

16M Motor Grader

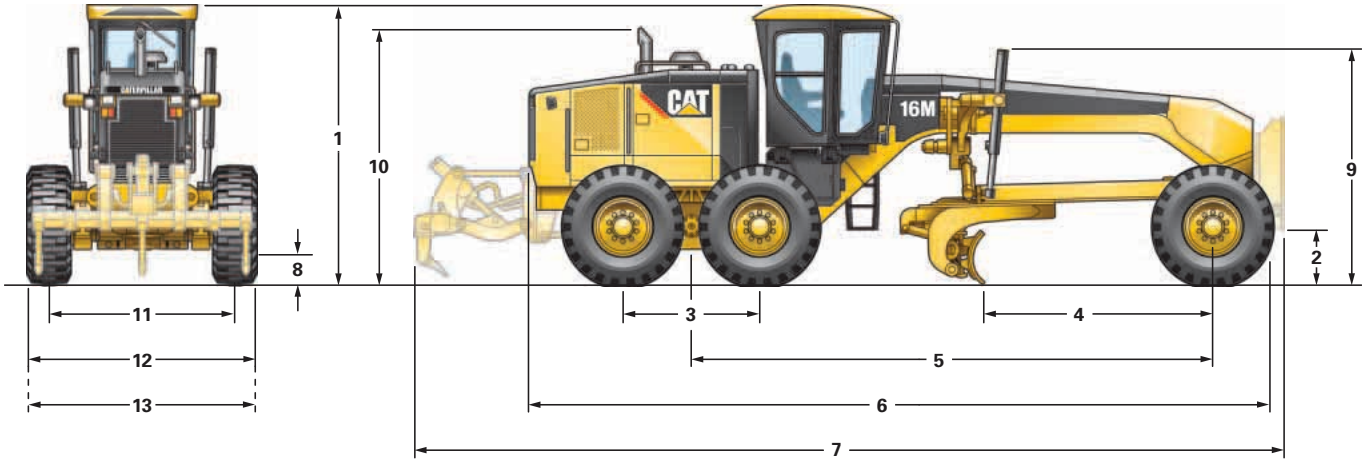
16M Net Power

Gear	VHP kW (hp) – Net	VHP Plus kW (hp) – Net
Fwd. 1st	221 (297)	221 (297)
2nd	225 (302)	225 (302)
3rd	229 (307)	229 (307)
4th	233 (312)	233 (312)
5th	233 (312)	236 (317)
6th	233 (312)	240 (322)
7th	233 (312)	244 (327)
8th	233 (312)	248 (332)
Rev. 1st	221 (297)	221 (297)
2nd	225 (302)	225 (302)
3rd - 6th	229 (307)	229 (307)

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Dimensions

All dimensions are approximate, based on standard machine configuration with 18.00-25 12PR (G-2) tires.



1	Height – top of cab	3703 mm	145.8 in
2	Height – front axle center	688 mm	27.1 in
3	Length – between tandem axles	1841 mm	72.5 in
4	Length – front axle to moldboard	3069 mm	120.8 in
5	Length – front axle to mid tandem	6985 mm	275 in
6	Length – front tire to rear of machine	9963 mm	392.2 in
7	Length – counterweight to ripper	11 672 mm	459.5 in

8	Ground clearance at rear axle	407 mm	16 in
9	Height to top of cylinders	3088 mm	121.6 in
10	Height to exhaust stack	3405 mm	134.1 in
11	Width – tire center lines	2509 mm	98.8 in
12	Width – outside rear tires	3096 mm	121.9 in
13	Width – outside front tires	3096 mm	121.9 in

Optional Tire Arrangements

Common tire options for the 16M.

Wheel Group	Tires
19.5 × 25 MP	23.5R25 Bridgestone VKT2 1 Star
19.5 × 25 MP	23.5R25 Bridgestone VMT 1 Star
19.5 × 25 MP	23.5R25 Bridgestone VKT 1 Star
19.5 × 25 MP	23.65R25 Michelin XMA 1 Star
19.5 × 25 MP	23.5-25 Goodyear MRL