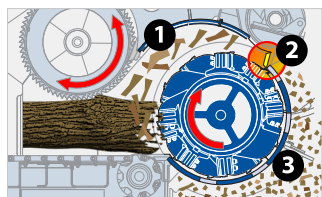


5700C Horizontal Grinder

High Production Waste Wood Grinding.



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.



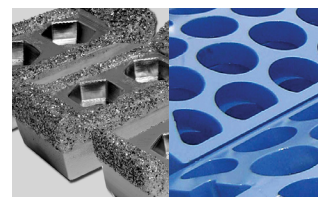
The Impact Release System Protects Your Investment

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.

Powered by a Caterpillar C27 engine making 1050 HP (772 kW), the Peterson 5700C horizontal grinder has the power to handle the toughest jobs. At 78,000 pounds (35 380 kg) the 5700C is designed for operations that require frequent moves between jobs without a special permit. With a feed opening of 60 x 40 inches (152 x 102 cm) combined with its high lift feed roll, the 5700C can readily reduce a wide range of material including stumps.

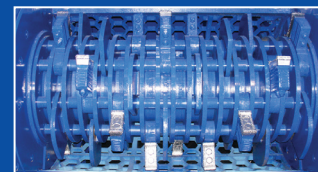
Peterson's three-stage grinding process with an up turning rotor and large grate area enables the 5700C to produce materials to exact specifications.

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.

The 5700C control panel provides self-diagnostics for faulty sensors and open circuits; it features a large LCD display. System pressure transducers and remote monitoring simplify set-up and provide complete engine and system parameters. The IQAN provides the operator with complete engine and system parameters to simplify set



The 5700C features a drum (left photo) or pinned (right photo) rotor.



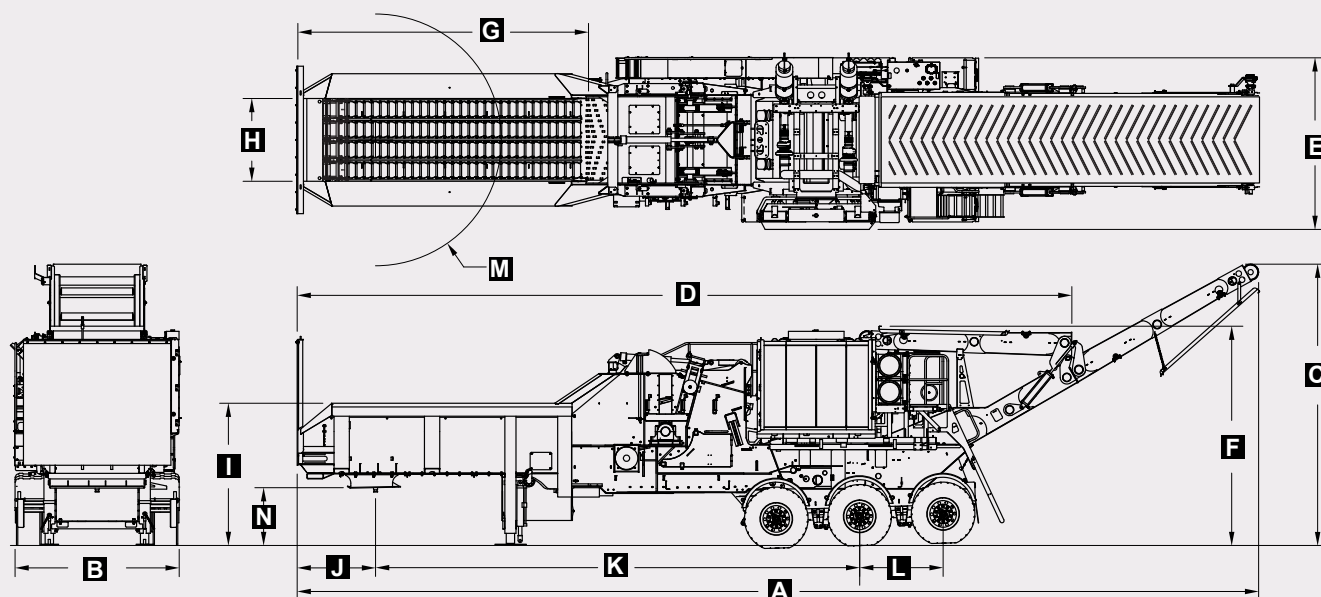
up to efficiently operate the unit. Fault indicators make trouble shooting easy.

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.

5700C Dimensions



5700C Specifications

Scan with your smartphone
to see a video of the 5700C



Dimensions

A Operating Length	57'-7" (18 m)
B Operating Width	10'-4" (315 cm)
C Operating Height	16'-10" (514 cm)
D Travel Length	46'-5" (1415 cm)
E Travel Width	9'-10" (300 cm)
F Travel Height	13'-2" (400 cm)
G Hopper Length	17'-5" (531 cm)
H Feed Conveyor Width	5'-0" (152 cm)
I Hopper Height	8'-6" (260 cm)
J Front to 5th Wheel	4'-8" (143 cm)
K 5th Wheel to Center Axle	29'-0" (884 cm)
L Axle Spacing	5'-0" (152 cm)
M 5th Wheel Clearance Radius	7'-6" (230 cm)
N 5th Wheel Height	3'-6" (106 cm)

Weights

Machine Weight*	78,000 lbs (35 380 kg)
Tri-Axle Weight*	54,000 lbs (24 490 kg)

*(depending on configuration)

Powertrain

Engine	Caterpillar C27 or C32
Horsepower	C27 950 HP (698 kW) Tier II C27 1050HP (772 kW) (standard) Tier II, C32 950HP (698 kW) Tier II
Clutch	PT Tech HPT015FX
Fuel Tank Capacity	330 U.S. gal (1249 L)
Hydraulic Oil Tank Capacity	95 U.S. gal (360 L)

Feed System

Hopper Capacity	8.8 yd ³ (6.7 m ³)
Feed Chain	4 sections, full hopper width
Feed Opening (width x height)	60" x 40" (152 x 102 cm)

Land Clearing Mode (width x height)	60" x 60" (152 x 152 cm)
Compression Roll Diameter (tip to tip)	36" (91.4 cm)

Rotor

Rotor Shaft Size	7 ³ / ₈ " (187 mm)
Rotor Width	63 ¹ / ₂ " (161 cm)
Rotor Diameter	40" (102 cm)
Rotor Speed	840 rpm @ 2100 engine rpm
Bit Size (width x height)	3 x 6 ¹ / ₂ " (76 x 165 mm)
Number of Bits	20 Drum Rotor, 18 Pinned Rotor

Grate Data

Number of Grate Sections	4
Total Grate Area	4060 in ² (26 193 cm ²)
Grate Coverage	182 degrees
Grate Thickness	1 ¹ / ₄ " (32 mm)

Discharge System

Conveyor Speed	480, 580, or 680 ft/min (146, 177, or 207 m/min)
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Optional Equipment

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

Production – C27 1050hp

Greenwaste	501 yd ³ / 138 US tons (383 m ³ / 125 metric tons) per hour
Scrap Board	591 yd ³ / 90 US tons (452 m ³ / 82 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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