 (20)           With MFWD         15-19.5 R4 (12)         21L-28 R4 (18)           15-19.5 R4 (12)         20.5-25 L-3 (20)           Serviceability         20.5-25 L-3 (20)         15-10.5 R4 (12)           Cooling System         15-10.5 R4 (12)         20.5-25 L-3 (20)           Cab         28.4 L (30.0 qt.)         20.5-25 L-3 (20)           Cab         25.0 L (26.4 qt.)         15-10.5 R4 (12)           Canopy         26.4 L (27.9 qt.)         20.5 R4 (12)           Rear Axle         25.0 L (26.4 qt.)         15-10.5 R4 (12)           Ford Tansmission         15.1 L (16.0 qt.)         11.6 (10.5 qt.)           Fuel Tank (with ground-level fueling)         174.1 L (46.0 gal.)         14.5 (10.5 gt.)           Hydraulic Reservoir         50.1 L (13.2 gal.)         14.5 (10.5 gt.) <td>Operator Station</td> <td></td> <td></td> <td></td>	Operator Station				
Front         Rear           Non-Powered Front Axle         12,578-018 F3 (16)         21L-28 R4 (18)           14,5775-16.1F3 (16)         205-25 L-3 (20)           With MFWD         15.95. R4 (12)         21L-28 R4 (18)           15.19.5 R4 (12)         20.5-25 L-3 (20)           Service:           Service:         Service:	Type (ISO 3471)	Fully enclosed cab, isolation mounted, ROPS/FOPS, left/right access, with molded roof; optional canopy			
Non-Powered Front Axle         12.5/80-18 F3 (16)         21L-28 R4 (18)           14.5/75-16.1 F3 (16)         20.5-25 L-3 (20)           With MFWD         15-19.5 R4 (12)         21L-28 R4 (18)           15-19.5 R4 (12)         20.5-25 L-3 (20)           Serviceability         20.5-25 L-3 (20)           Serviceability         20.5-25 L-3 (20)           Serviceability         20.5-25 L-3 (20)           Cooling System         20.5-25 L-3 (20)           Cab         28.4 L (30.0 qt.)           Cab         28.4 L (30.0 qt.)           Canopy         26.4 L (27.9 qt.)           Rear Axle         25.0 L (26.4 qt.)           Engine Oil (including vertical spin-on filter)         13.0 L (13.7 qt.)           Torque Converter and Transmission         15.1 L (16.0 qt.)           Fuel Tank (with ground-level fueling)         174.1 L (46.0 gal.)           Diesel Exhaust Fluid (DEF) Tank         13.7 L (3.6 gal.)           Hydraulic System         174.1 L (46.0 gal.)           Hydraulic System         15.0 L (15.9 qt.)           Planetary (each)         2.2 L (2.3 qt.)           MFWD Housing         2.4 L (2.3 qt.)           Vertify Weights         2.4 k (a (50.0 lb.)           Counterweight         2.2 k (2 (57.90 lb.) <td< td=""><td>Tires/Wheels</td><td></td><td></td><td></td></td<>	Tires/Wheels				
H.5/75-16.1F3 (16)         20.5-25 L-3 (20)           With MFWD         15-19.5 R4 (12)         20.5-25 L-3 (20)           Serviceability         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Serviceability         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Refill Capacities         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Coling System         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Canopy         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Conopy         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Canopy         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Cab         20.5-25 L-3 (20)         20.5-25 L-3 (20)           Parating Kight         15.1 L (16.0 q1.1)         15.1 L (16.0 q1.1)         15.1 L (16.0 q1.1)           Hydraulic Reservoir <t< td=""><td></td><td>Front</td><td>Rear</td><td></td></t<>		Front	Rear		
With MFWD       15-19.5 R4 (12)       21L-28 R4 (18)         15-19.5 R4 (12)       20.5-25 L-3 (20)         Serviceability       20.5-25 L-3 (20)         Cab       28.4 L (30.0 qt.)         Canopy       26.4 L (27.9 qt.)         Rear Axle       25.0 L (26.4 qt.)         Fuel Tank (with ground-level fueling)       174.1 L (46.0 gal.)         Hydraulic Reservoir       50.1 L (13.2 gal.)         Hydraulic Reservoir       50.1 L (13.2 gal.)         MFWD Housing	Non-Powered Front Axle	12.5/80-18 F3 (16)	21L-28 R4 (18)		
Init Service and II space in the service and II space in the service and II space in the service in the servic		14.5/75-16.1 F3 (16)	20.5-25 L-3 (20)		
Serviceability         Refill Capacities         Cooling System         Cab       28.4 L (30.0 qt.)         Canopy       26.4 L (27.9 qt.)         Rear Axle       25.0 L (26.4 qt.)         Engine Oil (including vertical spin-on filter)       13.0 L (13.7 qt.)         Torque Converter and Transmission       15.1 L (16.0 qt.)         Fuel Tank (with ground-level fueling)       174.1 L (46.0 gal.)         Diesel Exhaust Fluid (DEF) Tank       13.7 L (3.6 gal.)         Hydraulic Reservoir       50.1 L (13.2 gal.)         MFWD Housing       15.0 L (15.9 qt.)         Planetary (each)       2.2 L (2.3 qt.)         Operating Weights       10.698 kg (25,790 lb.)         Standard Equipment, Canopy, and 272-kg (600 lb.)       1698 kg (25,799 lb.)         Vith Full Fuel Tank, 75-kg (165 lb.) Operator, Typical With Cab, Extendable Dipperstick, and 12 691 kg (27,979 lb.)       Optional Components (weight difference between base equipment and option)         Cab       254 kg (560 lb.)       MFWD With Tires       274 kg (604 lb.)         Standard Equipment, Canopy, and 272-kg (600 lb.)       MFWD With Tires       274 kg (604 lb.)         Standard Equipment, Canopy, and 272-kg (600 lb.)       MFWD With Tires       274 kg (604 lb.)         Standard Equipment, Canopy, and 272-kg (600 lb.)       MFWD With Tires       274	With MFWD	15-19.5 R4 (12)	21L-28 R4 (18)		
Refil Capacities         Second System           Cooling System         28.4 L (30.0 qt.)           Canopy         26.4 L (27.0 qt.)           Rear Axle         26.0 L (27.0 qt.)           I ongo Converter and Transmission         15.1 L (6.0 qt.)           Torque Converter and Transmission         15.1 L (6.0 qt.)           I ongo Converter and Transmission         15.1 L (6.0 qt.)           I bese Exhaust Fluid (DEF) Tank         17.1 L (46.0 gal.)           I bese Exhaust Fluid (DEF) Tank         17.1 L (46.0 gal.)           I hydraulic System         15.1 L (15.0 qt.)		15-19.5 R4 (12)	20.5-25 L-3 (20)		
Refil Capacities         Second System           Cooling System         28.4 L (30.0 qt.)           Canop         28.4 L (27.9 qt.)           Rear Axle         26.0 L (27.9 qt.)           Torque Converter and Transmission         15.0 L (13.7 qt.)           Torque Converter and Transmission         15.0 L (16.0 qt.)           Fuel Tank (with ground-level fueling)         17.1 L (46.0 gal.)           Ibesel Exhaust Fluid (DEF) Tank         17.1 L (46.0 gal.)           Mydraulic System         17.1 L (46.0 gal.)           Hydraulic System         17.1 L (46.0 gal.)           Mydraulic Reservoir         50.1 L (13.2 gal.)           MWD Housing         15.0 L (15.9 qt.)           Planetary (each)         5.0 L (15.9 qt.)           New Hydraulic System         5.0 L (15.9 qt.)           New Hydraulic System         5.0 L (15.9 qt.)           New Hydraulic System         5.0 L (15.9 qt.)           Ake         5.0 L (15.9 qt.)           Planetary (each)         2.0 L (2.3 qt.)           Utilt Full Fuel Tank, 75-kg (165 lb.) Operator,         16.9 kg (25.790 lb.)           Courterweight         Caba< 254 kg (560 lb.)	Serviceability				
Cooling System         Cooling System           Cab         28.4 L (30.0 qt.)           Canopy         26.4 L (27.9 qt.)           Rear Axle         25.0 L (26.4 qt.)           Engine Oil (including vertical spin-on filter)         13.0 L (13.7 qt.)           Torque Converter and Transmission         15.1 L (16.0 qt.)           Fuel Tank (with ground-level fueling)         174.1 L (46.0 gal.)           Diesel Exhaust Fluid (DEF) Tank         13.7 L (3.6 gal.)           Hydraulic System         174.1 L (46.0 gal.)           Hydraulic Reservoir         50.1 L (13.2 gal.)           MFWD Housing         50.1 L (13.2 gal.)           Axle         15.0 L (15.9 qt.)           Planetary (each)         2.2 L (2.3 qt.)           Operating Weights         16.98 kg (25,790 lb.)           Verther With Cab, Extendable Dipperstick, and         12 691 kg (27,979 lb.)           Gab<-kg (1,500 lb.) Counterweight					
Cab       28.4 L (30.0 qt.)         Canopy       26.4 L (27.9 qt.)         Rear Axle       25.0 L (26.4 qt.)         Engine Oil (including vertical spin-on filter)       13.0 L (13.7 qt.)         Torque Converter and Transmission       15.1 L (16.0 qt.)         Fuel Tank (with ground-level fueling)       174.1 L (46.0 gal.)         Diesel Exhaust Fluid (DEF) Tank       13.7 L (3.6 gal.)         Hydraulic System       174.1 L (46.0 gal.)         Hydraulic Reservoir       50.1 L (13.2 gal.)         MFWD Housing					
Canopy       26.4 L (27.9 qt.)         Rear Axle       25.0 L (26.4 qt.)         Engine Oil (including vertical spin-on filter)       13.0 L (13.7 qt.)         Torque Converter and Transmission       15.1 L (16.0 qt.)         Fuel Tank (with ground-level fueling)       174.1 L (46.0 gal.)         Diesel Exhaust Fluid (DEF) Tank       13.7 L (3.6 gal.)         Hydraulic System       174.1 L (46.0 gal.)         Hydraulic Reservoir       50.1 L (13.2 gal.)         MFWD Housing       15.0 L (15.9 qt.)         Axle       15.0 L (15.9 qt.)         Planetary (each)       2.2 L (2.3 qt.)         Operating Weights       16.98 kg (25.790 lb.)         With Full Fuel Tank, 75-kg (165 lb.) Operator, standard Equipment, Canopy, and 272-kg (500 lb.)       11.698 kg (25.790 lb.)         Counterweight       Cab       254 kg (560 lb.)         Typical With Cab, Extendable Dipperstick, and       12.691 kg (27.979 lb.)       MFWD With Tires       274 kg (604 lb.)         680-kg (1,500 lb.) Counterweight       12.691 kg (27.979 lb.)       MFWD With Tires       274 kg (604 lb.)         680-kg (1,500 lb.) Counterweight       12.691 kg (27.979 lb.)       MFWD With Tires       274 kg (604 lb.)		28.4 L (30.0 gt.)			
Rear Axle         25.0 L (26.4 qt.)           Engine Oil (including vertical spin- on filter)         13.0 L (13.7 qt.)           Torque Converter and Transmission         15.1 L (16.0 qt.)           Fuel Tank (with ground-level fueling)         174.1 L (46.0 gal.)           Diesel Exhaust Fluid (DEF) Tank         13.7 L (3.6 gal.)           Hydraulic System         174.1 L (46.0 gal.)           Hydraulic Reservoir         50.1 L (13.2 gal.)           MFWD Housing         15.0 L (15.9 qt.)           Planetary (each)         2.2 L (2.3 qt.)           Operating Weights         2.2 L (2.3 qt.)           With Full Fuel Tank, 75-kg (165 lb.) Operator,         16.98 kg (25.790 lb.)           Counterweight         16.98 kg (25.790 lb.)           Counterweight         Cab         254 kg (560 lb.)           Typical With Cab, Extendable Dipperstick, and         12.69 lsg (27.979 lb.)         MFWD With Tires         274 kg (604 lb.)           680-kg (1,500 lb.) Counterweight         12.69 lsg (27.979 lb.)         MFWD With Tires         274 kg (604 lb.)					
Engine Oil (including vertical spin-on filter)       13.0 L (13.7 qt.)         Torque Converter and Transmission       15.1 L (16.0 qt.)         Fuel Tank (with ground-level fueling)       174.1 L (46.0 gal.)         Diesel Exhaust Fluid (DEF) Tank       13.7 L (3.6 gal.)         Hydraulic System       174.1 L (46.0 gal.)         Hydraulic Reservoir       50.1 L (13.2 gal.)         MFWD Housing       50.1 L (15.9 qt.)         Planetary (each)       2.2 L (2.3 qt.)         Operating Weights       15.0 Seg (25,790 lb.)         With Full Fuel Tank, 75-kg (165 lb.) Operator,       16.98 kg (25,790 lb.)         Counterweight       Cab       254 kg (560 lb.)         Typical With Cab, Extendable Dipperstick, and       12 691 kg (27,979 lb.)       MFWD With Tires       274 kg (604 lb.)         680-kg (1,500 lb.) Counterweight       12 691 kg (27,979 lb.)       MFWD With Tires       331 kg (730 lb.)					
Torque Converter and Transmission15.1 L (16.0 qt.)Fuel Tank (with ground-level fueling)174.1 L (46.0 gal.)Diesel Exhaust Fluid (DEF) Tank13.7 L (3.6 gal.)Hydraulic System174.1 L (46.0 gal.)Hydraulic Reservoir50.1 L (13.2 gal.)MFWD Housing50.1 L (15.9 qt.)Axle15.0 L (15.9 qt.)Planetary (each)2.2 L (2.3 qt.)Operating WeightsWith Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)11 698 kg (25,790 lb.)Optional Components (weight difference between base equipment and option) CabStandard Equipment, Canopy, and 272-kg (600 lb.)12 691 kg (27,979 lb.)MFWD With Tires274 kg (604 lb.)680-kg (1,500 lb.) Counterweight12 691 kg (27,979 lb.)MFWD With Tires274 kg (604 lb.)Extendable Dipperstick, and12 691 kg (27,979 lb.)MFWD With Tires274 kg (604 lb.)					
Fuel Tank (with ground-level fueling)174.1 L (46.0 gal.)Diesel Exhaust Fluid (DEF) Tank13.7 L (3.6 gal.)Hydraulic System174.1 L (46.0 gal.)Hydraulic Reservoir50.1 L (13.2 gal.)MFWD Housing50.1 L (13.2 gal.)Axle15.0 L (15.9 qt.)Planetary (each)2.2 L (2.3 qt.)Operating WeightsWith Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)Counterweight11 698 kg (25,790 lb.)Typical With Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight12 691 kg (27,979 lb.)MFWD With Tires274 kg (604 lb.)Extendable Dipperstick331 kg (730 lb.)					
Diesel Exhaust Fluid (DEF) Tank13.7 L (3.6 gal.)Hydraulic System174.1 L (46.0 gal.)Hydraulic Reservoir50.1 L (13.2 gal.)MFWD Housing	1				
Hydraulic System174.1 L (46.0 gal.)Hydraulic Reservoir50.1 L (13.2 gal.)MFWD HousingAxle15.0 L (15.9 qt.)Planetary (each)2.2 L (2.3 qt.)Operating WeightsWith Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.) Counterweight11 698 kg (25,790 lb.)Optional Components (weight difference between base equipment and option) Cab254 kg (560 lb.)Counterweight12 691 kg (27,979 lb.)Kith Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight12 691 kg (27,979 lb.)Kith Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight12 691 kg (27,979 lb.)Kith Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight12 691 kg (27,979 lb.)Kith Cab, Extendable Dipperstick, and (1,500 lb.) Counterweight12 691 kg (27,979 lb.)Kith Cab, Extendable Dipperstick, and (1,500 lb.) Counterweight274 kg (604 lb.)Kith Cab, Extendable Dipperstick, and (1,500 lb.) Counterweight12 691 kg (27,979 lb.)	5				
Hydraulic Reservoir50.1 L (13.2 gal.)MFWD HousingAxleJ5.0 L (15.9 qt.)Planetary (each)2.2 L (2.3 qt.)Operating WeightsWith Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)CounterweightTypical With Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight12 691 kg (27,979 lb.)Kith Full Sub CounterweightKith Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) CounterweightKith Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) CounterweightKith Cab, Extendable Dipperstick, and CabKith Cab, Extendable Dipperstick, and Cab					
MFWD Housing         Axle       15.0 L (15.9 qt.)         Planetary (each)       2.2 L (2.3 qt.)         Operating Weights       I 698 kg (25,790 lb.)         With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)       1698 kg (25,790 lb.)         Counterweight       Cab       254 kg (560 lb.)         Typical With Cab, Extendable Dipperstick, and       12 691 kg (27,979 lb.)       MFWD With Tires       274 kg (604 lb.)         680-kg (1,500 lb.) Counterweight       12 691 kg (27,979 lb.)       KFWD With Tires       331 kg (730 lb.)					
Axle15.0 L (15.9 qt.)Planetary (each)2.2 L (2.3 qt.)Operating Weights16.9 kg (25.790 lb.)With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)16.9 kg (25.790 lb.)CounterweightCab254 kg (560 lb.)Typical With Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight269 kg (27.979 lb.)MFWD With Tires680-kg (1,500 lb.) Counterweight274 kg (604 lb.)Extendable Dipperstick331 kg (730 lb.)		50.1 E (15.2 gal.)			
Planetary (each)     2.2 L (2.3 qt.)       Operating Weights     If 698 kg (25,790 lb.)       With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)     11 698 kg (25,790 lb.)       Counterweight     Cab       Typical With Cab, Extendable Dipperstick, and     12 691 kg (27,979 lb.)       680-kg (1,500 lb.) Counterweight     Extendable Dipperstick       331 kg (730 lb.)		15.0 L (15.9 at )			
Operating Weights         With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)       11 698 kg (25,790 lb.)       Optional Components (weight difference between base equipment and option)         Counterweight       Cab       254 kg (560 lb.)         Typical With Cab, Extendable Dipperstick, and       12 691 kg (27,979 lb.)       MFWD With Tires       274 kg (604 lb.)         680-kg (1,500 lb.) Counterweight       Extendable Dipperstick       331 kg (730 lb.)					
With Full Fuel Tank, 75-kg (165 lb.) Operator, Standard Equipment, Canopy, and 272-kg (600 lb.)1698 kg (25,790 lb.)Optional Components (weight difference between base equipment and option)CounterweightCab254 kg (560 lb.)Typical With Cab, Extendable Dipperstick, and 680-kg (1,500 lb.) Counterweight12 691 kg (27,979 lb.)MFWD With Tires Extendable Dipperstick680-kg (1,500 lb.) Counterweight254 kg (500 lb.)331 kg (730 lb.)					
Standard Equipment, Canopy, and 272-kg (600 lb.)     and option)       Counterweight     Cab     254 kg (560 lb.)       Typical With Cab, Extendable Dipperstick, and 12 691 kg (27,979 lb.)     MFWD With Tires     274 kg (604 lb.)       680-kg (1,500 lb.) Counterweight     Extendable Dipperstick     331 kg (730 lb.)		11 698 kg (25 790 lb )	Ontional Components (weight diff	ference between base equipment	
CounterweightCab254 kg (560 lb.)Typical With Cab, Extendable Dipperstick, and12 691 kg (27,979 lb.)MFWD With Tires274 kg (604 lb.)680-kg (1,500 lb.) CounterweightExtendable Dipperstick331 kg (730 lb.)		1 050 kg (25,150 lb.)		rerence between base equipment	
Typical With Cab, Extendable Dipperstick, and         12 691 kg (27,979 lb.)         MFWD With Tires         274 kg (604 lb.)           680-kg (1,500 lb.) Counterweight         Extendable Dipperstick         331 kg (730 lb.)				254 kg (560 lb )	
680-kg (1,500 lb.) Counterweight Extendable Dipperstick 331 kg (730 lb.)		12 691 kg (27 979 lb )		274 kg (604 lb )	
		12 051 kg (21,515 10.)			
Event Leader Coupler 02 I (200 IL)			Front Loader Coupler	93 kg (205 lb.)	

# 710 P-TIER

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.



E	Backhoe specifications are with 610-mm x 0.31-m³ (24 in. x 11 cu. ft.) bucket; dipper lift specs are with a boom angle of 65 deg.					
E	Bucket Range 610–914 mm (24–36 in.)					
C	Digging Force					
	Bucket Cylinder	78.4 kN (17,622 lb.)				
	Lift Mode	84.3 kN (18,959 lb.)				
	Crowd Cylinder	53.4 kN (11,999 lb.)	53.4 kN (11,999 lb.)			
	Lift Mode	57.4 kN (12,910 lb.)				
S	wing Arc	180 deg.				
C	perator Control	Pilot control				
			With Optional Extendable Dipperstick			
		With Standard Backhoe	Retracted	Extended		
F	Loading Height, Truck Loading Position	4.45 m (14 ft. 7 in.)	4.49 m (14 ft. 9 in.)	5.35 m (17 ft. 6 in.)		
G	Reach from Center of Swing Pivot	6.84 m (22 ft. 5 in.)	6.84 m (22 ft. 5 in.)	8.15 m (26 ft. 9 in.)		
н	Reach from Center of Rear Axle	8.11 m (26 ft. 7 in.)	8.11 m (26 ft. 7 in.)	9.42 m (30 ft. 11 in.)		
1	Digging Depth (SAE maximum)	5.26 m (17 ft. 3 in.)	5.26 m (17 ft. 3 in.)	6.63 m (21 ft. 9 in.)		
J Digging Depth (SAE)						
	610-mm (2 ft.) Flat Bottom	5.25 m (17 ft. 3 in.)	5.25 m (17 ft. 2 in.)	6.62 m (21 ft. 8 in.)		
	2440-mm (8 ft.) Flat Bottom	4.96 m (16 ft. 3 in.)	4.96 m (16 ft. 3 in.)	6.40 m (21 ft. 0 in.)		
Κ	Stabilizer Width, Transport	2.41 m (7 ft. 11 in.)	2.41 m (7 ft. 11 in.)	2.41 m (7 ft. 11 in.)		
L	Stabilizer Spread, Operating	3.99 m (13 ft. 1 in.)	3.99 m (13 ft. 1 in.)	3.99 m (13 ft. 1 in.)		
Μ	Stabilizer Overall Width, Operating	4.65 m (15 ft. 3 in.)	4.65 m (15 ft. 3 in.)	4.65 m (15 ft. 3 in.)		
Ν	Bucket Rotation	190 deg.	190 deg.	190 deg.		
0	Transport Height	4.23 m (13 ft. 10 in.)	4.23 m (13 ft. 10 in.)	4.23 m (13 ft. 10 in.)		
Loader Dimensions and Performance						
Ρ	Bucket Dump Angle, Maximum	45 deg.				
Q	Rollback Angle at Ground Level	40 deg.				

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

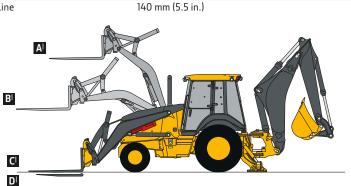
# **710 P-TIER**

L	_oader Dimensions and Performance (continued)	710 P-TIER			
		Standard-duty	Standard-duty	Multipurpose	
E	Bucket Capacity	1.24 m³ (1.62 cu. yd.)	1.43 m³ (1.87 cu. yd.)	1.00 m³ (1.31 cu. yd.)	
Width		2464 mm (97 in.)	2464 mm (97 in.)	2451 mm (96 in.)	
١	Neight	830 kg (1,830 lb.)	866 kg (1,909 lb.)	995 kg (2,193 lb.)	
E	Breakout Force	73.6 kN (16,539 lb.)	70.5 kN (15,853 lb.)	73.3 kN (16,474 lb.)	
l	.ift Capacity, Full Height	4475 kg (9,866 lb.)	4239 kg (9,346 lb.)	4081 kg (8,998 lb.)	
R	Height to Bucket Hinge Pin, Maximum	3.73 m (12 ft. 3 in.)	3.73 m (12 ft. 3 in.)	3.73 m (12 ft. 3 in.)	
S	Dump Clearance, Bucket at 45 deg.	2.89 m (9 ft. 6 in.)	2.81 m (9 ft. 3 in.)	2.92 m (9 ft. 7 in.)	
Т	Reach at Full Height, Bucket at 45 deg.	768 mm (30.2 in.)	849 mm (33.4 in.)	763 mm (30 in.)	
U	Digging Depth Below Ground, Bucket Level	157 mm (6.2 in.)	157 mm (6.2 in.)	141 mm (5.5 in.)	
۷	Length From Front Axle Centerline to Bucket	2.14 m (7 ft. 0 in.)	2.26 m (7 ft. 5 in.)	2.11 m (6 ft. 11 in.)	
_	Cutting Edge				

#### Lift Capacity With Quick-Coupler Forks [see line art below] Hydraulic Capacity 1219-mm (48 in.) Tines A<sup>I</sup> Maximum Height 2632 kg (5,803 lb.)

BI Maximum Reach

- CI At Ground Line D Below Ground Line



4378 kg (9,651 lb.)

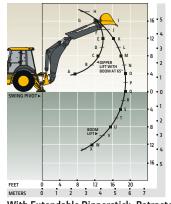
6057 kg (13,353 lb.)

#### Lift Capacities [see line art at right]

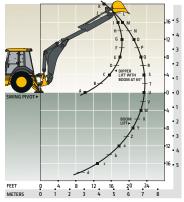
## Lift capacities are over-end values in kg (lb.). Figures listed are 100% of the maximum lift force available.

B       5244 kg (11,561 lb.)       5506 kg (12,140 lb.)       5109 kg (11,262 lb.)       5290 kg (11,662 lb.)       3397 kg (7,488 lb.)       3685 kg (8,123         C       4492 kg (9,903 lb.)       4732 kg (10,432 lb.)       4344 kg (9,578 lb.)       4520 kg (9,965 lb.)       2914 kg (6,425 lb.)       3165 kg (6,977         D       4087 kg (9,010 lb.)       4419 kg (9,743 lb.)       3932 kg (8,669 lb.)       4229 kg (9,323 lb.)       2659 kg (5,862 lb.)       2898 kg (5,371         E       3718 kg (8,197 lb.)       4022 kg (8,866 lb.)       3557 kg (7,843 lb.)       3860 kg (8,101 lb.)       2479 kg (5,466 lb.)       2527 kg (5,577         G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       3313 kg (7,304 lb.)       2316 kg (4,741 lb.)       2355 kg (5,192         H       2500 kg (5,571 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       1744 kg (4,311 lb.)       2555 kg (5,192         J       2572 kg (5,670 lb.)       2201 kg (5,073 lb.)       2508 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2360 kg (5,700 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,121 lb.)       2561 kg (5,473 lb.)       2300 kg (5,707 lb.)       1252 kg (4,804				With 1.37-m (4 ft. 6 in.)		With 1.37-m (4 ft. 6 in.)		
A       9519 kg (20,986 lb.)       9519 kg (20,986 lb.)       9343 kg (20,597 lb.)       9434 kg (20,597 lb.)       5431 kg (11,973 lb.)       5878 kg (12,955         B       5244 kg (11,561 lb.)       5506 kg (12,140 lb.)       5109 kg (11,262 lb.)       5290 kg (11,662 lb.)       3397 kg (7,488 lb.)       3665 kg (8,223         C       4492 kg (9,903 lb.)       4732 kg (10,432 lb.)       4344 kg (9,578 lb.)       4220 kg (9,9323 lb.)       2659 kg (5,862 lb.)       2889 kg (6,377         D       4087 kg (9,010 lb.)       4419 kg (9,743 lb.)       3932 kg (8,669 lb.)       4229 kg (9,323 lb.)       2659 kg (5,862 lb.)       2898 kg (6,377         E       3718 kg (8,197 lb.)       4002 kg (8,866 lb.)       3557 kg (7,843 lb.)       3860 kg (8,510 lb.)       2479 kg (5,662 lb.)       2952 kg (5,572         G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       2164 kg (4,771 lb.)       2355 kg (5,391         J       2572 kg (5,570 lb.)       2805 kg (6,184 lb.)       234 kg (5,771 lb.)       2581 kg (5,501 lb.)       1776 kg (3,294         K       2465 kg (5,434 lb.)       2697 kg (5,997 klb.)       2301 kg (5,270 lb.)       1875 kg (4,355         J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,520 lb.)       1719 kg (3,294         L		With Standard Dipp	erstick	Extendable Dippers	Extendable Dipperstick, Retracted		Extendable Dipperstick, Extended	
B       5244 kg (11,561 lb.)       5506 kg (12,140 lb.)       5109 kg (11,262 lb.)       5290 kg (11,662 lb.)       3397 kg (7,488 lb.)       3685 kg (8,123         C       4492 kg (9,903 lb.)       4732 kg (10,432 lb.)       4344 kg (9,578 lb.)       4520 kg (9,965 lb.)       2914 kg (6,425 lb.)       3165 kg (6,977         D       4087 kg (9,010 lb.)       4419 kg (9,743 lb.)       3932 kg (8,669 lb.)       4229 kg (9,323 lb.)       2659 kg (5,862 lb.)       2898 kg (5,371         E       3718 kg (8,197 lb.)       4022 kg (8,866 lb.)       3557 kg (7,843 lb.)       3860 kg (8,101 lb.)       2479 kg (5,466 lb.)       2527 kg (5,577         G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       3313 kg (7,304 lb.)       2316 kg (4,741 lb.)       2355 kg (5,192         H       2500 kg (5,571 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       1744 kg (4,311 lb.)       2555 kg (5,192         J       2572 kg (5,670 lb.)       2201 kg (5,073 lb.)       2508 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2360 kg (5,700 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,121 lb.)       2561 kg (5,473 lb.)       2300 kg (5,707 lb.)       1252 kg (4,804		Standard Lift	Lift Mode	Standard Lift	Lift Mode	Standard Lift	Lift Mode	
C       4492 kg (9,903 lb.)       4732 kg (10,432 lb.)       4344 kg (9,578 lb.)       4520 kg (9,965 lb.)       2914 kg (6,425 lb.)       3165 kg (6,977         D       4087 kg (9,010 lb.)       4419 kg (9,743 lb.)       3932 kg (8,669 lb.)       4229 kg (9,323 lb.)       2659 kg (5,862 lb.)       2889 kg (6,37)         E       3718 kg (8,197 lb.)       4022 kg (8,866 lb.)       3557 kg (7,843 lb.)       3860 kg (8,510 lb.)       2479 kg (5,466 lb.)       2695 kg (5,572         G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       2164 kg (4,771 lb.)       2355 kg (5,192         H       2500 kg (5,512 lb.)       2717 kg (5,590 lb.)       2291 kg (5,073 lb.)       2508 kg (5,590 lb.)       1716 kg (3,234         K       2465 kg (5,671 lb.)       2805 kg (6,194 lb.)       2314 kg (5,073 lb.)       2536 kg (5,590 lb.)       1716 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,974 lb.)       2301 kg (5,073 lb.)       2538 kg (5,590 lb.)       1340 kg (2,954 lb.)       1875 kg (4,104         N       2231 kg (5,105 lb.)       2766 kg (6,099 lb.)       2007 kg (4,474 lb.)       2381 kg (5,250 lb.)       1679 kg (3,601 lb.)       1798 kg (3,944         L       2391 kg (5,271 lb.)       2620 kg (5,776 lb.)       2152 kg (4,744 lb.)       2381 kg (5,250 lb.) <td< th=""><th>Α</th><th>9519 kg (20,986 lb.)</th><th>9519 kg (20,986 lb.)</th><th>9343 kg (20,597 lb.)</th><th>9343 kg (20,597 lb.)</th><th>5431 kg (11,973 lb.)</th><th>5878 kg (12,958 lb.)</th></td<>	Α	9519 kg (20,986 lb.)	9519 kg (20,986 lb.)	9343 kg (20,597 lb.)	9343 kg (20,597 lb.)	5431 kg (11,973 lb.)	5878 kg (12,958 lb.)	
D       4087 kg (9,010 lb.)       4419 kg (9,743 lb.)       3932 kg (8,669 lb.)       4229 kg (9,323 lb.)       2659 kg (5,862 lb.)       2889 kg (6,377         E       3718 kg (8,197 lb.)       4022 kg (8,866 lb.)       3557 kg (7,843 lb.)       3860 kg (8,510 lb.)       2479 kg (5,466 lb.)       2659 kg (5,944         F       3219 kg (7,096 lb.)       3483 kg (7,679 lb.)       3050 kg (6,724 lb.)       3313 kg (7,304 lb.)       2324 kg (5,123 lb.)       2527 kg (5,572         G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       2164 kg (4,771 lb.)       2355 kg (5,192         H       2500 kg (5,512 lb.)       2717 kg (5,990 lb.)       2291 kg (5,051 lb.)       2508 kg (5,591 lb.)       1719 kg (3,790 lb.)       1875 kg (4,355         J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,073 lb.)       2536 kg (5,590 lb.)       1340 kg (2,954 lb.)       1875 kg (4,363         Z       2465 kg (5,434 lb.)       2697 kg (5,977 lb.)       2230 kg (4,916 lb.)       2462 kg (5,428 lb.)       1625 kg (3,714 lb.)       1875 kg (4,004         N       2243 kg (4,945 lb.)       2604 kg (5,433 lb.)       1999 kg (4,407 lb.)       2300 kg (5,070 lb.)       1858 kg (4,104         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)	В	5244 kg (11,561 lb.)	5506 kg (12,140 lb.)	5109 kg (11,262 lb.)	5290 kg (11,662 lb.)	3397 kg (7,488 lb.)	3685 kg (8,123 lb.)	
E       3718 kg (8,197 lb.)       4022 kg (8,866 lb.)       3557 kg (7,843 lb.)       3860 kg (8,510 lb.)       2479 kg (5,466 lb.)       2695 kg (5,947         F       3219 kg (7,096 lb.)       3483 kg (7,679 lb.)       3050 kg (6,724 lb.)       3313 kg (7,304 lb.)       2324 kg (5,123 lb.)       2527 kg (5,572         G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       2164 kg (4,771 lb.)       2355 kg (5,192         H       2500 kg (5,512 lb.)       2717 kg (5,990 lb.)       2291 kg (5,052 lb.)       2508 kg (5,530 lb.)       1974 kg (4,351 lb.)       2150 kg (4,740         I       2572 kg (5,670 lb.)       2805 kg (6,184 lb.)       2348 kg (5,177 lb.)       2581 kg (5,691 lb.)       1719 kg (3,790 lb.)       1875 kg (4,135         J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,073 lb.)       2536 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2381 kg (5,250 lb.)       1679 kg (3,701 lb.)       1852 kg (4,084         M       2316 kg (5,105 lb.)       2541 kg (5,602 lb.)       2074 kg (4,573 lb.)       2300 kg (5,070 lb.)       1685 kg (3,714 lb.)       1882 kg (4,074         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)	С	4492 kg (9,903 lb.)	4732 kg (10,432 lb.)	4344 kg (9,578 lb.)	4520 kg (9,965 lb.)	2914 kg (6,425 lb.)	3165 kg (6,977 lb.)	
F       3219 kg (7,096 lb.)       3483 kg (7,679 lb.)       3050 kg (6,724 lb.)       3313 kg (7,304 lb.)       2324 kg (5,123 lb.)       2527 kg (5,572         G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       2164 kg (4,771 lb.)       2355 kg (5,192         H       2500 kg (5,512 lb.)       2717 kg (5,990 lb.)       2291 kg (5,052 lb.)       2508 kg (5,530 lb.)       1974 kg (4,351 lb.)       2150 kg (4,740         I       2572 kg (5,670 lb.)       2805 kg (6,184 lb.)       2348 kg (5,177 lb.)       2581 kg (5,691 lb.)       1719 kg (3,790 lb.)       1875 kg (4,135         J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,073 lb.)       2536 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2215 kg (4,744 lb.)       2381 kg (5,250 lb.)       1679 kg (3,701 lb.)       1852 kg (4,004         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)       2200 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,077         O       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,728 lb.)       1669 kg (3,680 lb.)       1848 kg (4,077         O       2173 kg (4,591 lb.)       2391 kg (5,271 lb.)	D	4087 kg (9,010 lb.)	4419 kg (9,743 lb.)	3932 kg (8,669 lb.)	4229 kg (9,323 lb.)	2659 kg (5,862 lb.)	2889 kg (6,370 lb.)	
G       2304 kg (5,079 lb.)       2497 kg (5,505 lb.)       2122 kg (4,679 lb.)       2314 kg (5,102 lb.)       2164 kg (4,771 lb.)       2355 kg (5,192         H       2500 kg (5,512 lb.)       2717 kg (5,990 lb.)       2291 kg (5,052 lb.)       2508 kg (5,530 lb.)       1974 kg (4,351 lb.)       2150 kg (4,740         I       2572 kg (5,670 lb.)       2805 kg (6,184 lb.)       2348 kg (5,177 lb.)       2581 kg (5,691 lb.)       1719 kg (3,790 lb.)       1875 kg (4,135         J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,073 lb.)       2536 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2462 kg (5,428 lb.)       1625 kg (3,583 lb.)       1789 kg (3,944         L       2391 kg (5,105 lb.)       2541 kg (5,602 lb.)       2074 kg (4,573 lb.)       2300 kg (5,070 lb.)       1685 kg (3,714 lb.)       1852 kg (4,004         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)       2220 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,077         Q       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,270 lb.)       1644 kg (3,624 lb.)       1822 kg (4,007         Q       2045 kg (4,646 lb.)       2213 kg (5,118 lb.)	Е	3718 kg (8,197 lb.)	4022 kg (8,866 lb.)	3557 kg (7,843 lb.)	3860 kg (8,510 lb.)	2479 kg (5,466 lb.)	2695 kg (5,942 lb.)	
H       2500 kg (5,512 lb.)       2717 kg (5,990 lb.)       2291 kg (5,052 lb.)       2508 kg (5,530 lb.)       1974 kg (4,351 lb.)       2150 kg (4,740         I       2572 kg (5,670 lb.)       2805 kg (6,184 lb.)       2348 kg (5,177 lb.)       2581 kg (5,691 lb.)       1719 kg (3,790 lb.)       1875 kg (4,135         J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,073 lb.)       2536 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2462 kg (5,428 lb.)       1625 kg (3,583 lb.)       1789 kg (3,944         L       2391 kg (5,271 lb.)       2620 kg (5,766 lb.)       2152 kg (4,744 lb.)       2381 kg (5,250 lb.)       1679 kg (3,701 lb.)       1852 kg (4,008         M       2316 kg (5,105 lb.)       2541 kg (5,602 lb.)       2074 kg (4,573 lb.)       2300 kg (5,070 lb.)       1685 kg (3,714 lb.)       1852 kg (4,004         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)       2220 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,077         Q       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,295 lb.)       1644 kg (3,624 lb.)       1822 kg (4,007         Q       2045 kg (4,664 lb.)       2215 kg (4,840 lb.)	F	3219 kg (7,096 lb.)	3483 kg (7,679 lb.)	3050 kg (6,724 lb.)	3313 kg (7,304 lb.)	2324 kg (5,123 lb.)	2527 kg (5,572 lb.)	
I       2572 kg (5,670 lb.)       2805 kg (6,184 lb.)       2348 kg (5,177 lb.)       2581 kg (5,691 lb.)       1719 kg (3,790 lb.)       1875 kg (4,135         J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,073 lb.)       2536 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2462 kg (5,428 lb.)       1625 kg (3,583 lb.)       1789 kg (3,944         L       2391 kg (5,271 lb.)       2620 kg (5,776 lb.)       2152 kg (4,744 lb.)       2381 kg (5,250 lb.)       1679 kg (3,701 lb.)       1852 kg (4,043         M       2243 kg (4,945 lb.)       2464 kg (5,633 lb.)       1999 kg (4,407 lb.)       2200 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,077         O       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,728 lb.)       1644 kg (3,624 lb.)       1822 kg (4,017         P       2107 kg (4,646 lb.)       2321 kg (5,118 lb.)       1859 kg (4,098 lb.)       2073 kg (4,570 lb.)       1613 kg (3,556 lb.)       1791 kg (3,947         Q       2045 kg (4,509 lb.)       2256 kg (4,974 lb.)       1794 kg (3,823 lb.)       1942 kg (4,282 lb.)       1514 kg (3,624 lb.)       1791 kg (3,947         Q       2045 kg (4,638 lb.)       2139 kg (4,716 lb.)	G	2304 kg (5,079 lb.)	2497 kg (5,505 lb.)	2122 kg (4,679 lb.)	2314 kg (5,102 lb.)	2164 kg (4,771 lb.)	2355 kg (5,192 lb.)	
J       2532 kg (5,581 lb.)       2766 kg (6,099 lb.)       2301 kg (5,073 lb.)       2536 kg (5,590 lb.)       1340 kg (2,954 lb.)       1467 kg (3,234         K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2462 kg (5,428 lb.)       1625 kg (3,583 lb.)       1789 kg (3,944         L       2391 kg (5,271 lb.)       2620 kg (5,776 lb.)       2152 kg (4,744 lb.)       2381 kg (5,250 lb.)       1679 kg (3,701 lb.)       1852 kg (4,043         M       2316 kg (5,105 lb.)       2541 kg (5,602 lb.)       2074 kg (4,573 lb.)       2300 kg (5,070 lb.)       1685 kg (3,714 lb.)       1862 kg (4,043         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)       2220 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,077         O       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,728 lb.)       1644 kg (3,624 lb.)       1822 kg (4,017         P       2107 kg (4,646 lb.)       2321 kg (5,118 lb.)       1859 kg (4,098 lb.)       2073 kg (4,570 lb.)       1613 kg (3,556 lb.)       1791 kg (3,947         Q       2045 kg (4,509 lb.)       2256 kg (4,974 lb.)       1794 kg (3,956 lb.)       2005 kg (4,421 lb.)       1579 kg (3,482 lb.)       1756 kg (3,872         R       1987 kg (4,381 lb.)       2195 kg (4,840 lb.)	Н	2500 kg (5,512 lb.)	2717 kg (5,990 lb.)	2291 kg (5,052 lb.)	2508 kg (5,530 lb.)	1974 kg (4,351 lb.)	2150 kg (4,740 lb.)	
K       2465 kg (5,434 lb.)       2697 kg (5,947 lb.)       2230 kg (4,916 lb.)       2462 kg (5,428 lb.)       1625 kg (3,583 lb.)       1789 kg (3,944         L       2391 kg (5,271 lb.)       2620 kg (5,776 lb.)       2152 kg (4,744 lb.)       2381 kg (5,250 lb.)       1679 kg (3,701 lb.)       1852 kg (4,043         M       2316 kg (5,105 lb.)       2541 kg (5,602 lb.)       2074 kg (4,573 lb.)       2300 kg (5,070 lb.)       1685 kg (3,714 lb.)       1862 kg (4,047         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)       2220 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,073         O       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,728 lb.)       1644 kg (3,624 lb.)       1822 kg (4,017         P       2107 kg (4,646 lb.)       2321 kg (5,118 lb.)       1859 kg (4,098 lb.)       2073 kg (4,570 lb.)       1613 kg (3,556 lb.)       1791 kg (3,947         Q       2045 kg (4,509 lb.)       2256 kg (4,974 lb.)       1794 kg (3,823 lb.)       1942 kg (4,228 lb.)       1578 kg (3,406 lb.)       1721 kg (3,793         S       1937 kg (4,263 lb.)       2139 kg (4,716 lb.)       1678 kg (3,698 lb.)       1883 kg (4,152 lb.)       1511 kg (3,331 lb.)       1685 kg (3,715         T       1884 kg (4,154 lb.)       2088 kg (4,604 lb.)	1	2572 kg (5,670 lb.)	2805 kg (6,184 lb.)	2348 kg (5,177 lb.)			1875 kg (4,135 lb.)	
L       2391 kg (5,271 lb.)       2620 kg (5,776 lb.)       2152 kg (4,744 lb.)       2381 kg (5,250 lb.)       1679 kg (3,701 lb.)       1852 kg (4,083         M       2316 kg (5,105 lb.)       2541 kg (5,602 lb.)       2074 kg (4,573 lb.)       2300 kg (5,070 lb.)       1685 kg (3,714 lb.)       1862 kg (4,104         N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)       2220 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,077         O       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,728 lb.)       1644 kg (3,624 lb.)       1822 kg (4,017         P       2107 kg (4,664 lb.)       2321 kg (5,118 lb.)       1859 kg (4,098 lb.)       2073 kg (4,570 lb.)       1613 kg (3,556 lb.)       1791 kg (3,947         Q       2045 kg (4,509 lb.)       2256 kg (4,974 lb.)       1794 kg (3,823 lb.)       2005 kg (4,212 lb.)       1579 kg (3,482 lb.)       1756 kg (3,872         R       1987 kg (4,381 lb.)       2195 kg (4,840 lb.)       1734 kg (3,698 lb.)       1942 kg (4,282 lb.)       1545 kg (3,406 lb.)       1721 kg (3,793         S       1934 kg (4,263 lb.)       2018 kg (4,604 lb.)       1625 kg (3,583 lb.)       1883 kg (4,152 lb.)       1511 kg (3,331 lb.)       1685 kg (3,715         T       1884 kg (4,154 lb.)       2008 kg (4,604 lb.)			<b>J</b> ( )	2301 kg (5,073 lb.)	2536 kg (5,590 lb.)	1340 kg (2,954 lb.)	1467 kg (3,234 lb.)	
M       2316 kg       (5,105 lb.)       2541 kg       (5,602 lb.)       2074 kg       (4,573 lb.)       2300 kg       (5,070 lb.)       1685 kg       (3,714 lb.)       1862 kg       (4,047         N       2243 kg       (4,945 lb.)       2464 kg       (5,433 lb.)       1999 kg       (4,407 lb.)       2220 kg       (4,895 lb.)       1669 kg       (3,680 lb.)       1848 kg       (4,077         O       2173 kg       (4,791 lb.)       2391 kg       (5,271 lb.)       1927 kg       (4,248 lb.)       2145 kg       (4,728 lb.)       1644 kg       (3,624 lb.)       1822 kg       (4,017         P       2107 kg       (4,646 lb.)       2321 kg       (5,118 lb.)       1859 kg       (4,098 lb.)       2073 kg       (4,570 lb.)       1613 kg       (3,526 lb.)       1791 kg       (3,947         Q       2045 kg       (4,509 lb.)       2256 kg       (4,974 lb.)       1794 kg       (3,956 lb.)       2005 kg       (4,212 lb.)       1579 kg       (3,482 lb.)       1756 kg       (3,872         R       1987 kg       (4,381 lb.)       2195 kg       (4,840 lb.)       1734 kg       (3,823 lb.)       1843 kg       (4,154 lb.)       2088 kg       (4,016 lb.)       1678 kg       (3,698 lb.)       1883 kg       (4,152 lb.)	Κ	2465 kg (5,434 lb.)	2697 kg (5,947 lb.)	2230 kg (4,916 lb.)	2462 kg (5,428 lb.)	1625 kg (3,583 lb.)	1789 kg (3,944 lb.)	
N       2243 kg (4,945 lb.)       2464 kg (5,433 lb.)       1999 kg (4,407 lb.)       2220 kg (4,895 lb.)       1669 kg (3,680 lb.)       1848 kg (4,07.         O       2173 kg (4,791 lb.)       2391 kg (5,271 lb.)       1927 kg (4,248 lb.)       2145 kg (4,728 lb.)       1644 kg (3,624 lb.)       1822 kg (4,017         P       2107 kg (4,646 lb.)       2321 kg (5,118 lb.)       1859 kg (4,098 lb.)       2073 kg (4,570 lb.)       1613 kg (3,556 lb.)       1791 kg (3,947         Q       2045 kg (4,509 lb.)       2256 kg (4,974 lb.)       1794 kg (3,956 lb.)       2005 kg (4,421 lb.)       1579 kg (3,482 lb.)       1756 kg (3,872         R       1987 kg (4,381 lb.)       2195 kg (4,840 lb.)       1734 kg (3,823 lb.)       1942 kg (4,282 lb.)       1545 kg (3,406 lb.)       1721 kg (3,793         S       1934 kg (4,263 lb.)       2139 kg (4,716 lb.)       1678 kg (3,698 lb.)       1883 kg (4,152 lb.)       1511 kg (3,331 lb.)       1685 kg (3,715         T       1884 kg (4,154 lb.)       2088 kg (4,604 lb.)       1625 kg (3,583 lb.)       1829 kg (4,033 lb.)       1477 kg (3,257 lb.)       1650 kg (3,639         U       1841 kg (4,058 lb.)       2004 kg (4,506 lb.)       1578 kg (3,479 lb.)       1781 kg (3,927 lb.)       144 kg (3,117 lb.)       1585 kg (3,499         U       1841 kg (3,0371 lb.)       1995 kg (4,397 lb.)	L	2391 kg (5,271 lb.)	2620 kg (5,776 lb.)	2152 kg (4,744 lb.)	2381 kg (5,250 lb.)	1679 kg (3,701 lb.)	1852 kg (4,083 lb.)	
O         2173 kg (4,791 lb.)         2391 kg (5,271 lb.)         1927 kg (4,248 lb.)         2145 kg (4,728 lb.)         1644 kg (3,624 lb.)         1822 kg (4,017           P         2107 kg (4,646 lb.)         2321 kg (5,118 lb.)         1859 kg (4,098 lb.)         2073 kg (4,570 lb.)         1613 kg (3,556 lb.)         1791 kg (3,947           Q         2045 kg (4,509 lb.)         2256 kg (4,974 lb.)         1794 kg (3,956 lb.)         2005 kg (4,211 lb.)         1579 kg (3,482 lb.)         1756 kg (3,872           R         1987 kg (4,381 lb.)         2195 kg (4,840 lb.)         1734 kg (3,823 lb.)         1942 kg (4,282 lb.)         1545 kg (3,406 lb.)         1721 kg (3,793           S         1934 kg (4,263 lb.)         2139 kg (4,716 lb.)         1678 kg (3,698 lb.)         1883 kg (4,152 lb.)         1511 kg (3,331 lb.)         1685 kg (3,715           T         1884 kg (4,154 lb.)         2008 kg (4,604 lb.)         1625 kg (3,583 lb.)         1829 kg (4,033 lb.)         1477 kg (3,257 lb.)         1650 kg (3,639           U         1841 kg (4,058 lb.)         2004 kg (4,506 lb.)         1578 kg (3,479 lb.)         1781 kg (3,927 lb.)         1445 kg (3,185 lb.)         1617 kg (3,565           V         1805 kg (3,979 lb.)         2009 kg (4,429 lb.)         1537 kg (3,388 lb.)         1741 kg (3,838 lb.)         1414 kg (3,117 lb.)         1585 kg (3,499	Μ	2316 kg (5,105 lb.)	2541 kg (5,602 lb.)	2074 kg (4,573 lb.)	2300 kg (5,070 lb.)	1685 kg (3,714 lb.)	1862 kg (4,104 lb.)	
P       2107 kg (4,646 lb.)       2321 kg (5,118 lb.)       1859 kg (4,098 lb.)       2073 kg (4,570 lb.)       1613 kg (3,556 lb.)       1791 kg (3,947         Q       2045 kg (4,509 lb.)       2256 kg (4,974 lb.)       1794 kg (3,956 lb.)       2005 kg (4,421 lb.)       1579 kg (3,482 lb.)       1756 kg (3,872         R       1987 kg (4,381 lb.)       2195 kg (4,840 lb.)       1734 kg (3,823 lb.)       1942 kg (4,282 lb.)       1545 kg (3,406 lb.)       1721 kg (3,793         S       1934 kg (4,263 lb.)       2139 kg (4,716 lb.)       1678 kg (3,698 lb.)       1883 kg (4,152 lb.)       1511 kg (3,331 lb.)       1685 kg (3,715         T       1884 kg (4,154 lb.)       2088 kg (4,604 lb.)       1625 kg (3,583 lb.)       1829 kg (4,033 lb.)       1477 kg (3,257 lb.)       1650 kg (3,639         U       1841 kg (4,058 lb.)       2004 kg (4,506 lb.)       1578 kg (3,479 lb.)       1781 kg (3,927 lb.)       1445 kg (3,185 lb.)       1617 kg (3,565         V       1805 kg (3,979 lb.)       2009 kg (4,429 lb.)       1537 kg (3,388 lb.)       1741 kg (3,838 lb.)       1414 kg (3,117 lb.)       1585 kg (3,499         W       1786 kg (3,937 lb.)       1995 kg (4,397 lb.)       1509 kg (3,327 lb.)       1718 kg (3,799 lb.)       1385 kg (2,995 lb.)       1529 kg (3,370         Y       -       -       -       1335 kg (2,943 lb.)	Ν	<b>3</b>	<b>J</b>		<b>J</b> .		1848 kg (4,073 lb.)	
Q       2045 kg (4,509 lb.)       2256 kg (4,974 lb.)       1794 kg (3,956 lb.)       2005 kg (4,421 lb.)       1579 kg (3,482 lb.)       1756 kg (3,872         R       1987 kg (4,381 lb.)       2195 kg (4,840 lb.)       1734 kg (3,823 lb.)       1942 kg (4,282 lb.)       1545 kg (3,406 lb.)       1721 kg (3,793         S       1934 kg (4,263 lb.)       2139 kg (4,716 lb.)       1678 kg (3,698 lb.)       1883 kg (4,152 lb.)       1511 kg (3,331 lb.)       1685 kg (3,715         T       1884 kg (4,154 lb.)       2088 kg (4,604 lb.)       1625 kg (3,583 lb.)       1829 kg (4,033 lb.)       1477 kg (3,257 lb.)       1650 kg (3,639         U       1841 kg (4,058 lb.)       2044 kg (4,506 lb.)       1578 kg (3,479 lb.)       1781 kg (3,927 lb.)       1445 kg (3,185 lb.)       1617 kg (3,565         V       1805 kg (3,979 lb.)       2009 kg (4,429 lb.)       1537 kg (3,388 lb.)       1741 kg (3,838 lb.)       1414 kg (3,117 lb.)       1585 kg (3,499         W       1786 kg (3,937 lb.)       1995 kg (4,397 lb.)       1509 kg (3,327 lb.)       1718 kg (3,787 lb.)       1385 kg (3,054 lb.)       1556 kg (3,370         Y       -       -       -       1335 kg (2,943 lb.)       1505 kg (3,381       1505 kg (3,381	0	<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b> · · ·	1644 kg (3,624 lb.)	1822 kg (4,017 lb.)	
R       1987 kg (4,381 lb.)       2195 kg (4,840 lb.)       1734 kg (3,823 lb.)       1942 kg (4,282 lb.)       1545 kg (3,406 lb.)       1721 kg (3,793         S       1934 kg (4,263 lb.)       2139 kg (4,716 lb.)       1678 kg (3,698 lb.)       1883 kg (4,152 lb.)       1511 kg (3,331 lb.)       1685 kg (3,715         T       1884 kg (4,154 lb.)       2088 kg (4,604 lb.)       1625 kg (3,583 lb.)       1829 kg (4,033 lb.)       1477 kg (3,257 lb.)       1650 kg (3,639         U       1841 kg (4,058 lb.)       2044 kg (4,506 lb.)       1578 kg (3,479 lb.)       1781 kg (3,927 lb.)       1445 kg (3,185 lb.)       1617 kg (3,565         V       1805 kg (3,979 lb.)       2009 kg (4,429 lb.)       1537 kg (3,388 lb.)       1741 kg (3,838 lb.)       1414 kg (3,117 lb.)       1585 kg (3,499         W       1786 kg (3,937 lb.)       1995 kg (4,397 lb.)       1509 kg (3,327 lb.)       1718 kg (3,787 lb.)       1385 kg (3,054 lb.)       1556 kg (3,429         X       1794 kg (3,954 lb.)       2009 kg (4,429 lb.)       1508 kg (3,325 lb.)       1723 kg (3,799 lb.)       1359 kg (2,995 lb.)       1529 kg (3,370         Y       -       -       -       1335 kg (2,943 lb.)       1505 kg (3,318		<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b>	1791 kg (3,947 lb.)	
S       1934 kg (4,263 lb.)       2139 kg (4,716 lb.)       1678 kg (3,698 lb.)       1883 kg (4,152 lb.)       1511 kg (3,331 lb.)       1685 kg (3,715         T       1884 kg (4,154 lb.)       2088 kg (4,604 lb.)       1625 kg (3,583 lb.)       1829 kg (4,033 lb.)       1477 kg (3,257 lb.)       1650 kg (3,639         U       1841 kg (4,058 lb.)       2044 kg (4,506 lb.)       1578 kg (3,479 lb.)       1781 kg (3,927 lb.)       1445 kg (3,185 lb.)       1617 kg (3,565         V       1805 kg (3,979 lb.)       2009 kg (4,429 lb.)       1537 kg (3,388 lb.)       1741 kg (3,838 lb.)       1414 kg (3,117 lb.)       1585 kg (3,499         W       1786 kg (3,937 lb.)       1995 kg (4,397 lb.)       1509 kg (3,327 lb.)       1718 kg (3,787 lb.)       1385 kg (3,054 lb.)       1556 kg (3,370         Y       -       -       -       1335 kg (2,993 lb.)       1505 kg (3,318       1505 kg (3,318         Y       -       -       -       1335 kg (2,943 lb.)       1505 kg (3,318	Q	<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b> · · ·	<b>J</b> · · ·	1756 kg (3,872 lb.)	
T       1884 kg (4,154 lb.)       2088 kg (4,604 lb.)       1625 kg (3,583 lb.)       1829 kg (4,033 lb.)       1477 kg (3,257 lb.)       1650 kg (3,639         U       1841 kg (4,058 lb.)       2044 kg (4,506 lb.)       1578 kg (3,479 lb.)       1781 kg (3,927 lb.)       1445 kg (3,185 lb.)       1617 kg (3,565         V       1805 kg (3,979 lb.)       2009 kg (4,429 lb.)       1537 kg (3,388 lb.)       1741 kg (3,838 lb.)       1414 kg (3,117 lb.)       1585 kg (3,499         W       1786 kg (3,937 lb.)       1995 kg (4,397 lb.)       1509 kg (3,327 lb.)       1718 kg (3,787 lb.)       1385 kg (3,054 lb.)       1556 kg (3,429         X       1794 kg (3,954 lb.)       2009 kg (4,429 lb.)       1508 kg (3,325 lb.)       1723 kg (3,799 lb.)       1359 kg (2,995 lb.)       1529 kg (3,370         Y       -       -       -       1335 kg (2,943 lb.)       1505 kg (3,318		<b>J</b> .	<b>J</b> • • •	<b>J</b>	<b>J</b> · · ·	<b>J</b> · · ·	1721 kg (3,793 lb.)	
U         1841 kg (4,058 lb.)         2044 kg (4,506 lb.)         1578 kg (3,479 lb.)         1781 kg (3,927 lb.)         1445 kg (3,185 lb.)         1617 kg (3,565           V         1805 kg (3,979 lb.)         2009 kg (4,429 lb.)         1537 kg (3,388 lb.)         1741 kg (3,838 lb.)         1414 kg (3,117 lb.)         1585 kg (3,499 lb.)           W         1786 kg (3,937 lb.)         1995 kg (4,397 lb.)         1509 kg (3,327 lb.)         1718 kg (3,787 lb.)         1385 kg (3,054 lb.)         1556 kg (3,370 lb.)           X         1794 kg (3,954 lb.)         2009 kg (4,429 lb.)         1508 kg (3,325 lb.)         1718 kg (3,799 lb.)         1385 kg (2,995 lb.)         1529 kg (3,370 lb.)           Y         -         -         -         1335 kg (2,943 lb.)         1505 kg (3,318	S	1934 kg (4,263 lb.)	2139 kg (4,716 lb.)	1678 kg (3,698 lb.)	1883 kg (4,152 lb.)	1511 kg (3,331 lb.)	1685 kg (3,715 lb.)	
V         1805 kg (3,979 lb.)         2009 kg (4,429 lb.)         1537 kg (3,388 lb.)         1741 kg (3,838 lb.)         1414 kg (3,117 lb.)         1585 kg (3,495           W         1786 kg (3,937 lb.)         1995 kg (4,397 lb.)         1509 kg (3,327 lb.)         1718 kg (3,787 lb.)         1385 kg (3,054 lb.)         1556 kg (3,429           X         1794 kg (3,954 lb.)         2009 kg (4,429 lb.)         1508 kg (3,325 lb.)         1723 kg (3,799 lb.)         1359 kg (2,995 lb.)         1529 kg (3,370           Y         -         -         -         1335 kg (2,943 lb.)         1505 kg (3,318	Т	1884 kg (4,154 lb.)	2088 kg (4,604 lb.)	1625 kg (3,583 lb.)	1829 kg (4,033 lb.)	1477 kg (3,257 lb.)	1650 kg (3,639 lb.)	
W         1786 kg (3,937 lb.)         1995 kg (4,397 lb.)         1509 kg (3,327 lb.)         1718 kg (3,787 lb.)         1385 kg (3,054 lb.)         1556 kg (3,429 lb.)           X         1794 kg (3,954 lb.)         2009 kg (4,429 lb.)         1508 kg (3,325 lb.)         1723 kg (3,799 lb.)         1359 kg (2,995 lb.)         1529 kg (3,370 lb.)           Y         -         -         -         1335 kg (2,943 lb.)         1505 kg (3,318 lb.)	U	1841 kg (4,058 lb.)	2044 kg (4,506 lb.)	1578 kg (3,479 lb.)	1781 kg (3,927 lb.)	1445 kg (3,185 lb.)	1617 kg (3,565 lb.)	
X 1794 kg (3,954 lb.) 2009 kg (4,429 lb.) 1508 kg (3,325 lb.) 1723 kg (3,799 lb.) 1359 kg (2,995 lb.) 1529 kg (3,370 Y 1335 kg (2,943 lb.) 1505 kg (3,318					2		1585 kg (3,495 lb.)	
Y – – – 1335 kg (2,943 lb.) 1505 kg (3,318	W	1786 kg (3,937 lb.)	1995 kg (4,397 lb.)	1509 kg (3,327 lb.)	1718 kg (3,787 lb.)	1385 kg (3,054 lb.)	1556 kg (3,429 lb.)	
	Х	1794 kg (3,954 lb.)	2009 kg (4,429 lb.)	1508 kg (3,325 lb.)	1723 kg (3,799 lb.)	1359 kg (2,995 lb.)	1529 kg (3,370 lb.)	
	Υ	-	-	-	-	1335 kg (2,943 lb.)	1505 kg (3,318 lb.)	
$\mathbf{z}$	Ζ	-	-	-	-	1316 kg (2,900 lb.)	1486 kg (3,277 lb.)	
<b>a</b> — — — — — — — — — — — — — — — — — — —	а	-	-	-	-	1302 kg (2,871 lb.)	1475 kg (3,251 lb.)	
<b>b</b> – – – – 1299 kg (2,865 lb.) 1476 kg (3,253	b	-	-	-	-	1299 kg (2,865 lb.)	1476 kg (3,253 lb.)	
			-	-	-	1322 kg (2,914 lb.)	1506 kg (3,321 lb.)	
<b>d</b> — — — 1453 kg (3,202 lb.) 1666 kg (3,673	-		-	-	-	1453 kg (3,202 lb.)	1666 kg (3,673 lb.)	

With Standard Dipperstick



With Extendable Dipperstick, Retracted



Lift capacities are over end with stabilizers down and tires tangent to ground.

With Extendable Dipperstick, Extended

# Additional equipment

### 710 P Engine

- Coolant recovery tank with low-level indicator
- Foldout, hinged cooling system
- Serpentine belt with automatic belt tensioner
- Electronically controlled, variable-rate suction-type cooling fan
- Self-cleaning exhaust aftertreatment system
- ▲ Chrome exhaust extension
- Glow plugs
- 1,000-watt electric engine coolant heater
- Electronic fuel lift pump
   Powertrain
- PowerShift<sup>™</sup> transmission: Torque converter with twist-grip Transmission Control Lever (TCL) and neutral safety switch interlock (1st through 4th gears)
- AutoShift transmission
- Transmission oil cooler
- Transmission remote oil-sampling port
- Differential lock, electric foot actuated,
- protection on/off (software enabled)
   Differential lock, electric foot actuated
- Auto shutdown
- Planetary final drives
- Power-assisted hydraulic service brakes (conform to ISO 3450): Inboard, wet multi-disc, self-adjusting and selfequalizing

**Key:** ● Standard ▲ Optional or special

### 710 P Powertrain (continued)

- Parking/emergency brake with electric switch control (conforms to ISO 3450):
   Spring applied, hydraulically released wet multi-disc / Independent of service brakes
- Hydrostatic power steering with emergency manual mode
- ▲ Non-powered front axle
- Mechanical-front-wheel drive (MFWD) with traction-control limited-slip differential: Electric on/off control / Sealed axle
- Automatic MFWD braking
- Backhoe ● Lift mode
- Precision mode
- Standard dipperstick digging depth
  5.26 m (17 ft. 3 in.)
- Extendable dipperstick extension 1.37 m (4 ft. 6 in.)
- 2-lever pilot controls with patternselection feature
- Backhoe transport lock lever
- Swing lock pin stored in operator's station
- Stabilizers with 2-direction anti-drift valves
- Extended (long) stabilizers with reversible pads
- Auxiliary backhoe valve with 1-way flow for hammers and compactors with plumbing
- Auxiliary backhoe valve with 1- and 2-way flow for swingers, thumbs, augers, etc. (plumbing not included)

See your John Deere dealer for further information.

### 710 P Loader<sup>+</sup>

- Loader bucket anti-spill (rollback)
- Return-to-dig feature
- Single-lever control with electric clutch disconnect
- Bucket-level indicator
- Loader boom service lock
- Loader valve with integrated anti-drift checks for hydraulic cylinders controlling loader boom up and bucket dump
- Auxiliary loader hydraulics with single control lever with EH auxiliary control (MFWD and clutch disconnect)
- ▲ Hydraulic coupler for buckets, forks, etc.
- Auto ride control

### Hydraulic System

- 198-L/m (52.3 gpm) axial-piston pump, pressure-compensated load-sensing (PCLS) system
- Auto-idle
- Economy mode
- Dedicated hydraulic reservoir
- Electrical System
- 12-volt system
- 160-amp alternator
- Dual batteries with 350-min. reserve capacity and 1,900 CCA
- Remote jump posts and battery disconnect

<sup>†</sup>See dealer for range of heavy-duty (HD), multipurpose, and coupler buckets and forks.

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with ISO standards. Except where otherwise noted, these specifications are based on a unit with 21L-28-in. 18PR (R4) tubeless rear and 15-19.5-in. 12PR (R4) front tires, and 1.24-m<sup>3</sup> (1.62 cu. yd.) loader bucket.

# Additional equipment (continued)

### 710 P Lights

- Halogen lights (10), 32,500 candlepower each (4 front driving/working, 4 rear working, and 2 side docking)
- Turn signal/flashing (2 front and 2 rear)
- Rear stop and tail (2)
- ▲ LED light package
- Operator's Station
- Modular-design ROPS/FOPS (Level 2) canopy with molded roof (meets ISO 3449 and ISO 3471/SAE J1040): Isolation mounted
- Molded floor mats (with pilot controls only)
- 12-volt outlet
- Lockable right-side storage
- Lockable left-hand storage with cup holders
- ▲ Interior front-view mirror
- ▲ Outside rearview mirrors
- Rotary-dial hand throttle
- Suspended foot throttle
- Mechanical-suspension seat, cloth cover
   Air-suspension heated seat (with cab
- only)
- ▲ Air-suspension vinyl seat
- Tilt steering, infinitely adjustable (with cab only)
- ▲ Tilt steering, infinitely adjustable (with canopy and quarter cab)
- Keyless start

Key: ● Standard ▲ Optional or special

### 710 P Operator's Station (continued)

- Machine security (enabled through monitor)
- Digital display of engine hours, engine rpm, and system voltage
- Sealed-switch module (SSM)
- Multi-function lever: Turn signals / Windshield wipers / Some light functionality
- Monitor system with audible and visual warnings: Engine air restriction / Low alternator voltage / Engine oil pressure / Hydraulic filter restriction / Parking brake on/off / Aftertreatment temperature / Transmission fluid temperature / Fuel / Hour meter / Machine diagnostic information via 4-push-button/LCD operator interface
- **Canopy:** Mechanical-suspension deluxe vinyl swivel seat with lumbar adjustment and armrests (fully adjustable)
- Cab with Dual Doors and A/C: Mechanical-suspension deluxe fabric swivel seat with lumbar adjustment / Headliner, dome light, left and right cab doors, tinted safety glass, windshield wipers (1 rear and 1 front), front windshield washer, fresh-air intake, and heater/defroster/pressurizer (11.7-kW [40,000 Btu/h] heater) / A/C (7.6-kW [26,000 Btu/h] output and CFC-free R134a refrigerant

See your John Deere dealer for further information.

### 710 P Operator's Station (continued)

- AM/FM/weather-band (WB) radio (with cab only)
- Premium radio package (with cab only; includes additional 12-volt and USB outlets)

### Overall Vehicle

- 1-piece unitized construction mainframe
- Vehicle tie-downs (2 front and 2 rear)
- Remote grease bank for front axle
- Front counterweight 272 kg (600 lb.) or 680 kg (1,500 lb.)
- Fuel tank, 174.1 L (46 gal.), ground-level fueling
- 2-position easy-tilt hood
- Extended grille frame
- Toolbox with padlock hasp
- Vandal protection for locking monitor, engine hood, toolbox, hydraulic reservoir, and fuel tank
- Reverse warning alarm
- Dent-resistant full-coverage rear fenders
- Backhoe boom-protection plate
- JDLink<sup>™</sup> wireless communication system (available in specific countries; see your dealer for details)
- ▲ HD stabilizer pads

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