

6B CAB TRACTORS



Performance

Powerful 4.5 litre, stage II engine

24x8 wet clutch transmission for wider speed selection in most applications

Increased lifting capacity for ploughing, harrowing, seeding, etc

Excellent hydraulic capacity for external implements

Air-conditioned operator cab for increased comfort and less driver fatigue

Uptime

Reliable John Deere PowerTech™ engine

Heavy-duty water separator fuel filter

Large fuel tank means less stops to refill and more time in the field

Reliable easy shifting wet clutch transmission

Easy access to daily maintenance and service points

Hassle-free rear hitch adjustment

Cost of operation

Fuel-efficient, turbo-charged engine

Reduced number of service points

Low maintenance front axle



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6B CAB TRACTORS SPECIFICATIONS

	6095B	6110B	6135B
Engine			
Rated power (97/68EC)	95 hp (70 kW)	110 hp (81 kW)	135 hp (99 kW)
Constant power range	1 950 - 2 200 rpm	1 600 - 2 200 rpm	
Torque reserve	22%	29%	
Maximum torque, Nm (at 1 600 engine rpm)	370 Nm	452 Nm	555 Nm
Rated speed, rpm	2 200 rpm		
Engine manufacturer	John Deere Power Systems		
Engine type, displacement	4.5 litre PowerTech M	4.5 litre PowerTech E	
Fuel system	Mechanical rotary	High pressure common rail	
Cooling system	Water-cooled serial radiator, fixed fan system		
Transmission			
Type	24F/8R – 2.7 - 30 km/h, synchronised gears/ C&D ranges	24F/8R – 2.5 - 40 km/h, synchronised gears/ C&D ranges	
Clutch	Wet clutch – Perma-Clutch II		
Rear axle and final drives			
Permissible tread setting – front axle	1 625 - 2 025 mm		1 740 - 2 036 mm
Permissible tread setting – rear axle	1 712 - 2 012 mm	1 712 - 2 016 mm	
Engagement – front differential lock	Automatic		
Engagement – rear differential lock	Mechanical in cab		
Front axle type	Mechanical front wheel drive		
Rear axle type	Flanged rear axle		
Turning radius (measured without front fenders)	4.3 m	5.5 m	
Steering			
	Hydrostatic		
Hydraulic system			
	Open centre/constant flow		
Flow at rated engine speed	50 litre/min	60 litre/min	
Selective control valves (number and position)	3 SCVs, rear		
3-point hitch rear			
	Heavy-duty, mechanical draft and position control		
Category	Category II		
Lift capacity (measured at 610 mm behind hook point)	2 450 kg	3 060 kg	
Rear power take-off (PTO), 540/1 000 rpm			
Type	Electro hydraulically operated PTO		
Clutch type	Wet clutch		
PTO speed change	Mechanical reversible – stub shaft		
PTO shaft	6 spline/540 rpm or 21 spline/1 000 rpm stub shaft		
Engine rpm at rated PTO speed	2 200 rpm		
Cab			
Type	4 post roll-over protective structure (ROPS), glass windows with excellent 323.5° visibility		
Air-conditioner and heater	X	X	X
Driver's ear noise level with load	84 - 87 dbA		
Instrument panel	Integrated digital dashboard display		
Capacities			
Fuel tank	150 litre	220 litre	
Dimensions and weights			
Wheelbase	2 310 mm	2 560 mm	
Ground clearance, centre MFWD without front ballast	395 mm	425 mm	455 mm
Tractor weight (shipping weight less ballasting)	4 200 kg	4 290 kg	4 520 kg
Maximum permissible gross weight	6 150 kg	6 800 kg	8 000 kg
Wheels and tyres			
Front wheels	320/85R24	340/85R24	380/85R24
Rear wheels	420/85R34	460/85R34	460/85R38

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