

SPECIFICATIONS	8260R	8285R	8310R	8335R	8360R
<b>ENGINE PERFORMANCE</b>					
Rated Power (97/68 EC) without IPM, kW (hp)	191 (260)	210 (285)	228 (310)	246 (335)	265 (360)
Maximum Power (97/68 EC) @ 1900 engine rpm without IPM, kW (hp)	210 (286)	231 (314)	251 (341)	271 (369)	291 (396)
Rated Power (97/68 EC) with IPM, kW (hp)	217 (295)	235 (320)	254 (345)	272 (370)	291 (395)
Maximum Power (97/68 EC) @ 1900 engine rpm with IPM, kW (hp)	220 (299)	240 (326)	260 (354)	281 (381)	301 (409)
Rated Power (ECE-R24) without IPM, kW (hp)	184 (250)	201 (274)	219 (298)	237 (322)	254 (346)
Maximum Power (ECE-R24) @ 1900 engine rpm without IPM, kW (hp)	202 (275)	221 (301)	241 (327)	260 (354)	280 (380)
Maximum Power (ECE-R24) @ 1900 engine rpm with IPM, kW (hp)	211 (287)	230 (313)	250 (340)	269 (366)	289 (393)
Engine Peak Torque @ 1600 engine rpm in Nm	1217	1334	1452	1569	1686
<b>ENGINE SPECIFICATIONS</b>					
Rated Speed, rpm	2,100				
Manufacturer	John Deere PowerTech PSX (B20 Diesel Compatible), Stage III B Emissions Certified				
Type	Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head				
Filter, engine air	Dual stage with engine cooling fan aspiration				
Aspiration	Dual Series Turbocharger with fixed geometry first stage – variable geometry second stage – air-to-air aftercooling and cooled exhaust gas recirculation				
Displacement, bore and stroke	9.0 litre, 118.4 mm x 136 mm				
Cooling Fan Drive	VariCool – variable speed cooling fan drive system				
Fuel Injection System & Control	Electronically controlled, high-pressure CommonRail with electric fuel transfer pump (self priming)				
<b>TRANSMISSION OPTIONS</b>					
<b>PowerShift</b>	16F/5R full PowerShift speeds w/ fully autom. shifting & field CruiseControl				
16-speed PowerShift, 16F, 5R with APS (Auto PowerShift)	Standard (42 km/h with group 48 tyres, 39.9 km/h with group 47 tyres)				n/a
Speed range	8 field working speeds. 2 – 42 km/h forwards, 1.8 – 16 km/h reverse				n/a
Automatic shifting	Shifting in relation to throttle position & load for transport & field applications				n/a
<b>AutoPowr</b>	Infinitely variable transmission with full electronic engine and transmission management, AutoClutch, PowerZero, variable reverser ratio and FieldCruise				
JD AutoPowr 0.05 – 42 km/h	Optional 42 km/h @ 1434 ECO engine rpm* with group 48 tyres				Standard
JD AutoPowr 0.05 – 50 km/h	Optional 50 km/h @ 1713 ECO engine rpm* with group 48 tyres				
Speed range	Infinite – 50 m/h to 42 km/h or 50 km/h				
Modes	3 Modes – Auto Mode, Custom Mode & Manual Mode				
<b>FRONT AXLES</b>					
<b>Independent Link Suspension</b> with Hydraulic Differential Lock, Enclosed Driveline	Optional		Standard		
Independent Link Suspension with Hydraulic Differential Lock, Wet Multi-Disc Brakes and Enclosed Driveline			Optional available with 40 km/h, standard with 50 km/h transmission option		
Suspension System	Hydro-pneumatic, permanently active, automatic levelling, automatic load compensation and draft active geometry for 3-point hitch implements				
<b>STEERING</b>					
Hydraulic Power-Steering with electric pump back-up	406 mm Steering Wheel; Ratios/Turns Lock-to-Lock: -1LS 17.8:1 / 4.1, -1500 MFWD 20:1 / 4.4, -1300 MFWD 14.2:1 / 3.4		Standard		
ActiveCommand Steering (ACS) with electric pump back-up	345 mm Steering Wheel, Variable ratio 15:1 to 23:1 (3.1 – 5.0 Turns Lock-to-Lock) with Dynamic Road Offset Control and passive tactile feedback		Optional		
<b>HYDRAULIC SYSTEM</b>					
Type	Closed-centre, PFC System (pressure & flow compensating) load sensing with dedicated axial piston type pump				
Selective control valves	4 Standard, 3 and 5 Optional				
Electro-hydraulic selective control valves	Neutral, raise, lower and float. Adjustable flow with temperature compensation. Selectable detents. Load check valves and release assistors				
Main pump, axial piston (displacement)	63 ccm standard, 85 ccm optional		85 ccm standard		
Maximum pressure, bar	166.6		204 (± 3 bar)		
Rated Flow, 63 ccm pump, l/min			n/a		
Rated Flow, 85 ccm pump, l/min			227.1		
Available Flow at a single SCV, l/min			132		
<b>3-POINT HITCH – REAR</b>					
Type	Electro-hydraulic with full electronic lower link draft sensing. Hitch dampening. External fender mounted control switches				
Category 3/3N with Ball/Hook Style Ends – All Axle Diameters Only Sway Blocks, kg	Standard 6,862 / 9,562 Maximum Hitch Lift Capacity**		n/a		

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Category 3/3N with Ball/Hook Style Ends – 120 mm Axle only		Optional		n/a	
Sway Blocks or Deluxe Sway Stabilizers, kg	7,665 / 10,788 Maximum Hitch Lift Capacity**				
Category 4N/3 with Ball/Hook Style Ends – 120 mm Axle only		Optional		Standard	
Sway Blocks or Deluxe Sway Stabilizers, kg	8,436 / 11,762 Maximum Hitch Lift Capacity**		8,436 / 11,762 Maximum Hitch Lift Capacity**		
<b>REAR-PTO</b>					
PTO Clutch	Independent oil cooled multiple disc				
PTO engagement	Electro-Hydraulically engaged and braked. External fender mounted control switches				
45 mm (1 3/4"), 20-spline, 1000 rpm			Standard		
45 mm (1 3/4"), 20-spline, 1000 rpm; capable of 38 mm (1 3/8"), 6-spline, 540/1000 rpm		Optional		n/a	
45 mm (1 3/4"), 20-spline, 1000 rpm with 38 mm (1 3/8"), 6-spline, 540/1000 rpm gearcase			Optional		n/a
PTO Speed @ Engine RPM	1000 PTO rpm @ 2003 engine rpm and 540 PTO rpm @ 1818 engine rpm for PowerShift transmission 1000 PTO rpm @ 2000 engine rpm and 540 PTO rpm @ 1815 engine rpm for AutoPowr				
<b>CAB</b>					
Type	CommandView II Cab, with ComfortCommand Seat with adjustable right hand CommandARM Armrest Controls with integrated 7" Colour CommandCenter Display. Optional: Deluxe CommandView II cab or Premium CommandView II cab with John Deere ActiveSeat. Optional: CommandCenter TouchScreen 7" Colour Display & Video Ready.				
Sound reduction/Drivers ear noise level (77/311/EEC)	Passive noise reduction system, 73 dB(A) in-cab sound level				
Cab Glass Area, m²	6.52				
Cab Volume, m³	3.597				
Air System	Manual Temperature control located in cab roof. Optional Automatic Temperature Control with controls located on CommandArm.				
Radio Options	Deluxe or Premium Radio Package				
<b>MISCELLANEOUS</b>					
AutoTrac Ready	Standard				
Modular Telematics Gateway (MTG)	<b>Factory Installed Option:</b> JDLink Select or JDLink Ultimate				
ServiceADVISOR Remote	Capable with MTG Hardware				
ISOBUS Implement Connection	Standard (ISO 11783)				
CommandCenter, Video capable (Touch screen only)	Single video input for camera with PAL & NTSC signal				
Immobilizer	Optional				
<b>CAPACITIES</b>					
Fuel Tank, l	695				
Cooling System, l	41.0				
Crankshaft oil volume					
1300 MFWD, l	25.0			n/a	
1500 MFWD, l			28.0		
ILS, l			28.5		
Transmission, Differential, Hydraulic System (MFWD / ILS), l	165 / 175				
1300 MFWD axle housing, l	13.6			n/a	
1500 MFWD axle housing, l			18.7		
1300 MFWD / 1500 MFWD and ILS wheel hubs, each, l			3.8		
<b>WHEELBASE</b>					
MFWD / ILS, mm	3050 / 3020				
MFWD / ILS axle clearance, mm	685.8 / 590				
Turning Radius*** – 600/70R30 group 43 front tires @ 74.1" spacing, ILS, m	6.09				
<b>DIMENSIONS AND WEIGHTS</b>					
Width x Height x Length, mm	2506 x 3285 x 6116****				
With rear tyre size (tire size optional available)	710/70R42				
Average Standard Weight less front weights					
ILS/IVT/645 kg inner weights/front weight support, Cat4 hitch with Ball/Hook style ends, 3 in 1 with Piton hitch, Tires: 710/70R42 rear singles, 600/70R30 front singles	13,003 kg				

\*Base tractor configuration on level ground, with specified tires groups above at manufacturer recommendation for tire pressure. Engine rpm are load dependant.

\*\* 1st number is substained lift capacity at 610 mm behind coupler jaw with center link in top hole, 2nd number is measured at the coupler jaw.

\*\*\*See Operator's Manual for other tire spacing and turn radius

\*\*\*\*measured from front weight support to the Cat4 lower links in horizontal position