

670GP MOTOR GRADER | 19T

PRODUCT SPECIFICATIONS

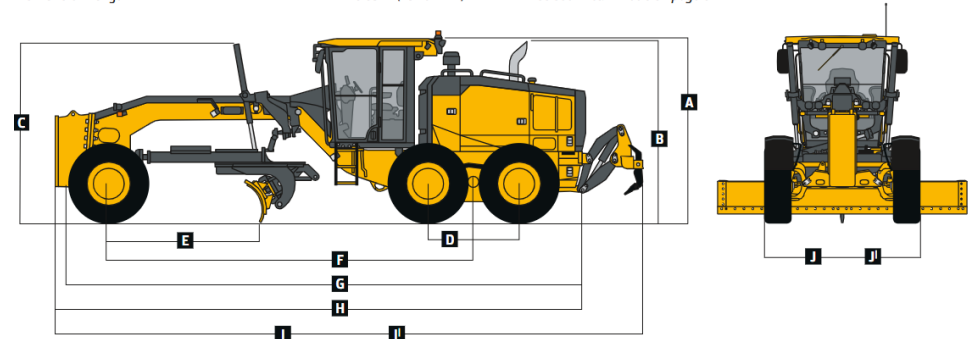
JOHN DEERE

Engine	
Model	John Deere PowerTech PSS 9.0 L
Base Power (1st gear) - net	175 kW / 235 hp
Displacement	9.0 L / 549.3 in ³
Net Torque Rise	67%
Weights	
Gross Vehicle Weight – Max	19,230 kg / 42,395 lb
Operating Specifications	
Top Speed – (Forward)	~45 km/h / ~28 mph (typical for 670GP class)
Top Speed - (Reverse)	~38 km/h / ~24 mph (typical for 670GP class)
Blade Pull	15,501 kg / 34,173 lb
Transmission	
Transmission Speeds (F/R)	8F / 8R
Moldboard (Blade)	
Blade Width	3,660 mm / 12.01 ft
Blade Height	610 mm / 2.01 ft
Blade Thickness	22 mm / 0.08 ft
Lift Above Ground	490 mm / 19.3 in
Blade Tip (Forward / Rearward)	42° / 5°
Sideshift (Left / Right)	683 mm / 683 mm / 2.25 ft / 2.25 ft
Shoulder Reach (Left / Right)	2,083 mm / 2,083 mm / 6.84 ft / 6.84 ft
Circle Rotation	360°
Bank Angle	90°
Dimensions	
Overall Length	8,890 mm / 350 in
Wheelbase	6,160 mm / 20.21 ft
Height (ROPS)	3,180 mm / 10.44 ft
Blade Base	2,570 mm / 8.44 ft
Turning Radius (Minimum)	7.21 m / 23.66 ft
Articulation	22°
Fuel Capacities	
Fuel Tank	416 L / 110 gal
Hydraulic Tank	64 L / 17 gal
Cooling System	40 L / 10.5 gal

Machine Dimensions	
A Height to Top of Cab	3.18 m (10 ft. 5 in.)
B Height to Top of Exhaust	3.10 m (10 ft. 2 in.)
C Height to Top of Blade-Lift Cylinders	3.05 m (10 ft. 0 in.)
D Tandem Axle Spacing	1.54 m (5 ft. 1 in.)
E Blade Base	2.57 m (8 ft. 5 in.)
F Wheelbase	6.16 m (20 ft. 3 in.)
G Overall Length	8.89 m (29 ft. 2 in.)

Machine Dimensions (continued)	
H Overall Length With Scarifier	9.69 m (31 ft. 9 in.)
I Overall Length With Push Block and Ripper	9.99 m (32 ft. 9 in.)
J Overall Length With Scarifier and Ripper	10.59 m (34 ft. 9 in.)
K Overall Length With Front-Mounted Blade and Ripper	10.60 m (34 ft. 9 in.)
L Overall Width With 14.00-R24 Tires*	2.49 m (8 ft. 2 in.)
M Overall Width With 17.5-R25 Tires*	2.64 m (8 ft. 8 in.)

*Also see Tires/Wheels on page 6.



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