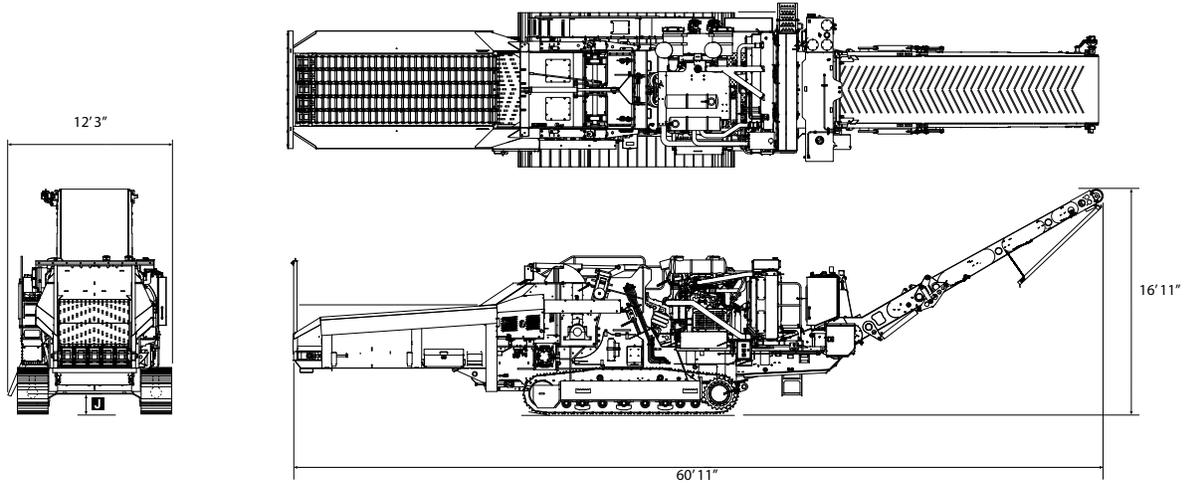


6710D

Peterson Horizontal Grinder



DIMENSIONS

A Operating Length	60' 11" (1857 cm)
B Operating Width	12' 3" (374 cm)
C Operating Height	16' 11" (515 cm)
D Travel Length	49' 0" (1493 cm)
E Travel Width	12' 0" (364 cm)
F Travel Height	11' 1" (338 cm)
G Hopper Length	15' 6" (472 cm)
H Hopper Height	8' 2" (428 cm)
I Front to Track Length	17' 3" (525 cm)
J Ground Clearance	18" (46 cm)
K Angle of Approach	10°
L Machine Weight	108,500 lbs (48.987 kg)

POWERTRAIN

Engine	Caterpillar C32 Tier IV, 1125 hp (839 kW) <i>export only</i> Caterpillar C32 Tier II, 1125 hp (839 kW)
Clutch	PT Tech HPT015
Fuel Tank Capacity	414 US gal (1567 L)
Main Hydraulic Tank Capacity	95 US gal (360 L)

SYSTEM CONTROLS

Peterson Adaptive Control System
Remote Control
Peterson+ Analytics

FEED SYSTEM

Hopper Capacity	9.9 yd ³ (7.75 m ³)
Feed Chain	5 sections, full hopper width
Feed Conveyor Width	66" (168 cm)
Feed Opening (width x height)	66" x 50" (168 x 127 cm)
Land Clearing Mode	66" x 65" (168 x 165 cm)
Compression Roll diameter (tip to tip)	42" (107 cm)

ROTOR

Rotor Speed 6400 to 10000 fpm (1951 to 3048 mpm) @ 2100 rpm (engine)
ASTEC

Rotor Shaft Size	6 5/8" (17 cm) @ bearing, 7 1/2" (19 cm) @ center
Rotor Width	69" (176 cm)
Rotor Diameter	47" (118 cm)
Bit Size (width x height)	3 x 6.5" (76 mm x 165 mm)
Number of Bits	22 drum rotor, 18 pinned rotor

GRATES

Number of Grate Sections	4
Total Grate Area	5253 in ² (33890 cm ²)
Grate Coverage	186°
Grate Thickness	1.5" (38 mm)

DISCHARGE SYSTEM

Discharge Conveyor Width	60" (152 cm)
Discharge Conveyor Height	16' 9" (511 cm)
Conveyor Speed	500, 600, or 700 fpm (152,183, or 213 mpm)

TRACKS

Track Type & Width	triple grouser, 28" (70 cm)
Travel Speed	1.0 / 1.7 mph (1.6/2.7 kph)
Ground Pressure	12.1 lbs/in ² (83.4 kPa)

PRODUCTION* PER HOUR

Engine	Greenwaste	Scrap Board
C32	583 yd ³ (446 m ³)	653 yd ³ (499 m ³)
	170 tons (154 tonnes)	111 tons (101 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
Crossbelt Magnet
Scrap Metal Collection Box
Magnetic Head Pulley
Cold Weather Kit
LED Work Lights
Air Compressor

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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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