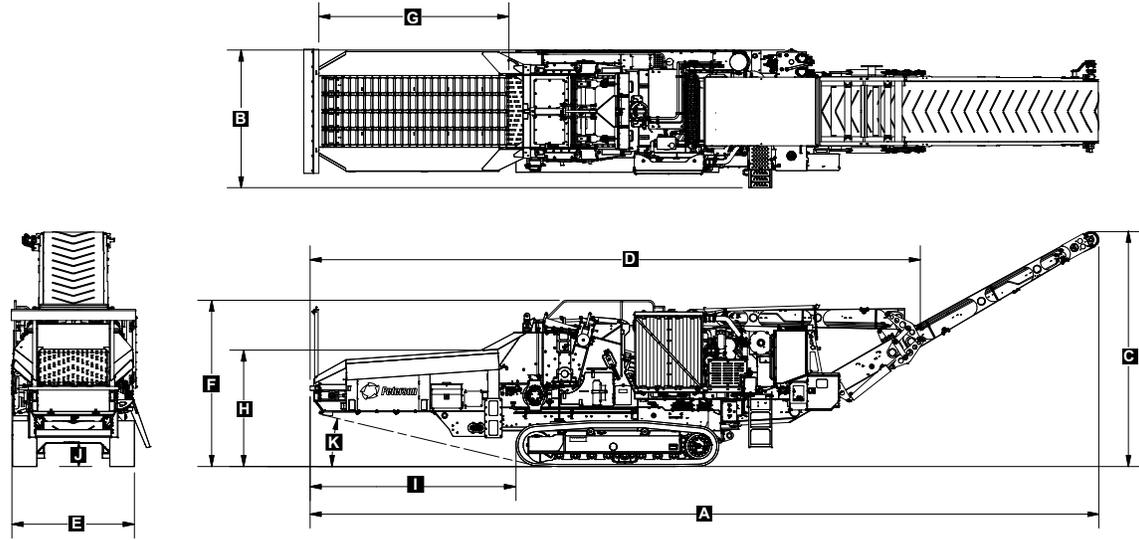


2710D

Peterson Horizontal Grinder



DIMENSIONS

A Operating Length	52' 11" (1612 cm)
B Operating Width	9' 3" (282 cm)
C Operating Height	15' 9" (480 cm)
D Travel Length	40' 8" (1241 cm)
E Travel Width	8' 2" (250 cm)
F Travel Height	11' 1" (338 cm)
G Hopper Length	12' 7" (383 cm)
H Hopper Height	7' 10" (239 cm)
I Front to Track Length	13' 7" (414 cm)
J Ground Clearance	1' 7" (48 cm)
K Angle of Approach	13°

WEIGHT

Machine Weight	68,100 lbs (30 900 kg)
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POWERTRAIN

Engine	Caterpillar C15 Tier IV, 580 hp (433 kW)
	Caterpillar C18 Tier IV, 755 hp (563 kW)
export only	Caterpillar C15 Tier III, 580 hp (433 kW)
export only	Caterpillar C18 Tier II, 765 hp (570 kW)
Clutch	PT Tech HPTO
Fuel Tank Capacity	285 US gal (1079 L)
Main Hydraulic Tank Capacity	90 gal (341 L)

SYSTEM CONTROLS

Peterson Adaptive Control System, Remote Control, Peterson+ Analytics

FEED SYSTEM

Hopper Capacity	5.6 yd ³ (4.28 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)



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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.

ROTOR

Rotor Speed	10,000 fpm (3048 mpm) @ 2100 rpm (engine)
Rotor Shaft Size	5" (130 mm) @ bearing, 5.75" (146 mm) @ center
Rotor Width	60" (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	21 ft ² (1.95 m ²)
Grate Coverage	180°
Grate Thickness	1" (25 mm)

DISCHARGE SYSTEM

Discharge Conveyor Width	48" (122 cm)
Discharge Conveyor Height	14' 9" (451 cm)
Conveyor Speed	500, 600, or 700 fpm (152, 183, or 213 mpm)

TRACKS

Track Type & Width	triple grouser, 18" (50 cm) wide
Travel Speed	1.0 / 2.0 mph (1.6 / 3.2 kph)
Ground Pressure	13.2 lbs/in ² (1 kPa)

PRODUCTION* PER HOUR

Engine	Greenwaste	Scrap Board
C15	264 yd ³ (201 m ³)	323 yd ³ (247 m ³)
	77 tons (70 tonnes)	55 tons (50 tonnes)
C18	300 yd ³ (229 m ³)	368 yd ³ (281 m ³)
	87.5 tons (79 tonnes)	62.6 tons (57 tonnes)

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

OPTIONAL EQUIPMENT

Feed Chain Return Pan	Magnetic Head Pulley
Feed Tailgate	Cold Weather Kit
Crossbelt Magnet	LED Work Lights
Scrap Metal Collection Box	CE Certification



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