

12M Motor Grader

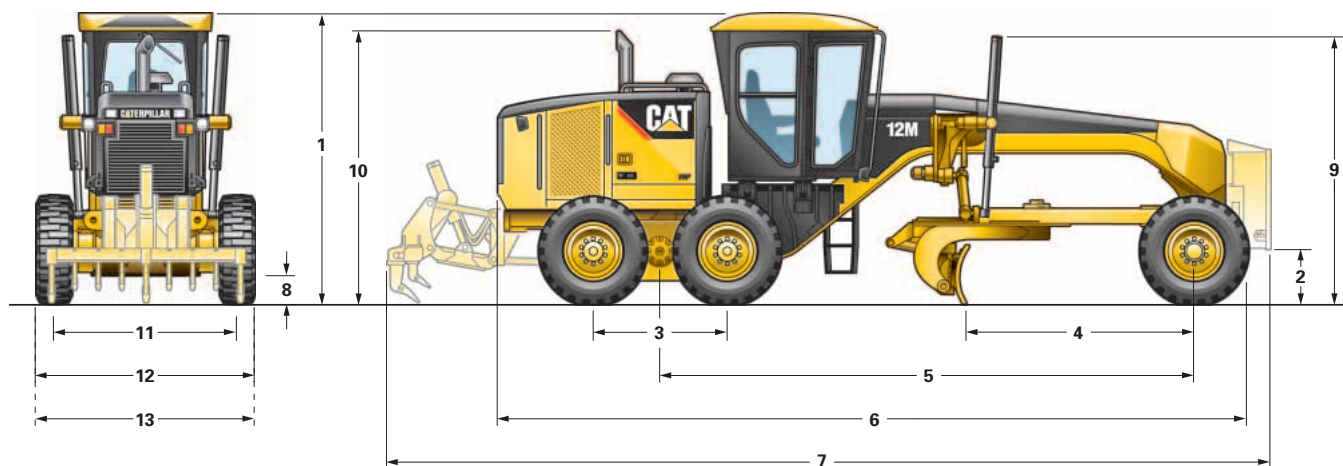
12M Net Power

Gear	VHP kW (hp) – Net	VHP Plus kW (hp) – Net
Fwd. 1st	118 (158)	118 (158)
2nd	121 (163)	121 (163)
3rd	125 (168)	125 (168)
4th	129 (173)	129 (173)
5th	129 (173)	132 (178)
6th	129 (173)	136 (183)
7th	129 (173)	139 (188)
8th	129 (173)	144 (193)
Rev. 1st	118 (158)	118 (158)
2nd	121 (163)	121 (163)
3rd – 6th	125 (168)	125 (168)

12M Motor Grader

Dimensions

All dimensions are approximate, based on standard machine configuration with 13.00-24 12PR (G-2) tires.



1	Height – top of cab	3290 mm	129.5 in
2	Height – front axle center	572 mm	22.5 in
3	Length – between tandem axles	1511 mm	59.5 in
4	Length – front axle to moldboard	2511 mm	98.9 in
5	Length – front axle to mid tandem	5915 mm	232.8 in
6	Length – front tire to rear of machine	8488 mm	334.1 in
7	Length – counterweight to ripper	9889 mm	389.3 in

8	Ground clearance at rear axle	347 mm	13.6 in
9	Height to top of cylinders	2920 mm	115 in
10	Height to exhaust stack	2885 mm	113.6 in
11	Width – tire center lines	2136 mm	84.1 in
12	Width – outside rear tires	2512 mm	98.9 in
13	Width – outside front tires	2531 mm	99.6 in

Optional Tire Arrangements

Total machine width and changes in machine weight are shown for common tire options.

Wheel Group	Tires	Outside Front Tires Width		Outside Rear Tires Width		Tire Arrangement Weight	
9x24 SP	13.00-24 Firestone SGG RB 12PR	2531 mm	99.6 in	2512 mm	98.9 in	0 kg	0 lb
10x24 MP	14.00-24 Goodyear SGG 12PR	2562 mm	100.9 in	2541 mm	100 in	223 kg	491 lb
10x24 MP	14.00R24 Bridgestone VKT 1 Star	2562 mm	100.9 in	2541 mm	100 in	520 kg	1,146 lb
10x24 MP	14.00R24 Michelin XGLA2 1 Star	2567 mm	101.1 in	2546 mm	100.2 in	327 kg	720 lb
10x24 MP	14.00R24 Bridgestone VUT 1 Star	2550 mm	100.4 in	2529 mm	99.6 in	302 kg	666 lb
14x25 MP	17.5R25 Bridgestone VKT 1 Star	2734 mm	107.6 in	2713 mm	106.8 in	694 kg	1,531 lb
13x25 SP	17.5R25 Michelin XTLA 1 Star	2805 mm	110.4 in	2784 mm	109.6 in	293 kg	647 lb
13x25 SP	17.5R25 Michelin XHA 1 Star	2801 mm	110.3 in	2780 mm	109.4 in	425 kg	937 lb