

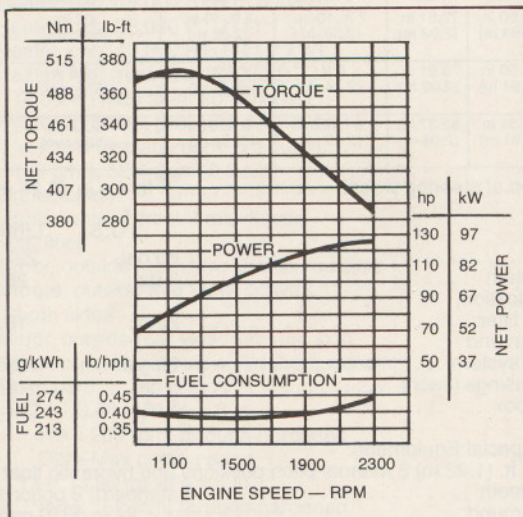


670A MOTOR GRADER



Model shown may include options

ENGINE PERFORMANCE



FEATURES

125 SAE net hp (93 kW)

12-ft. (3.65 m) moldboard with 0.62 x 6 in. (16 x 152 mm) through-hardened Dura-Max[®] cutting edge; 13- and 14-ft. (3.95 and 4.25 m) moldboards and 2-ft. (610 mm) extensions available

Power shift transmission; 8 speeds forward, 4 reverse

Articulated frame steering

Differential lock-unlock
22-ft. (6.70 m) turning radius

All-hydraulic control of blade and machine functions

Closed-center hydraulic system with built-in positive hydraulic locks provides instant response without blade drift or creep

Hydraulically controlled, 7-position lift arms let you position blade for 90-degree bank cuts, left or right, in approximately one minute, without leaving the seat

Oscillating front axle and rear tandem

Hydraulic front-wheel lean

Rollover protective structure (ROPS) w/cab

ADD VERSATILITY WITH:

Scarifier

Rear-mounted ripper

Snow plow and wing

Bulldozer

Automatic blade control

670A MOTOR GRADER SPECIFICATIONS

Additional Standard Equipment:

- Gauges:
 - Air filter indicator
 - Engine oil pressure
 - Fuel level
 - Transmission clutch pressure
 - Transmission filter indicator
 - Transmission lube pressure
 - Transmission temperature
 - Water temperature
- Horn
- Hourmeter
- Lights, driving
- Lights, stop and tail
- Moldboard float
- Precleaner
- Reverse warning alarm
- ROPS cab w/seat belt, front wiper and dome light
- Seat, cushioned vinyl
- Turn signals

SAE Operating Weight	On Front Wheels	On Rear Wheels	Total
Standard equipment	7962 lb. (3612 kg)	18,591 lb. (8432 kg)	26,553 lb. (12 044 kg)
Standard equipment and scarifier	9121 lb. (4137 kg)	18,418 lb. (8354 kg)	27,539 lb. (12 491 kg)
Standard equipment, scarifier and ripper	8388 lb. (3805 kg)	21,667 lb. (9828 kg)	30,055 lb. (13 633 kg)

Optional or Special Equipment with Weights:

(Add these weights to SAE Standard Equipment operating weights to obtain total operating weights.)

	lb.	kg		lb.	kg
Accelerator-decelerator	7	3	Moldboard extensions, 2-ft. (610 mm), right or left (less cutting edge)	220	100
Air conditioner w/heavy-duty alternator	177	80	Overlay end bits (1 pair), 6 in. (152 mm)	62	28
Articulation indicator	5	2	Overlay end bits (1 pair), 8 in. (203 mm)	77	35
Automatic blade control	355	161	Rear hitch	67	30
Auxiliary function valve	114	52	Rims:		
Blade, front bulldozer w/float control	1489	675	10 in. (254 mm) for 13.00-24 tires	0	0
Bottom guard, heavy-duty w/rear hitch	665	302	10 in. (254 mm) for 14.00-24 tires	472	214
Bottom guard, regular	170	77	14 in. (356 mm) for 17.50-25 tires	674	306
Cold-weather starting aid	10	5	Ripper, rear mounted with hitch	2516	1141
Dura-Max through-hardened cutting edge, 3/4 x 8 in. (19 x 203 mm)	8.5 lb/ft (13 kg/m)		ROPS canopy w/seat belt and instrument panel cover	-442	-200
Engine disconnect, cold weather	27	12	Scarifier, regular w/five teeth 1 x 3 in. (25 x 76 mm)	986	448
Engine side shields	46	21	Seat belt, 3-in. (76 mm)	3	1
Fan, defroster	4	2	Seat, deluxe suspension, cloth covered	111	50
Heater, coolant	1	.5	Seat, deluxe suspension, vinyl covered	58	26
Heater, cab, 19,000 BTU (5.6 kW)	16	7	Sound suppression package (includes bottom guard)	761	345
Heater, cab, 38,000 BTU (11.1 kW)	31	14	Sound suppression package (for use w/ripper)	248	112
Heater, cab, 40,000 BTU (11.7 kW)	31	14	Tires:		
Heater, roof-mounted, 25,000 BTU (7.3 kW) (add to air conditioner)	17	8	13.00-24, 8 PR, G2	-	-
Hydraulic pump, pressure controlled, variable displacement, 6.0 cu. in. (98 cm ³), 52.4 gpm (3.3 L/s)	44	20	13.00-24, 12 PR, G2	60	27
Lights, blade	4	2	14.00-24, 10 PR, G2	194	88
Lights, work, 2 front/2 rear floods	12	5	14.00-24, 12 PR, G2	270	122
Mat, floor	9	4	17.5-25, 12 PR, L2	528	239
Mirror, outside rear view, convex, outside	6	3	Toolbox	12	5
Mirrors, outside rear view, convex, both sides	12	5	Winter door cam for cab	4	2
Mirror, outside rear view, flat, one side	6	3	Wiper, rear windshield	4	?
Mirror, outside, rear view, flat, both sides	12	5			
Moldboard:					
12-ft. (3.66 m) w ^{3/4} x 8 in. (19 x 203 mm) through-hardened Dura-Max cutting edge	106	48			
13-ft. (3.96 m) w ^{3/8} x 6 in. (16 x 152 mm) through-hardened Dura-Max cutting edge	60	27			
13-ft. (3.96 m) w ^{3/4} x 8 in. (19 x 203 mm) through-hardened Dura-Max cutting edge	116	53			
14-ft. (4.27 m) w ^{3/8} x 6 in. (16 x 152 mm) through-hardened Dura-Max cutting edge	146	66			
14-ft. (4.27 m) w ^{3/4} x 8 in. (19 x 203 mm) through-hardened Dura-Max cutting edge	155	70			

670A MOTOR GRADER DIMENSIONS

