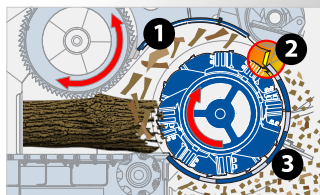


6700D Horizontal Grinder

The 6700D handles your biggest jobs.



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.



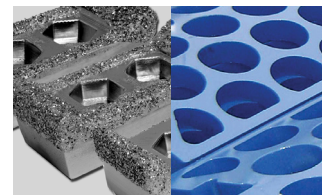
The Impact Release System Protects Your Investment

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.

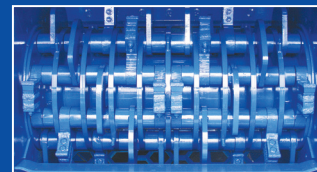
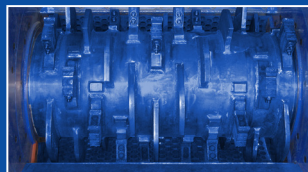
The Peterson 6700D is Peterson's largest horizontal grinder, and is designed for operations that need the most durable, highest output machine. Powered by a 1125hp (839 Kw) Tier II, Caterpillar C32 engine or an optional Tier IVi Caterpillar C32 engine, the 6700D is designed for the toughest jobs.

With a feed opening of 66 x 50 inches (168 x 127 cm), the 6700D 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. System pressure transducers and remote monitoring capability simplify set up and provide

complete engine and system parameters.

Peterson's three-stage grinding process with an up turning rotor and large grate area enables the 6700D 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 large access door on the side wall.

The 6700D control panel provides self-diagnostics for faulty sensors and



The 6700D features a drum (left photo) or pinned (right photo) rotor.

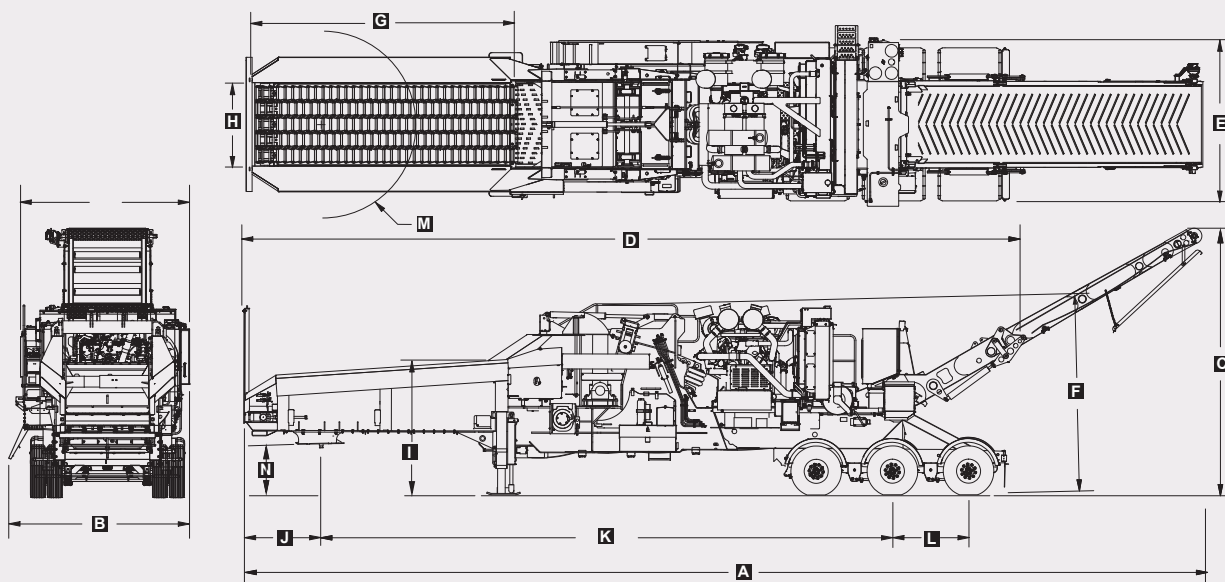
open circuits; it features a large display.

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.

6700D Dimensions



6700D Specifications

Scan with your smartphone
to see a video of the 6700D



Dimensions

| | |
|------------------------------|----------------------|
| A Operating Length | 62'-11" (19 m) |
| B Operating Width | 11'-10 1/4" (361 cm) |
| C Operating Height | 17'-6 5/16" (534 cm) |
| D Travel Length | 51'-1/4" (1562 cm) |
| E Travel Width | 11'-1" (338 cm) |
| F Travel Height | 12'-11 1/2" (395 cm) |
| G Hopper Length | 17'-6" (533 cm) |
| H Feed Conveyor Width | 66" (168 cm) |
| I Hopper Height | 8'-9" (267 cm) |
| J Front to 5th Wheel | 5'-2" (157 cm) |
| K 5th Wheel to Center Axle | 37'-6" (1143 cm) |
| L Axle Spacing | 60" (53 cm) |
| M 5th Wheel Clearance Radius | 6' (183 cm) radius |
| N 5th Wheel Height | 50" (127 cm) |

Weights

| | |
|------------------|------------------------|
| Machine Weight* | 98,000 lbs (44,452 kg) |
| Tri-Axle Weight* | 56,820 lbs (25,773 kg) |

*(depending on configuration)

Powertrain

| | |
|------------------------------|---|
| Engine | Caterpillar C32 |
| Horsepower | C32 @ 1125 hp (839 kW) Tier II or Tier IVi CAT engine |
| Clutch | PT Tech HPT015FX |
| Fuel Tank Capacity | 414 US gal (1567 L) |
| Main Hydraulic Tank Capacity | 95 US gal (360 L) |

Feed System

| | |
|--|---|
| Hopper Capacity | 11 yd ³ (8.4m ³) |
| Feed Chain | 5 sections, full hopper width |
| 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 Shaft Size | 7 1/2" (19 cm) |
| Rotor Width | 69 3/8" (176 cm) |
| Rotor Diameter | 46 1/2" (118 cm) |
| Rotor Speed | 840 rpm @ 2100 rpm (engine) |
| Bit Size (width x height) | 3" x 6 1/2" (7.6 cm X 16.5 cm) |
| Number of Bits | Drum Rotor 22, Pinned Rotor 20 |

Grate Data

| | |
|--------------------------|---|
| Number of Grate Sections | 4 |
| Total Grate Area | 5253 in ² (33 890cm ²) |
| Grate Coverage | 186 degrees |
| Grate Thickness | 1 1/2" (38.1mm) |

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 |
| <i>(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.)</i> | |

Specifications subject to change without notice.

PETERSON an Astec Industries Company

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