Power is the hallmark of IronWolf’s Crusher 800 series. These machines easily handle the rockiest roads or toughest concrete. Featuring a powerful bite that is one of the deepest in IronWolf’s pack, the Crusher 800 series stabilizes to a maximum depth of 16 inches.

APPLICATIONS
- Asphalt Recycling
- Concrete Recycling
- Material Processing
- Mining and Material Production
- Reinforced Concrete Removal
- Rock Road Refurbishing
- Site Clearing
- Site Preparation and Excavation
- Soil Stabilization
### Engine Specifications

<table>
<thead>
<tr>
<th></th>
<th>840 CRUSHER</th>
<th>848 CRUSHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>(1) Caterpillar® C-15</td>
<td>(1) Caterpillar® C-15</td>
</tr>
<tr>
<td>Turbocharger</td>
<td>air-to-air aftercooler</td>
<td>air-to-air aftercooler</td>
</tr>
<tr>
<td>Rated Power @ 2,100 rpm</td>
<td>502 SAE net hp (373 kW)</td>
<td>502 SAE net hp (373 kW)</td>
</tr>
<tr>
<td>Cylinders</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Cylinders Displacement</td>
<td>928 cu. in. (15.2 L)</td>
<td>928 cu. in. (15.2 L)</td>
</tr>
<tr>
<td>Max Net Torque @ 1,400 rpm</td>
<td>1,819 lb.-ft. (2,466 Nm)</td>
<td>1,819 lb.-ft. (2,466 Nm)</td>
</tr>
<tr>
<td>Air Cleaner</td>
<td>Dual-Stage dry type</td>
<td>Dual-Stage dry type</td>
</tr>
<tr>
<td>Radiator</td>
<td>Mesabi®</td>
<td>Mesabi®</td>
</tr>
</tbody>
</table>

### Hydraulic System Specifications

<table>
<thead>
<tr>
<th></th>
<th>840 CRUSHER</th>
<th>848 CRUSHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Relief Pressure</td>
<td>6,000 psi (41,369 kPa)</td>
<td>6,000 psi (41,369 kPa)</td>
</tr>
<tr>
<td>Pumps</td>
<td>(2) Rexroth® 180 cc</td>
<td>(2) Rexroth® 180 cc</td>
</tr>
<tr>
<td>Motors</td>
<td>(2) Rexroth® 180 cc</td>
<td>(2) Rexroth® 180 cc</td>
</tr>
<tr>
<td>Maximum Flow</td>
<td>200 gpm (757 L/min)</td>
<td>200 gpm (757 L/min)</td>
</tr>
<tr>
<td>Filter, Return Oil</td>
<td>10 micron</td>
<td>10 micron</td>
</tr>
</tbody>
</table>

### Cutter Drives Specifications

<table>
<thead>
<tr>
<th></th>
<th>840 CRUSHER</th>
<th>848 CRUSHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>(2) O&amp;K® F-100</td>
<td>(2) O&amp;K® F-100</td>
</tr>
<tr>
<td>Total Ratio</td>
<td>21 to 1</td>
<td>21 to 1</td>
</tr>
</tbody>
</table>

### Capacities Specifications

<table>
<thead>
<tr>
<th></th>
<th>840 CRUSHER</th>
<th>848 CRUSHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Tank</td>
<td>165 gal. (625 L)</td>
<td>165 gal. (625 L)</td>
</tr>
<tr>
<td>Hydraulic System Reservoir</td>
<td>75 gal. (284 L)</td>
<td>75 gal. (284 L)</td>
</tr>
</tbody>
</table>

### Dry Weights Specifications

<table>
<thead>
<tr>
<th></th>
<th>840 CRUSHER</th>
<th>848 CRUSHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutter Assembly</td>
<td>20,722 lb. (9,399 kg)</td>
<td>25,074 lb. (11,373 kg)</td>
</tr>
<tr>
<td>Engine Package</td>
<td>10,700 lb. (4,853 kg)</td>
<td>10,700 lb. (4,853 kg)</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>840 CRUSHER</th>
<th>848 CRUSHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Width of Cutter Assembly</td>
<td>114 in. (2,896 mm)</td>
</tr>
<tr>
<td>B</td>
<td>Length of Cutter Assembly</td>
<td>88 in. (2,235 mm)</td>
</tr>
<tr>
<td>C</td>
<td>Height of Cutter Assembly</td>
<td>50 in. (1,270 mm)</td>
</tr>
<tr>
<td>D</td>
<td>Diameter of Drum</td>
<td>40 in. (1,016 mm)</td>
</tr>
<tr>
<td>E</td>
<td>Maximum Cutting Depth</td>
<td>12 in. (305 mm)</td>
</tr>
<tr>
<td>F</td>
<td>Cutting Width</td>
<td>96 in. (2,438 mm)</td>
</tr>
<tr>
<td>G</td>
<td>Width of Engine Package</td>
<td>115 in. (2,921 mm)</td>
</tr>
<tr>
<td>H</td>
<td>Length of Engine Package</td>
<td>54 in. (1,372 mm)</td>
</tr>
<tr>
<td>I</td>
<td>Height of Engine Package</td>
<td>98 in. (2,489 mm)</td>
</tr>
</tbody>
</table>

### Options

- **Heavy Cutter Assembly**: Increases weight per tooth ratio. Adds 3,925 lbs (1,780 kg) to the cutter assembly. To the cutter assembly.

- **Cutter Tilt**: Enables side to side grade control up to 7 degrees of tilt.

- **Cutter Drum Patterns**: Optimizes production for particular applications.

### Recommended Carrier Machine

- **CAT 966**, John Deere 744J, CAT 972, John Deere 824J, or equivalent wheel loader or larger. The 840 Crusher with the heavy cutter assembly or tilt option requires a CAT 966, John Deere 824J, or equivalent wheel loader or larger.

- **848 CRUSHER**: With the heavy cutter assembly or tilt option requires a CAT 980, John Deere 824J, or equivalent wheel loader or larger.