

# 6155J

John Deere Tractor



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Engine	
Engine horsepower	155 hp (115.5 kW)
Fast idle	2,300 rpm
Torque rise	30%
Numbers of cylinders	6
Aspiration	Turbocharged
Displacement	6.8 L (414 in <sup>3</sup> )
Compression	16.9:1
Injection pump	Rotary
Lubrication	Full pressure, full flow filtration with delivery valve
Fuel pre-filter	Yes
Air cleaner	PowerCore <sup>®</sup> Air Filter, dry type with safety element and pre-cleaner
Throttle	Mechanical hand with foot throttle optional

Transmission	
Standard	PowrQuad <sup>™</sup>
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	540/1,000 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

Rear axle	
Type	Rack and pinion
	2,808 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

**Note:** Illustrations show full equipment that not necessary is part of the standard machine. Technical specifications and accessories may change without prior notice. For more information please contact your John Deere dealer.



A030MX0311

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 28
Rear (standard)	Dual 18.4 x 38	18.4 x 38
Additional tires	Radial -single wheel	480/80 R42
Additional tires	Radial	380/85 R30

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	
Toolbox	

For more information, please contact our authorized dealer or nearest area office.



### PT WAHANA INTI SELARAS

Operational Office : Green Sedayu Bizpark, Blok GS 3/38,  
Jl. Cakung Cilincing Timur Raya KM 2, Jakarta 13910, INDONESIA  
Phone : (+6221) 2983 2045, 2983 2113  
Email : admin.sales@wiselgroup.indomobil.co.id  
Website : [www.johndeere.indomobil.com](http://www.johndeere.indomobil.com)

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