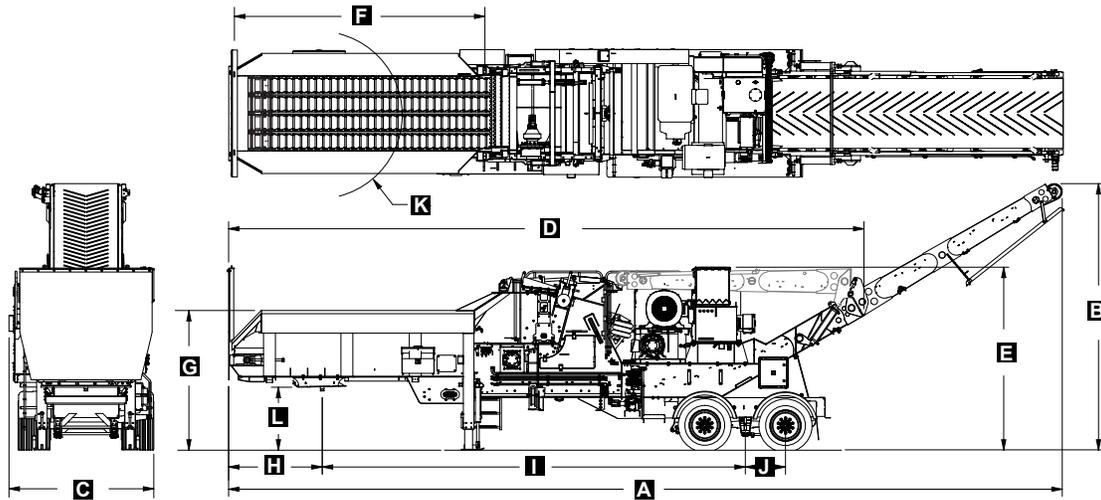


2750D

Peterson Horizontal Grinder



DIMENSIONS

A Operating Length	52' 6" (16 m)
B Operating Height	16' 9" (511 cm)
C Operating/Travel Width	9' 1" (277 cm)
D Travel Length	39' 11" (1217 cm)
E Travel Height	11' 6" (191 cm)
F Hopper Length	15' 7" (475 cm)
G Hopper Height	6' 3" (272 cm)
H Front to 5th Wheel	5' 11" (180 cm)
I 5th Wheel to Center Axle	26' 7" (810 cm)
J Axle Spacing	2' 6" (76 cm)
K 5th Wheel Clearance Radius	6' (183 cm)
L 5th Wheel Height	3' 8" (124 cm)

ESTIMATED WEIGHTS

Machine Weight	Approx. 54,000 lbs (24 500 kg)
Tandem Weight	Approx. 33,000 lbs (14 970 kg)

POWERTRAIN

Electric Power	USA: 460 volt, 60Hz, 3-phase electric Europe: 400 volt, 50Hz, 3-phase electric
	Canada: 575 VAC converted to 460 VAC via auto transformer
Rotor Drive Motor	crusher duty, 600 hp (450 kW)
Auxiliary Motor (for hydraulic functions)	high efficiency 100 hp (75 kW)
Hydraulic Tank Capacity	100 US gal (379 L)

SUSPENSION & TOWING

Stabilizers	2, hydraulic
Tires	295/75R22.5

SYSTEM CONTROLS

Peterson Adaptive Control System
Radio Remote

FEED SYSTEM

Hopper Capacity	8.5 yd ³ (6.5 m ³)
Feed Chain	4 sections, full hopper width
Feed Conveyor Width	4' 10" (147 cm)
Feed Opening (width x height)	60" x 32" (153 x 81 cm)
Land Clearing Mode	60 x 44" (153 x 112 cm)
Compression Roll Diameter (tip to tip)	28" (71 cm)

ROTOR

Rotor Speed	10,000 fpm (3036 mpm) @ 1800 rpm (motor)
Rotor Shaft Size	4.44" (113 mm) @ bearing, 5.75" (146 mm) @ center
Rotor Width	59.75" (152 cm)
Rotor Diameter	32" (81 cm)
Bit Size (width x height)	2.75" x 5" (70 x 127 mm)
Number of Bits	20 Drum Rotor, 18 Pinned Rotor, 30 ASG Rotor

GRATES

Number of Grate Sections	4
Total Grate Area	3024 in ² (19 509 cm ²)
Grate Coverage	180°
Grate Thickness	1" (25 mm)

DISCHARGE SYSTEM

Discharge Conveyor Width	48" (122 cm)
Discharge Conveyor Height	16' 9" (511 cm)
Conveyor Speed	500, 600, or 700 fpm (152, 183, or 213 mpm)

PRODUCTION* PER HOUR

Motor	Greenwaste	Scrap Board
600 hp	264 yd ³ (201 m ³)	323 yd ³ (247 m ³)
	77 US tons (70 tonnes)	55 tons (50 tonnes)

*Actual output may vary due to moisture content, material density and size, support equipment, and grate size. Production rates are based on operating 50 minutes per hour.

OPTIONAL EQUIPMENT

Crossbelt Magnet
Metal Collection Box
Feed Tailgate
Flat Feed Deck
LED Work Lights



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Specifications vary based on optional equipment and machine configuration and are subject to change without notice. Measurements are rounded to the nearest whole increment.



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