

TITAN® T300

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

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

Hydraulic System

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

TRAC10® Automation System (Optional)

- Operator Interface Terminal
- 12 in full color touch screen 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

Physical/Operating Characteristics

Dimension	Imperial	Metric
A	74.85"	1,902 mm
B	67.85"	1,724 mm
C	19.29"	490 mm
D	44.49"	1,131 mm
E	55.75"	1,417 mm
F	74.80"	1,900 mm
H	89.87"	2,283 mm
I	42in	1,067 mm
J	44.49"	1,131 mm
L	51.97"	1,321 mm
M	25.98"	660 mm
N	62.99"	1,600 mm
O	25.98"	660 mm
P	51.97"	1,321 mm

Dimension	Standard	Metric
Head Diameter	44"	1,120 mm
Operating Range	850 - 1,050 RPM	
Maximum Feed Size*	11.20"	285 mm
Clearing Stroke	7"	178 mm
Horsepower	300 hp	225 kw
Total Weight	35,800 lb	16,239 kg
Upper Frame Assembly with Liner	12,900 lb	5,851 kg
Main Frame Assembly with Main Shaft and Liners	12,200 lb	5,534 kg

