

**Track Mounted
Heavy-Duty
Horizontal
Grinder**

2710C Tracked

**High Production
Waste Wood
Grinding with
the Flexibility of
Tracks**

The 2710C is Peterson's latest generation of high production track grinders. Powered by the Caterpillar C13 engine at 475 horsepower (354 kW) or a C15 at 580 (433 kW) horsepower, this model provides plenty of power in a compact grinder. At 59,000 pounds (27000 kg) the 2710C was designed for operations requiring high production and frequent moves between jobs. With a feed opening of 60¾ x 32 inches (1534 x 813 mm) combined with Peterson's high lift feed roll for an optional opening of up to 44 inches (1118 mm) high, the 2710C can readily reduce a wide range of material.

The 2710C utilizes Peterson's new generation of Impact Release System that can be set in the detent mode to provide consistent product sizing or switched to the floating anvil mode for a primary reduction where accurate sizing is less critical. The floating anvil mode provides a high production primary reduction with more protection from contaminated feedstocks and reduced fuel consumption.

The 2710C's new generation of controls includes Peterson's high production Adaptive Control System and a fully adjustable feed system that is optimized for a wide range of materials. The new control panel provides self-diagnostics for faulty sensors and open circuits. Fault indicators make trouble shooting easy. The 2710C control



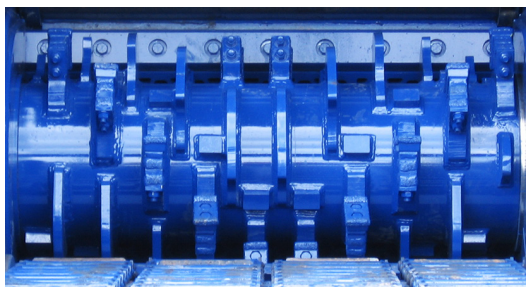
The 2710C makes grinding more efficient

panel features a large LCD display that provides the operator with complete engine and system parameters to simplify set up and efficiently operate the unit.

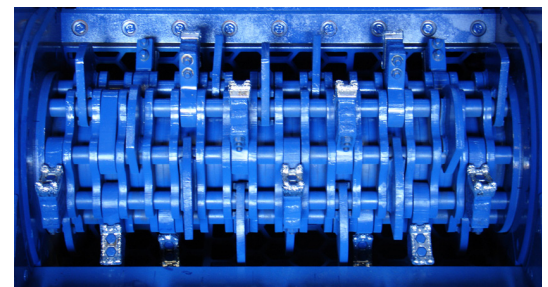
The 2710C features a large grate area that enables the 2710C to produce materials to exact specifications. Our quick-change multiple grate system makes it easy to customize grate configurations to produce a wide variety of finished materials. Grates are removed through an access door on the side wall of the 2710C.

Another major innovation included on the 2710C is Peterson's Impact Cushion System. Urethane cushions allow movement of the compression roll/anvil housing pivot shaft, cushioning impacts due to contaminants in the feed material. Shear pins above the cushion and a sensing circuit that stop the engine help protect the shaft from catastrophic damage in the event of a severe impact.

Peterson specializes in developing delivery and processing equipment that turns low-grade organic materials into high value products.



The drum rotor is ideal for land clearing, logging slash, green waste, scrap board

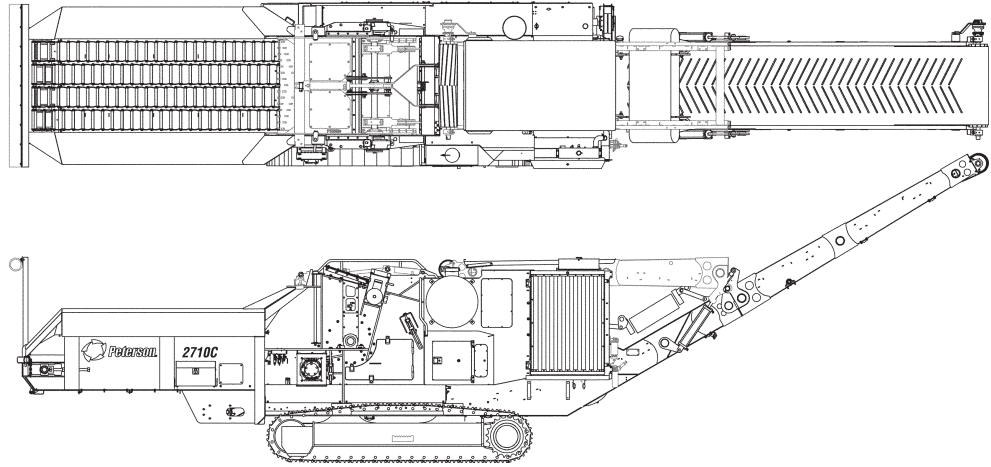
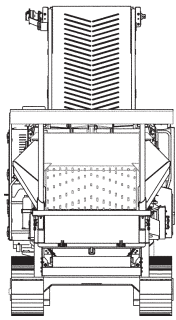


The pinned style rotor is ideal for grinding in tough, demanding applications



Peterson
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2710C Horizontal Grinder Specifications



General Dimensions

Operating Length	49'-9¼" (15.17 m)
Travel Length	37'-2" (11.33 m)
Operating Width	8'-6" (2.59 m)
Travel Width	8'-6" (2.59 m)
Operating Height	15'-10½" (4.83 m)
Travel Height	10'-5¾" (3.19 m)
Weight*	59,000 lbs (27000 kg)

*depending on options selected

Tracks

Ground Clearance	18¾" (476 mm)
Undercarriage	Hitachi ZX200-3
Track Type	Triple Grouser, 19¾" (500 mm) wide
Travel Speed	1 / 1.5 mph (1.6 / 2.4 kph)
Ground Pressure	11.0 lbs/in ² (75.8 kPa)

Powertrain

Engine	Caterpillar C13 or C15
Horsepower	475 hp (354 kW) or 580 hp (433 kW) @ 2100 rpm
Clutch	PT Tech HPTO
Fuel Tank Capacity	230 U.S. gal (871 L)
Main Hydraulic Tank Capacity	60 U.S. gal (227 L)

Feed System

Total Hopper Capacity	7 yd ³ (5.35 m ³)
Hopper Width	58" (1473 mm)
Hopper Length	12'-10" (3912 mm)
Infeed Chain	4 sections, full hopper width
Hopper Loading Height	7'- 10" (2388 mm)
Feed Opening (width x height)	60¾" x 32" (1534 x 813 mm)
Optional Feed Opening height	44" (1118 mm)
Compression Roll dia (tip to tip)	28" (711 mm)

Drum Rotor

Rotor Shaft Size	47/16" (113 mm) @ bearing, 5¾" (146 mm) @ center
Rotor Width	59¾" (1518 mm)
Rotor Speed	10,362 fpm (3158 mpm) @ 2100 rpm (engine)
Rotor Diameter	32" (813 mm)

Number of Bits	20
Bit Size (width x height)	2¾" x 5" (70mm x 127mm)

Pinned Rotor

Rotor Shaft Size	47/16" (113 mm) @ bearing, 6½" (165 mm) @ center
Rotor Width	59¾" (1518 mm)
Rotor Speed	10,362 fpm (3158 mpm) @ 2100 rpm (engine)
Rotor Diameter	32" (813 mm)
Number of Bits	18
Bit Size (width x height)	2¾" x 5" (70 mm x 127 mm)

Grate Data

Number of Grate Sections	4
Total Grate Area	3024 in ² (19509 cm ²)
Grate Coverage	180 degrees
Grate Thickness	1" (25 mm)

Discharge System

Discharge Conveyor Width	48" (1219 mm)
Conveyor Speed	500, 600, or 700 fpm (152, 183, or 213 mpm)
Discharge Height (top of head pulley)	15'-10½" (4829 mm)

Optional Equipment

- Feed Chain Return Pan
- Feed Endgate
- Magnetic Cross Belt Conveyor
- Scrap Metal Collection Box (requires cross belt magnet)
- Spiral Stump Splitter

Production – C13 475 hp

Greenwaste	214 yd ³ /62 US tons (164 m ³ /56 metric tons) per hour
Scrap board	262 yd ³ /24 US tons (200 m ³ /22 metric tons) per hour

Production – C15 580 hp

Greenwaste	264 yd ³ /77 US tons (201 m ³ /70 metric tons) per hour
Scrap Board	323 yd ³ /55 US tons (247 m ³ /50 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.)

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PO Box 40490 • Eugene, OR 97404 • Tel 800.269.6520 Fax 541.689.0804 • www.petersoncorp.com

