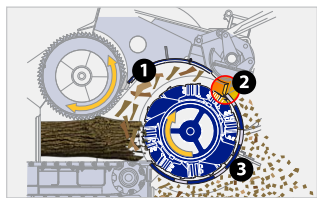


6710D Horizontal Grinder

Track mounting makes grinding more efficient just about anywhere



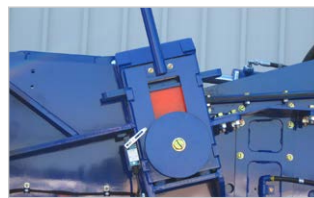
3-Stage Grinding Process Provides Faster Reduction

Peterson's powerful up-turn 3-stage grinding process provides better fracturing of material and a more consistent product, giving you just the product your buyers are looking for.



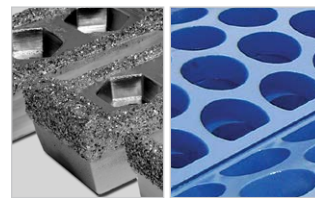
The Impact Release System Protects Your Investment

Peterson's patented Impact Release System's air bags provides uniform grinding and protection from contaminated feedstock, a feature unique to Peterson grinders.



The Second Line of Defense: The Impact Cushion System

Urethane cushions and shear pins help protect the mill from catastrophic damage in the event of a severe impact from contaminants in the feed stock.



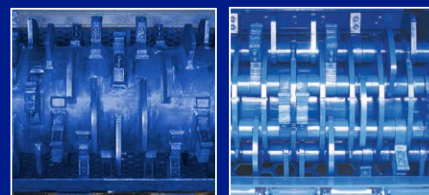
Use Peterson Bits and Grates for The Best Quality Product

Peterson offers a wide variety of durable, long-lasting bits and grates to enable you to produce exactly the products your customers demand.

The 6710D is Peterson's largest horizontal grinder, and is designed for operations that need the most durable, highest output machine. Powered by a 1125hp (839 Kw) Tier IV, Caterpillar C32 engine (or an export only Tier II engine), the 6710D is designed for the toughest jobs. With a feed opening of 66 x 50 inches (168 x 127 cm), the 6710D can even process large stumps that used to be reserved for tub grinders! The grinder is particularly suited for land clearing operations or other applications where mobility

is desired. Track mounting also reduces material handling costs in conventional recycling yards as well.

With the *R+* package, the 6710D can be configured as a mid-speed grinder to handle heavily contaminated piles, and easily converts back to a high speed grinder for typical land clearing operations. Peterson's three-stage grinding process with an up turning rotor and large grate area enables the 6710D to produce materials to exact specifications.



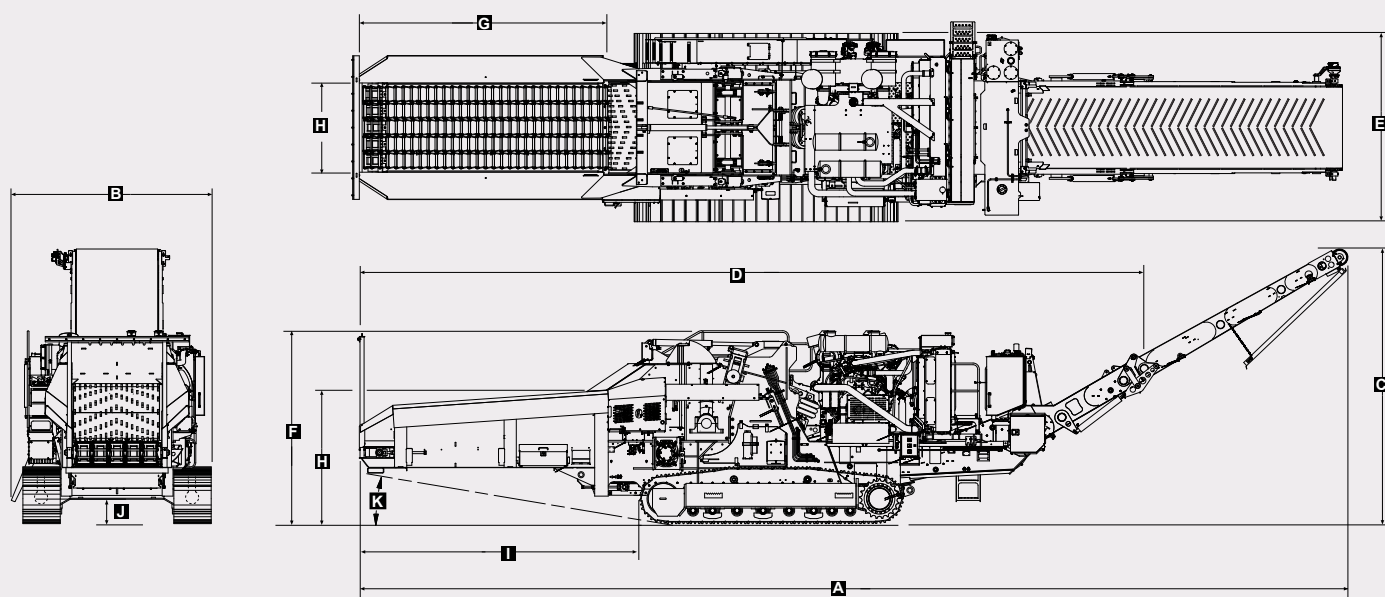
The 6710D features a drum (left) or pinned (right) rotor.

Our quick change multiple grate system makes it easy to customize grate configurations to produce a wide variety of finished materials.



Peterson
an Astec Industries Co.

6710D Dimensions



6710D Specifications

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°

Weight

Machine Weight	108,500 lbs (48.987 kg)
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Powertrain

Engine	Caterpillar C32 Tier IV, 1125 hp (839 kW)
export only	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)
Rotor Shaft Size	6 3/8" (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	Cold Weather Kit
Crossbelt Magnet	LED Work Lights
Scrap Metal Collection Box	Air Compressor
Magnetic Head Pulley	

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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.

06/17/2020