

6J CAB TRACTORS



Performance

John Deere PowerTech™ engine

Mechanical PowrQuad™ transmission for wider speed selection in most applications

Increased lifting capacity for ploughing, harrowing and seeding

Excellent hydraulic flow capacity for implements

Spacious air-conditioned operator cab for increased comfort and less driver fatigue

Uptime

Fitted heavy-duty water-separator fuel filter reduces fuel contamination

Increased fuel tank capacity means less stops to refill

Reliable easy shifting PermaClutch™ transmission

One-piece engine hood for time-saving, easy daily maintenance

Large dealer footprint

Cost of operation

Fuel efficient engine

Reduced number of service points



JOHN DEERE

6J CAB TRACTORS SPECIFICATIONS

Engine	6115J	6135J	6150J	6170J	6190J
Type	PowerTech™ 4045PTE			PowerTech™ 6068PTE	
Power output	85 kW	101 kW	110 kW	125 kW	140 kW
Rated speed (rpm)	2 300			2 100	
Cylinder/displacement	Four cylinders/4.5 litres			Six cylinders/6.8 litres	
Engine aspirations	Turbo-charged			Turbo-intercooled	
Fuel injection system	Rotary injection pump			Electronic common rail	
Maximum torque at speed	429 Nm @ 1 400 rpm	518 Nm @ 1 500 rpm	608 Nm @ 1 400 rpm	717 Nm @ 1 400 rpm	722 Nm @ 1 400 rpm
Transmission					
Type	SyncoPlus™/PowerQuad™			PowerQuad™	
Number of gears	12 x 4/16 x 16			16 x 16	
Clutch	Multi disc Perma-Clutch™				
Axles					
Final drive				Planetary drive type	
Differential lock				Electro-hydraulic	
Axle option	Flange or rack and pinion		Rack and pinion		Flange or rack and pinion
Mechanical front wheel drive	Yes				
MFWD engagement	Electro-hydraulic				
Braking system					
Drive brakes	Hydraulic actuated wet disc brakes				
Park brake	Transmission engaged park brake "P"				
Pneumatic trailer brake	Not available				Optional
Power take-off (PTO)					
Type	Independent electro-hydraulic				
Speed (rpm)	540 or 540/1 000				540/1 000
Hydraulic system					
Pump type	Gear/piston			Piston	
Maximum oil delivery (litre/min)	Gear: 65 litre/min @ 2 300 rpm/ Piston: 100 litre/min		100 litre/min	110 litre/min	
Maximum oil pressure	200 bar				
Selective control valves	Two or three				
Lift capacity at 610 mm behind lift balls	2 550 kg	3 580 kg		4 800 kg	
Hitch control	Hydrostatic with electronic load sensing				
Fuel tank capacity	240 litre	300 litre			372 litre
Operator station					
Air-conditioning	Optional			Standard	
Seat	Mechanical or deluxe mechanical or deluxe pneumatic				
Technology (Ag Management)					
Greenstar™ ready (ATU)				Optional	
AutoTrac™ integrated	Not applicable			Optional	
SF1 with 1800 display and SF6000 receiver				Optional	
SF2 with 2630 display and SF6000 receiver				Optional	
Wheel sizes					
Front					
11.2 - 28	X				
14.9 - 24	X	X			
14.9 - 24 Forestry		X			
14.9 - 26	X	X			
14.9 - 28			X	X	X
16.9 - 24		X			
16.9 - 26			X		
16.9 - 28			X	X	X
16.9R28 Radial			X	X	X
16.9R30 Radial				X	X
18.4 - 26 Ag			X	X	X
18.4 - 26 Forestry			X	X	X
600/65R28 Radial				X	X
Rear					
13.6 - 38	X				
15.5 - 38	X	X			
18.4 - 34 Forestry	X	X			
18.4 - 38	X	X	X		
18.4 - 38 Dual			X		
20.8 - 38 Dual				X	X
20.8 - 42 Radial dual				X	X
23.1 - 30	X	X	X		
24.5 - 32 Ag			X	X	X
24.5 - 32 Forestry			X	X	X
30.5 - 32				X	X
650/75R32			X	X	X
710/70R38				X	X
Dimensions and weights					
Total length (including weights)	4 567 mm	4 921 mm	4 969 mm	5 420 mm	
Total height	2 672 mm	2 741 mm	2 863 mm	2 930 mm	2 988 mm
Distance between axles	2 400 mm		2 650 mm		2 730 mm
Front wheel spacing (min/max)	1 519 mm/2 058 mm	1 616 mm/2 154 mm	1 598 mm/2 098 mm	1 426 mm/2 136 mm	
Rear wheel spacing (min/max)	1 658 mm/2 408 mm	1 658 mm/2 409 mm	1 690 mm/2 650 mm	1 588 mm/3 219 mm	
Maximum weight (ballasted weight)	6 300 kg	7 500 kg	8 550 kg	9 950 kg	10 650 kg

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