Features:

- **Advanced Milling System**
  - Automatic Load Control feature provides optimum cutting performance even in deep plunge-cuts
  - Optional Cat® Grade Control
    - Provides simple operation and precise performance
    - Ramp-in, ramp-out capability
  - Enhanced flush cut capability

- **Heavy-duty Powertrain**
  - Powerful Cat C9.3 ACERT™ engine meets U.S. EPA Tier 4 Final and EU Stage IV emission standards
  - Delivers 242 kW (325 hp) gross power

- **Simplified Service**
  - Large service doors provide quick, easy access
  - Electrical system color coded, numbered for easy identification and wrapped in nylon braid for protection
  - Extended hydraulic oil service intervals: 3,000 hours without oil sampling, 6,000 hours with oil sampling
  - Optional Accessory Drive System provides full operational control of main machine functions for assisted machine movement during maintenance and service
  - Electronic Control Module (ECM) monitors engine and systems, alerting operator to performance issues and providing troubleshooting information; full Cat Electronic Technician (Cat ET) support
  - Convenient parts availability and dealer locations

- **Robust Cutting System**
  - Heavy-duty dry clutch
  - Three cutting speeds, electronic selection
  - Rotor driven by molded, high tensile belts
  - Automatic belt-tensioning prevents slippage
  - Reinforced cutting chamber offers enhanced durability

- **Productive Work Environment**
  - Ergonomically arranged operators station
  - Controls are backlit and easy to use
  - Comfortable suspension seat and vibration-reducing floor mat
  - Optional remote cameras enhance visibility
  - Excellent work area lighting for worry-free low-light operation
  - Optional Power Canopy
  - Optional Dust Abatement System

- **Optimal Maneuverability and Control**
  - Mobile rear lifting column can be positioned inboard for flush cutting capability
  - Traction control system reduces slippage
PM310, PM312 and PM313 Cold Planer

Specifications

Operating Weight*

<table>
<thead>
<tr>
<th></th>
<th>TRACK</th>
<th>WHEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM310</td>
<td>21 655 kg (47,746 lb)</td>
<td>20 955 kg (46,203 lb)</td>
</tr>
<tr>
<td>PM312</td>
<td>21 842 kg (48,153 lb)</td>
<td>21 142 kg (46,610 lb)</td>
</tr>
<tr>
<td>PM313</td>
<td>21 946 kg (48,382 lb)</td>
<td>21 246 kg (46,839 lb)</td>
</tr>
</tbody>
</table>

Transport Weight**

<table>
<thead>
<tr>
<th></th>
<th>TRACK</th>
<th>WHEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM310</td>
<td>20 043 kg (44,187 lb)</td>
<td>19 343 kg (42,644 lb)</td>
</tr>
<tr>
<td>PM312</td>
<td>20 230 kg (44,560 lb)</td>
<td>19 530 kg (43,017 lb)</td>
</tr>
<tr>
<td>PM313</td>
<td>20 334 kg (44,829 lb)</td>
<td>19 634 kg (43,286 lb)</td>
</tr>
</tbody>
</table>

Powertrain

Engine Model: Cat C9.3 ACERT
Emissions: U.S. EPA Tier 4 Final / EU Stage IV
Operating Speed: 33 m/min (108 ft/min)
Maximum Travel Speed: Track: 5.5 km/h (3.4 mph), Wheel: 7.5 km/h (4.7 mph)

Cutting System

PM310 Milling Width: 1000 mm (39.4 in)
Number of Bits: 91
PM312 Milling Width: 1225 mm (48.2 in)
Number of Bits: 106
PM313 Milling Width: 1300 mm (51.2 in)
Number of Bits: 111
Maximum Cutting Depth: 330 mm (13 in)
Rotor Speeds: 97 / 109 / 121 rpm

Service Refill Capacities

<table>
<thead>
<tr>
<th></th>
<th>Fuel Tank</th>
<th>600 L (158.5 gal)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Diesel Exhaust Fluid (DEF) Tank</td>
<td>22 L (5.8 gal)</td>
</tr>
<tr>
<td></td>
<td>Cooling System</td>
<td>62 L (16.4 gal)</td>
</tr>
<tr>
<td></td>
<td>Engine Oil</td>
<td>30 L (7.9 gal)</td>
</tr>
<tr>
<td></td>
<td>Hydraulic Oil</td>
<td>59 L (15.8 gal)</td>
</tr>
<tr>
<td></td>
<td>Water Tank</td>
<td>1260 L (333 gal)</td>
</tr>
</tbody>
</table>

* Operating Weights are approximate and include coolant, lubricants, full fuel tank, full water tank and 75 kg (165 lb) operator.
** Transport Weights are approximate and include coolant, lubricants, 50% full fuel tank, and empty water tank.

Optional Equipment

- Cat Grade Control
- Warning Beacon
- Power Canopy
- Product Link™
- Hydraulic Folding Conveyor
- Additional Touchscreen Display
- Additional Water Spray System
- Cat Diamond Bits
- Air Compressor
- Dust Abatement System
- Remote Cameras
- High Pressure Washdown System
- Commissioning Support
- Ballast Kit
- Emergency Pump

Dimensions

<table>
<thead>
<tr>
<th></th>
<th>1 Overall Length, Conveyor Up</th>
<th>11.11 m</th>
<th>36.45 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2 Transport Length</td>
<td>9.32 m</td>
<td>30.58 ft</td>
</tr>
<tr>
<td></td>
<td>3 Maximum Machine Width</td>
<td>2.55 m</td>
<td>8.37 ft</td>
</tr>
<tr>
<td></td>
<td>4 Transport Width</td>
<td>2.55 m</td>
<td>8.37 ft</td>
</tr>
<tr>
<td></td>
<td>5 Minimum Machine Width</td>
<td>2.18 m</td>
<td>7.15 ft</td>
</tr>
<tr>
<td></td>
<td>6 Maximum Height, Raised Conveyor</td>
<td>5.15 m</td>
<td>16.89 ft</td>
</tr>
<tr>
<td></td>
<td>7 Height to Canopy</td>
<td>3.75 m</td>
<td>12.30 ft</td>
</tr>
<tr>
<td></td>
<td>8 Transport Height</td>
<td>3.00 m</td>
<td>9.84 ft</td>
</tr>
<tr>
<td></td>
<td>9 Maximum Truck Clearance</td>
<td>4.70 m</td>
<td>15.425 ft</td>
</tr>
<tr>
<td></td>
<td>10 Conveyor Swing</td>
<td>±60° from center</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum Left Cutting Radius</td>
<td>4.14 m</td>
<td>13.58 ft</td>
</tr>
<tr>
<td></td>
<td>Minimum Right Cutting Radius</td>
<td>1.92 m</td>
<td>6.30 ft</td>
</tr>
</tbody>
</table>

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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