

120M Motor Grader

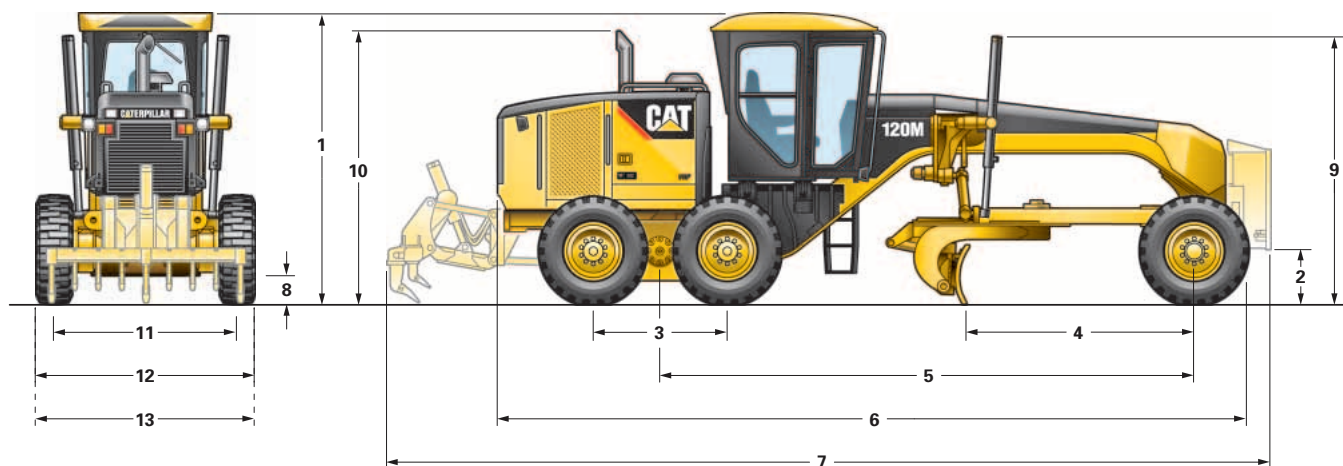
120M Net Power

Gear	VHP kW (hp) – Net	VHP Plus kW (hp) – Net
Fwd. 1st	103 (138)	103 (138)
2nd	106 (143)	106 (143)
3rd	110 (148)	110 (148)
4th	114 (153)	114 (153)
5th	114 (153)	118 (158)
6th	114 (153)	121 (163)
7th	114 (153)	125 (168)
8th	114 (153)	136 (182)
Rev. 1st	103 (138)	103 (138)
2nd	106 (143)	106 (143)
3rd – 6th	110 (148)	110 (148)

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Dimensions

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



1	Height – top of cab	3308 mm	130 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-2A 12PR	2562 mm	100.9 in	2543 mm	101.1 in	323 kg	712 lb
9x24 SP	14.00R24 Michelin XGLA2 1 Star	2553 mm	100.5 in	2534 mm	99.8 in	272 kg	600 lb
10x24 MP	14.00R24 Michelin XGLA2 1 Star	2567 mm	101.1 in	2548 mm	100.3 in	427 kg	941 lb
14x25 MP	17.5R25 Michelin XTLA 1 Star	2758 mm	108.6 in	2739 mm	107.8 in	596 kg	1314 lb
14x25 MP	17.5R25 Bridgestone VKT 1 Star	2734 mm	107.6 in	2715 mm	106.9 in	795 kg	1753 lb

- Based off the standard arrangement, AWD arrangements will have between 113 mm (4.4 in) – 309 mm (12.2 in) additional width.