2710D Horizontal Grinder
Powerful, compact, and productive

The 2710D is designed for operations requiring high production and frequent moves between jobs.

The 2710D is powerful, with your choice of engines: Caterpillar Tier IV C15 580 hp (433 kW), C18 755 hp (563 kW), or optional Tier II C18 765 hp (570 kW) for export. Heavy duty and mobile, the 2710D has outstanding production throughput for a machine of this size.

The 2710D’s large feed opening is ideal for processing odd sized feed stock. Measuring 60 x 32 inches (153 x 81 cm), when boosted by Peterson’s high lift feed roll, the feed opening’s maximum lift of 44 inches (112 cm), is amongst the largest in its class.

The 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 2710D features a drum (left) or pinned (right) rotor.

The 2710D features a drum (left) or pinned (right) rotor.

Triple grouser, 19¾” (50 cm) wide tracks enables better handling on hilly or rocky terrain, maximizing your productivity.
### 2710D Dimensions

![Diagram of 2710D dimensions]

### 2710D Specifications

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>A Operating Length</th>
<th>52' 11&quot; (1612 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Operating Width</td>
<td>9' 3&quot; (282 cm)</td>
<td></td>
</tr>
<tr>
<td>C Operating Height</td>
<td>15' 9&quot; (480 cm)</td>
<td></td>
</tr>
<tr>
<td>D Travel Length</td>
<td>40' 8&quot; (1241 cm)</td>
<td></td>
</tr>
<tr>
<td>E Travel Width</td>
<td>8' 2&quot; (250 cm)</td>
<td></td>
</tr>
<tr>
<td>F Travel Height</td>
<td>11' 1&quot; (338 cm)</td>
<td></td>
</tr>
<tr>
<td>G Hopper Height</td>
<td>12' 7&quot; (383 cm)</td>
<td></td>
</tr>
<tr>
<td>H Hopper Diameter</td>
<td>7' 10&quot; (239 cm)</td>
<td></td>
</tr>
<tr>
<td>I Front to Track Length</td>
<td>13' 7&quot; (414 cm)</td>
<td></td>
</tr>
<tr>
<td>J Ground Clearance</td>
<td>1' 7&quot; (48 cm)</td>
<td></td>
</tr>
<tr>
<td>K Angle of Approach</td>
<td>13º</td>
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</table>

**Weight**

- Machine Weight: 68,100 lbs (30,900 kg)

**Powertrain**

- Engine: Caterpillar C15 Tier IV, 580 hp (433 kW)
- Caterpillar C18 Tier IV, 755 hp (563 kW)
- Caterpillar C15 Tier III, 580 hp (433 kW)
- Caterpillar C18 Tier II, 765 hp (570 kW)

**System Controls**

- Peterson Adaptive Control System, Remote Control, Peterson+ Analytics

**Feed System**

- Hopper Capacity: 5.6 yd³ (4.28 m³)
- Feed Chain: 4 sections, full hopper width
- Feed Conveyor Width: 4' 10" (147 cm)
- Feed Opening (width x height): 60" x 32" (153 x 81 cm)
- Land Clearing Mode: 60" x 44" (153 x 112 cm)
- Compression Roll diameter (tip to tip): 28" (71 cm)

**Rotor**

- Rotor Speed: 10,000 fpm (3048 mpm) @ 2100 rpm (engine)
- Rotor Shaft Size: 5" (130 mm) @ bearing, 5.75" (146 mm) @ center
- Rotor Diameter: 60" (152 cm)
- Bit Size (width x height): 2.75" x 5" (70 x 127 mm)
- Number of Bits: 20 drum rotor, 18 pinned rotor, 30 ASC rotor

**Grates**

- Number of Grate Sections: 4
- Total Grate Area: 21 ft² (1.95 m²)
- Grate Coverage: 180º
- Grate Thickness: 1" (25 mm)

**Discharge System**

- Discharge Conveyor Width: 48" (122 cm)
- Discharge Conveyor Height: 14' 9" (451 cm)
- Conveyor Speed: 500, 600, or 700 fpm (152, 183, or 213 mpm)

**Tracks**

- Track Type & Width: triple grouser, 18" (50 cm) wide
- Travel Speed: 1.0 / 2.0 mph (1.6 / 3.2 kph)
- Ground Pressure: 13.2 lbs/ in² (1 kPa)

**Production** per hour

<table>
<thead>
<tr>
<th>Engine</th>
<th>Greenwaste</th>
<th>Scrap</th>
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<tbody>
<tr>
<td>C15</td>
<td>264 yd³ (201 m³)</td>
<td>323 yd³ (247 m³)</td>
</tr>
<tr>
<td>C18</td>
<td>300 yd³ (229 m³)</td>
<td>368 yd³ (281 m³)</td>
</tr>
<tr>
<td>77 tons (70 tonnes)</td>
<td>55 tons (50 tonnes)</td>
<td></td>
</tr>
<tr>
<td>87.5 tons (79 tonnes)</td>
<td>62.6 tons (57 tonnes)</td>
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</table>

*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
- Feed Tailgate
- Crossbelt Magnet
- Scrap Metal Collection Box
- Magnetic Head Pulley

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**PETEY0N**

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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.