

6155J

John Deere Tractor



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Engine

Engine horsepower	155 hp (115.5 kW)
Fast idle	2300 rpm
Torque rise	30%
Numbers of cylinders	6
Aspiration	Turbocharged
Displacement	6.8 L (414 in ³)
Compression	16.9:1
Injection pump	Rotary
Lubrication	Full pressure, full flow filtration with delivery valve
Fuel pre-filter	Yes
Air cleaner	PowerCore [®] Air Filter, dry type with safety element and pre-cleaner
Throttle	Mechanical hand with foot throttle optional

Transmission

Standard	PowrQuad™
Gear selections	16 forward / 16 reverse

Clutch

Type	Permaclutch II
Actuation	Hydraulically Engaged

Power Take-Off (PTO)

PTO Horsepower	135 hp
Control	Independent
Final Drive	Inboard planetary
PTO Actuation	Electrohydraulic
Speed	540/1000 rpm

Hydraulic system

Type	Closed center, pressure & flow compensated
Pump	Hydraulic
Pump flow	110 L/min (29.05 gpm)
Maximum system pressure	20.474 KPa (2,970 lb)
Hitch lift capacity at 610 mm	3,805 Kgf (8,390 lb)
Sensitivity type	Middle arm sensitive
Hitch system	3N/2
Selective control valve	One in base (Two optional)

Steering system

Type	Hydrostatic
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Rear Axle

Type	Rack and pinion
	2808 mm (110.5 in)
Differential lock	Hydraulic actuated with foot pedal
Brakes	Hydraulic controlled, wet disk brakes

Electrical system

Alternator	90 A
Engine electric shutoff	Yes

Capacities

Fuel tank	250 L (66.0 US. gal.)
Cooling system	20 L (5.28 US. gal.)
Crankcase	19.5 L (5.2 US. gal.)
Transmission / hydraulic system	77 L (20.3 US. gal.)

Dimensions (with base equipment)

Wheelbase	2,690 mm (105.9 in)
Overall length (with front weights)	4,780 mm (188.8 in)
Rear axle rack and pinion width	2,878 mm (113.3 in)
Height to the top of the ROPS	2,880 mm (113.4 in)
Minimum ground clearance	390 mm (15.3 in)
Average shipping weight	5,880 kg (12,963 lb)

Tires

Front (Standard)	14.9 x 30
Rear (Standard)	18.4 x 42 Dual 18.4 x 42
Front (Optional)	14.9 x 28
Rear (Optional)	18.4 x 38 Dual 18.4 x 38

Standard equipment

Drawbar with clevis
Seat with safety belt
Foldable ROPS
SMV
2 front head lamps
1 rear work light

Optional equipment

Front weights
Rear weights
Tool box



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