**Titan™ T500 Cone Crusher**

**Crusher**
- Full top service
- Patented Hybrid Bearings
  - More stable cone head
  - Higher capacity
  - Less friction
  - Allows easy, more frequent bearing inspection
- Re-usable Concave Collet
  - No wedges or sledge hammer required
- Patented Thread Scraper
- Metric Design
- Thread Locking Mechanism
- Patented Anti-Spin System
  - Hydraulic restraint
  - Uses cone-lube oil
  - Automatic reset
  - Less parts/repair cost
- Balanced eccentric assembly
  - No socket or socket liner to remove
- FEA Stress Analysis
- Cast Steel Frame With Bronze Radial and Thrust Bearings
- Hydraulic Relief and Clearing System
- Dynamic Bowl Adjust System
- Receiving hopper
- Manganese chamber liners
- Per-wired alarm panel and hydraulics operation panels
- Basic tool kit
- Operation and maintenance manuals

**Oil Lube System**
- 10/15HP oil pump assembly
- 95gal (360L) tank oil
- Oil filter(s)
- (2) 3kW oil heaters

**Hydraulic System**
- 15/20HP pump assembly
- 30gal (114L) tank
- Pressure and return filters
- 3kW oil heater, cooler, and control panel with pendant

**TRAC10® Automation System (Optional)**
- Operator Interface Terminal - 12” full color touchscreen display
- Remote crusher setting adjustment and tracking
- Overload protection
- Automatic liner calibration
- Liner wear tracking and compensation
- Ability to modify settings while crushing
- Parameter history, alarm logging, and PLC communication
- Package can operate up to 4 crushers with one display

**Crusher Options**
- Electric motor(s)
- Motor slide rails
- V-belt drive and guard
- Air-to-oil cooling system
- High ambient/high altitude air-to-oil cooling system
- Cold weather package
- Stationary feed basket
- Deluxe tool kit including all lifting devices
- TRAC10® Automatic power adjust mode
- TRAC10® Automatic feed control
- TRAC10® Wi-Fi connection
- TRAC10® Remote diagnostics package
**Dimensions**

<table>
<thead>
<tr>
<th></th>
<th>T200</th>
<th>T300</th>
<th>T400</th>
<th>T500</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>66.20&quot;(1,682 mm)</td>
<td>74.85&quot;(1,902 mm)</td>
<td>80.05&quot;(2,034 mm)</td>
<td>88.68&quot;(2,253 mm)</td>
</tr>
<tr>
<td>B</td>
<td>59.20&quot;(1,504 mm)</td>
<td>67.85&quot;(1,724 mm)</td>
<td>73.06&quot;(1,856 mm)</td>
<td>81.68&quot;(2,075 mm)</td>
</tr>
<tr>
<td>C</td>
<td>18.11&quot;(460 mm)</td>
<td>19.29&quot;(490 mm)</td>
<td>20.58&quot;(523 mm)</td>
<td>57.25&quot;(1,455 mm)</td>
</tr>
<tr>
<td>D</td>
<td>39.76&quot;(1,010 mm)</td>
<td>44.49&quot;(1,131 mm)</td>
<td>48.82&quot;(1,241 mm)</td>
<td>74.69&quot;(1,898 mm)</td>
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<tr>
<td>E</td>
<td>46.85&quot;(1,190 mm)</td>
<td>55.75&quot;(1,417 mm)</td>
<td>65.11&quot;(1,654 mm)</td>
<td>107.09&quot;(2,721 mm)</td>
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<tr>
<td>F</td>
<td>62.60&quot;(1,591 mm)</td>
<td>74.80&quot;(1,900 mm)</td>
<td>92.52&quot;(2,351 mm)</td>
<td>114.34&quot;(2,905 mm)</td>
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<tr>
<td>G</td>
<td>77.08&quot;(1,958 mm)</td>
<td>89.87&quot;(2,283 mm)</td>
<td>105.75&quot;(2,687 mm)</td>
<td>57.09&quot;(1,451 mm)</td>
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<tr>
<td>H</td>
<td>35.94&quot;(913 mm)</td>
<td>45.37&quot;(1,152 mm)</td>
<td>54.44&quot;(1,383 mm)</td>
<td>41.14&quot;(1,045 mm)</td>
</tr>
<tr>
<td>J</td>
<td>41.14&quot;(1,045 mm)</td>
<td>44.49&quot;(1,131 mm)</td>
<td>51.31&quot;(1,304 mm)</td>
<td>57.25&quot;(1,455 mm)</td>
</tr>
<tr>
<td>L</td>
<td>42.91&quot;(1,090 mm)</td>
<td>51.97&quot;(1,321 mm)</td>
<td>65.35&quot;(1,660 mm)</td>
<td>69.59&quot;(1,766 mm)</td>
</tr>
<tr>
<td>M</td>
<td>21.46&quot;(546 mm)</td>
<td>25.98&quot;(660 mm)</td>
<td>32.68&quot;(831 mm)</td>
<td>34.75&quot;(883 mm)</td>
</tr>
<tr>
<td>N</td>
<td>51.57&quot;(1,310 mm)</td>
<td>62.99&quot;(1,600 mm)</td>
<td>74.41&quot;(1,891 mm)</td>
<td>83.45&quot;(2,120 mm)</td>
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<tr>
<td>O</td>
<td>21.46&quot;(546 mm)</td>
<td>25.98&quot;(660 mm)</td>
<td>32.68&quot;(831 mm)</td>
<td>34.75&quot;(883 mm)</td>
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<tr>
<td>P</td>
<td>42.91&quot;(1,090 mm)</td>
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<td>69.50&quot;(1,766 mm)</td>
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**Crusher Specifications**

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<thead>
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<th>T400</th>
<th>T500</th>
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</thead>
<tbody>
<tr>
<td>Head Diameter</td>
<td>36&quot; (915 mm)</td>
<td>44&quot; (1,120 mm)</td>
<td>52&quot; (1,321 mm)</td>
<td>57&quot; (1,450 mm)</td>
</tr>
<tr>
<td>Operating Range</td>
<td>900 - 1,100 RPM</td>
<td>850 - 1,050 RPM</td>
<td>825 - 1,050 RPM</td>
<td>825 - 1,050 RPM</td>
</tr>
<tr>
<td>Maximum Feed Size*</td>
<td>8.70&quot; (220 mm)</td>
<td>11.20&quot; (285 mm)</td>
<td>12.30&quot; (314 mm)</td>
<td>14.20&quot; (361 mm)</td>
</tr>
<tr>
<td>Clearing Stroke</td>
<td>7&quot; (178 mm)</td>
<td>7&quot; (178 mm)</td>
<td>7&quot; (178 mm)</td>
<td>7&quot; (178 mm)</td>
</tr>
<tr>
<td>Horsepower</td>
<td>200 (150kw)</td>
<td>300 (225kw)</td>
<td>400 (300kw)</td>
<td>500 (375kw)</td>
</tr>
<tr>
<td>Total Weight</td>
<td>22,000 lbs (9,979 kgs)</td>
<td>35,800 lbs (16,239 kgs)</td>
<td>51,800 lbs (23,496 kgs)</td>
<td>75,100 lbs (34,065 kgs)</td>
</tr>
<tr>
<td>Upper Frame Assembly with Liner</td>
<td>8,000 lbs (3,629 kgs)</td>
<td>12,900 lbs (5,851 kgs)</td>
<td>18,000 lbs (8,165 kgs)</td>
<td>26,500 lbs (12,020 kgs)</td>
</tr>
<tr>
<td>Main Frame Assembly with Main Shaft and Liners</td>
<td>8,790 lbs (3,987 kgs)</td>
<td>12,200 lbs (5,534 kgs)</td>
<td>17,800 lbs (8,074 kgs)</td>
<td>26,900 lbs (12,202 kgs)</td>
</tr>
</tbody>
</table>

*Feed sizes and the minimum operating CSS is affected by the feed gradation, type of material, fines content, feed distribution, moisture content, feed rate and other site specific operating conditions.

**NOTE:** CONSULT FACTORY FOR EXACT DIMENSIONS, specifications are subject to change without notice. Continuous design progress makes it necessary that specifications be subject to change without notice. All sales of the products of Telsmith, Inc. are subject to the provisions of their standard warranty. Telsmith, Inc do not warrant or represent that their products meet any federal, state, or local statutes, codes, ordinances, rules, standards or other regulations, including OSHA and MSHA, covering safety, pollution, electrical wiring, etc. Compliance with these statutes and regulations is the responsibility of the user and will be dependent upon the area and the use to which the product is put by the user. In some photographs, guards may have been removed for illustrative purposes only. This equipment should not be operated without all guards attached in their normal position. Placement of guards and other safety equipment is often dependent upon the area and how the product is used. A safety study should be made by the user of the application, and, if required additional guards, warning signs and other safety devices should be installed by the user, wherever appropriate before operating the products.