

TITAN® T400

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

- 15/20 hp pump assembly
- 30 gal (114L) 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	Standard	Metric
A	80.05"	2,034mm
B	73.05"	1,856mm
C	20.58	523mm
D	48.82"	1,241mm
E	65.11"	1,654mm
F	92.52"	2,351mm
H	105.75"	2,687mm
I	54.44"	1,383mm
J	51.31"	1,304mm
L	65.35"	1,660mm
M	32.68"	831mm
N	74.41"	1,891mm
O	32.68"	831mm
P	65.35"	1,660mm

Dimension	Standard	Metric
Head Diameter	52"	1,321mm
Operating Range	825 - 1,050 RPM	
Maximum Feed Size*	12.30"	314mm
Clearing Stroke	7"	178mm
Horsepower	400hp	300kw
Total Weight	51,800lb	23,496kg
Upper Frame Assembly with Liner	18,000lb	8,165kg
Main Frame Assembly with Main Shaft and Liners	17,800lb	8,074kg

