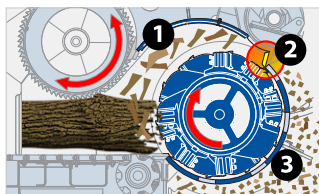


6710D Horizontal Grinder

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.



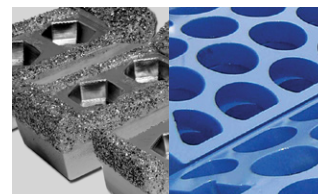
The Impact Release System Protects Your Investment

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 Peterson 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 II, Caterpillar C32 engine (or an optional Tier IVi Caterpillar C32 engine), the 6710D is designed for the toughest jobs. With a feed opening of 50 x 66 inches (127 x 168 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.

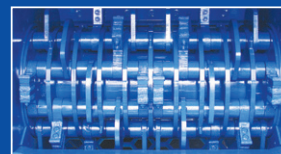
With the *R⁺* package, the 6710D can be configured as a mid-speed grinder to handle heavily contaminated piles, and easily

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 quick-change multiple grate system makes it easy to customize grate configurations to produce a wide variety of finished materials. Grates are removed through an access door on the side wall.

Peterson's three-stage grinding process with an up turning rotor and large grate area enables the 6710D to produce materials to exact specifications.

Our quick change multiple grate system



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

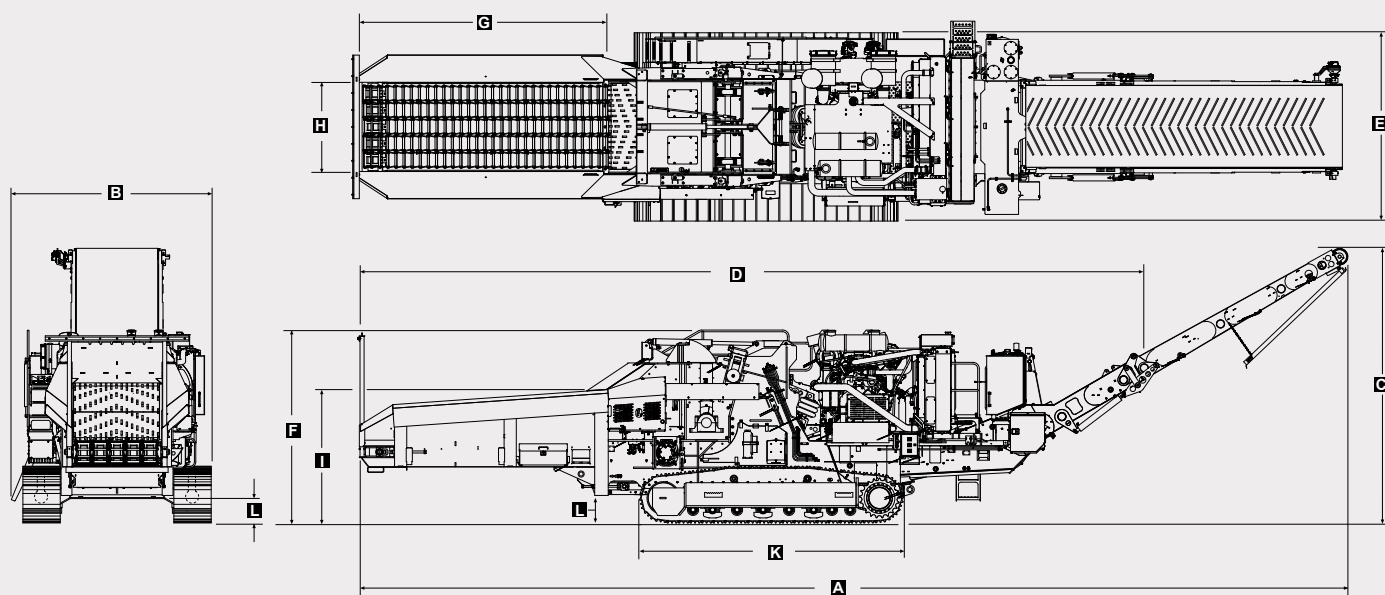
makes it easy to customize grate configurations to produce a wide variety of finished materials. Grates are removed through an enlarged access door on the side wall.

Since 1981, Peterson has specialized in the developing of delivery and processing equipment that turns low-grade organic materials into high value products.



Peterson
an Astec Industries Co.

6710D Dimensions



6710D Specifications

Dimensions

A Operating Length	60' 10 ³ / ₄ " (186 m)	Hopper Loading Height	8' 1 ³ / ₄ " (248 cm)
B Operating Width	12' 3" (374 cm)	Feed Opening (width x height)	66" x 50" (168 x 127 cm)
C Operating Height	16' 10 ³ / ₄ " (515 cm)	Land Clearing Mode	66" x 65" (168 x 165 cm)
D Travel Length	48' 11 ³ / ₄ " (1493 cm)	Compression Roll Diameter (tip to tip)	42" (107 cm)
E Travel Width	11' 7" (353 cm)		
F Travel Height	11' 11 ³ / ₈ " (364 cm)		
G Hopper Length	15' 6" (472 cm)		
H Feed Conveyor Width	66" (168 cm)		
I Hopper Height	8' 1 ³ / ₄ " (428 cm)		
J Front to Track Length	17' 2 ³ / ₄ " (525 cm)		
K Track Length	16' 2 ³ / ₄ " (495 cm)		
L Clearance Height	18" (46 cm)		

Weights

Machine Weight (depending on configurations)	108,500 lbs (48.987 kg)
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Tracks

Track Type	Triple Grouser, 27.6" (70 cm) wide
Travel Speed	1.0/1.7 mph (1.6/2.7 kph)
Ground Pressure	12.1 lbs/in ² (83.4 kPa)

Powertrain

Engine	Caterpillar C32
Horsepower	C32 @ 1125 hp (839 kW) Tier II or Tier IVi CAT engine
Clutch	PT Tech HPT015
Fuel Tank Capacity	414 US gal (1567 L)
Main Hydraulic Tank Capacity	95 US Gal (360 L)

Feed System

Hopper Capacity	9.9 yd ³ (7.75 m ³)
Hopper Width	66" (168 cm)
Hopper Length	15' 15 ³ / ₈ " (472 cm)
Feed Chain	5 sections, full hopper width

Rotor

Rotor Shaft Size	7 ¹ / ₂ " (19 cm)
Rotor Speed	840 rpm @ 2100 rpm (engine)
Rotor Width 6938 (176 cm)	69 ³ / ₈ " (176 cm)
Rotor Diameter	46 ¹ / ₂ " (118 cm)
Bit Size (width x height)	3 x 6 ¹ / ₂ " (76.2 mm x 165.1 mm)
Number of Bits	22 drum rotor, 20 pinned rotor

Grate Data

Number of Grate Sections	4
Total Grate Area	5253 in ² (33890 cm ²)
Rotor Coverage	186 degrees
Grate Thickness	1 ¹ / ₂ " (38.1 mm)

Discharge System

Discharge Conveyor Width	60" (152 cm)
Conveyor Speed	450-700 ft/min (137.20-213.36 m/min)

Optional Equipment

Air Compressor, Magnetic Pulley, Magnetic Cross Belt Conveyor, Scrap Metal Collection Box (requires cross belt conveyor), Grate Hangers, Feed Chain Return Pan

Production-C32 1125hp Tier II or Tier IVi

Greenwaste	583 yd ³ /170 US tons (446 m ³ /154 metric tons) per hour
Scrap Board	653 yd ³ /111 US tons (499 m ³ /101 metric tons) per hour

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

Specifications subject to change without notice.

PETERSON an Astec Industries Company

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