



## John Deere 6J Series (165-210HP) Tractors

### John Deere 6J Series (165-210HP) Tractors Features

John Deere's 6J Series tractors equipped with powerful and fuel-efficient engines, offering high torque rise with the ability to take on even the most heavy-duty applications. The steel full frame, a unique design by John Deere, provides rigid support and reliability. The dual wheels deliver greater pulling power and higher flotation where required by soil conditions. The 6J series are currently available in three models: 1654, 1854 and 2054. In the shortly future, a new member JD2104 will come to the stage.

- Powered by John Deere's 6-cylinder 6.8L turbocharged and intercooled engine with the high pressure common rail fuel system, providing excellent torque, outstanding fuel efficiency and durability.
- Standard 16×16 PowrQuad™ transmission coupled with the unique hydraulic PermaClutch™ II, allowing smooth, effortless shifting and control.
- Large 372L fuel tank, ensuring 16 hours of continuous operation at a full load.
- Premium Cab providing superior comfort and performance.
- Optional transmission with up to 40 km/h top speed, providing 20 forward and 20 reverse speeds.



# John Deere 6J Series (165-210 hp) Tractors - Specifications

Model	JD1654	JD1854	JD2054	JD2104
<b>Engine</b>				
Manufacturer	John Deere	John Deere	John Deere	John Deere
Engine Type	Exclusive design for agricultural applications 6-cylinder,6.8L, turbocharged, inter-cooled, Electronically controlled high pressure common rail fuel system	Exclusive design for agricultural applications 6-cylinder,6.8L, turbocharged, inter-cooled, Electronically controlled high pressure common rail fuel system	Exclusive design for agricultural applications 6-cylinder,6.8L, turbocharged, inter-cooled, Electronically controlled high pressure common rail fuel system	Exclusive design for agricultural applications 6-cylinder,6.8L, turbocharged, inter-cooled, Electronically controlled high pressure common rail fuel system
Rated power (hp)	165	185	205	210
Rated engine speed (r/min)	2100	2100	2100	2100
Torque rise	≥28%	≥28%	≥28%	≥28%
Cooling system	Dual-temperature cooling system	Dual-temperature cooling system	Dual-temperature cooling system	Dual-temperature cooling system
<b>Transmission</b>				
Transmission	PowrQuad	PowrQuad	PowrQuad	PowrQuad
Type	Partial power shift	Partial power shift	Partial power shift	Partial power shift
Gears	16 x16	16 x16	16 x16,standard; 20x20 optional	16 x16,standard ;20x20 optional
Forward and reverse transmission	Hydraulic power reverser	Hydraulic power reverser	Hydraulic power reverser	Hydraulic power reverser
<b>Clutch</b>				
Model	PermaClutch II	PermaClutch II	PermaClutch II	PermaClutch II
Type	Oil-cooled, self- adjusting (wet clutch)			
<b>Power Take Off(PTO)</b>				
PTO Actuation	Independent, Electro-hydraulic	Independent, Electro-hydraulic	Independent, Electro-hydraulic	Independent, Electro-hydraulic
PTO power(hp)	140	157	174	178
PTO Speed (r/min)	540/1000	540/1000	540/1000	540/1000
<b>Hydraulics</b>				
Type	Closed centre, pressure and flow compensated			
Rear 3-point hitch Lift Cap. (kg) @610mm behind lift point.	3792	4800	4800	4800
Selective control valves	3,standard	3,standard	3,standard	3,standard
3-point hitch type	Category 3	Category 3	Category 3	Category 3
Hitch control	Position control,draft control,position and draft comprehensive control	Position control,draft control,position and draft comprehensive control	Position control,draft control,position and draft comprehensive control	Position control,draft control,position and draft comprehensive control
<b>Steering/Brakes</b>				
Type of brake	Hydraulic wet-disc brakes, self-equalizing and self-adjusting			
Parking	Transmission parking lock	Transmission parking lock	Transmission parking lock	Transmission parking lock
Type of steering	Fully hydraulic	Fully hydraulic	Fully hydraulic	Fully hydraulic
Minimum turning radius with brakes(mm)	4590	4590	4590	4590
<b>Dimensions and weights</b>				
Fuel tank capacity(L)	372	372	372	372
Front weights	Maximum 18 pieces (47kg each)			
Rear weights (single rear wheel)	Maximum 8 pieces(4 on each side)(1)×72+(3)×205	Maximum 8 pieces (4 on each side)(1)×72+(3)×205	Maximum 8 pieces (4 pics on each side)(1)×72+(3)×205	Maximum 8 pieces (4 on each side)(1)×72+(3)×205
Rear weights (dual rear wheel)	2 pieces on each side (1)×72+(1)×205			
Maximum load capacity (kg)	11500	12300	12300	12300
Ground clearance mm	528	528	461	461
Front wheelbase mm	1524-2235	1524-2235	1524-2235	1524-2235
Short rear axle / Long rear axle (mm)	2430 2800	2430 2800	2550 2806	2550 2806
Wheelbase (mm)	2685	2685	2685	2685
Overall length / Overall height (mm)	5420 2930	5420 2930	5420 3361	5420 3361
Cab	Luxury Cab	Luxury Cab	Luxury Cab	Luxury Cab
Front tire single rear wheel	420/85R28	420/85R28	420/85R30	420/85R30
Rear tire single rear wheel	520/85R38	520/85R38	520/85R42	520/85R42
Front tire dual rear wheel	(420/85R28)/(380/85R30)	(420/85R28)/(380/85R30)	(420/85R30)/(380/85R30)	420/85R28
Rear tire dual rear wheel	(460/85R42)/(420/80R46)/(480/80R42)	(460/85R42)/(420/80R46)/(480/80R42)	(460/85R42)/(420/80R46)/(480/80R42)	460/85R42

Apart from JD2104, all the other models can be upgraded to include \*4SCV (200) and the control lever, \*a cold start system (-20oC), \*an instruction seat \*a 12-volt accessory cigarette lighter \*a sunshade \*a beverage holder \*a 7-hole power socket



\*Product specifications are subject to actual sales to change without notice

