

# Titan™ T200 Cone Crusher



## Crusher

- Full top service
- Patented Hybrid Bearings
  - o More stable cone head
  - o Higher capacity
  - o Less friction
  - o Allows easy, more frequent bearing inspection
- Re-usable Concave Collet
  - o No wedges or sledge hammer required
- Patented Thread Scraper
- Thread Locking Mechanism
- Balanced Eccentric Assembly
  - o No socket or socket liner to remove
- FEA Stress Analysis
- Cast Steel Frame with Bronze Radial and Thrust Bearings
- Hydraulic Relief and Clearing System
- Hydraulic Bowl Adjust System
- Receiving hopper
- Manganese chamber liners
- Manual hydraulic controls
- Basic tool kit
- Operation and maintenance manuals

## Oil Lube System

- 10HP oil pump assembly
- 55gal (208L) tank oil
- Oil filter
- (1) 3kW oil heaters
- Pre-wired basic alarm package

## Hydraulic System

- 15HP pump assembly
- 20gal (76L) tank
- Pressure and return filters
- 1/3HP oil cooler

## TRAC10® Automation System (Optional)

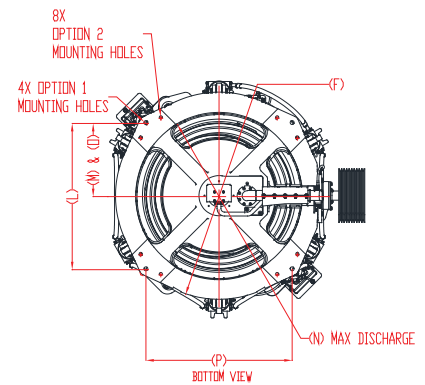
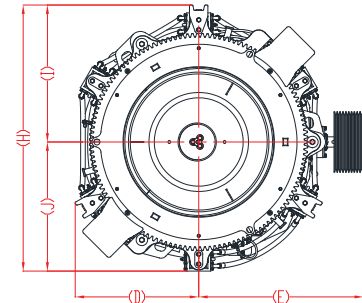
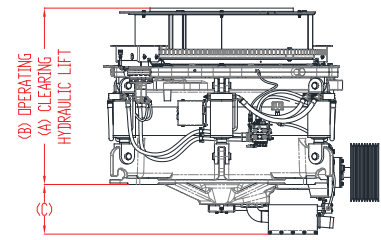
- Pre-wired automation system controls
- Operator interface terminal - 12" full color touchscreen display
- Remote crusher setting adjustment and tracking
- Overload protection
- Dynamic Bowl Adjust System
- Automatic liner calibration
- Liner wear tracking and compensation
- Ability to modify settings while crushing
- Parameter history, alarm logging, and PLC communication
- Package can operate up to 4 crushers with one display

## Crusher Options

- Patented Anti-Spin System
  - o Fluid break
  - o Automatic reset (not mechanical)
- Transformer enclosure for basic alarm package
- Electric motor
- 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

	T200	T300	T400	T500
<b>A</b>	66.20" (1,682 mm)	74.85" (1,902 mm)	80.05" (2,034 mm)	88.68" (2,253 mm)
<b>B</b>	59.20" (1,504 mm)	67.85" (1,724 mm)	73.05" (1,856 mm)	81.68" (2,075 mm)
<b>C</b>	18.11" (460 mm)	19.29" (490 mm)	20.58 (523mm)	
<b>D</b>	39.76" (1,010 mm)	44.49" (1,131 mm)	48.82" (1,241 mm)	57.25" (1,455 mm)
<b>E</b>	46.85" (1,190 mm)	55.75" (1,417 mm)	65.11" (1,654 mm)	74.69" (1,898 mm)
<b>F</b>	62.60" (1,591 mm)	74.80" (1,900 mm)	92.52" (2,351 mm)	107.09" (2,721 mm)
<b>H</b>	77.08" (1,958 mm)	89.87" (2,283 mm)	105.75" (2,687 mm)	114.34" (2,905 mm)
<b>I</b>	35.94" (913 mm)	45.37" (1,153mm)	54.44" (1,383 mm)	57.09" (1,451 mm)
<b>J</b>	41.14" (1,045 mm)	44.49" (1,131 mm)	51.31" (1,304 mm)	57.25" (1,455 mm)
<b>L</b>	42.91" (1,090 mm)	51.97" (1,321 mm)	65.35" (1,660 mm)	69.5" (1,766 mm)
<b>M</b>	21.46" (546 mm)	25.98" (660 mm)	32.68" (831 mm)	34.75" (883 mm)
<b>N</b>	51.57" (1,310 mm)	62.99" (1,600 mm)	74.41" (1,891 mm)	83.45" (2,120 mm)
<b>O</b>	21.46" (546 mm)	25.98" (660mm)	32.68" (831 mm)	34.75" (883 mm)
<b>P</b>	42.91" (1,090 mm)	51.97" (1,321 mm)	65.35" (1,660 mm)	69.50" (1,766 mm)



## Crusher Specifications

	T200	T300	T400	T500
<b>Head Diameter</b>	36" (915 mm)	44" (1,120 mm)	52" (1,321 mm)	57" (1,450 mm)
<b>Operating Range</b>	900 - 1,100 RPM	850 - 1,050 RPM	825 - 1,050 RPM	825 - 1,050 RPM
<b>Maximum Feed Size*</b>	8.70" (220 mm)	11.20" (285 mm)	12.30" (314 mm)	14.20" (361mm)
<b>Clearing Stroke</b>	7" (178 mm)	7" (178 mm)	7" (178 mm)	7" (178 mm)
<b>Horsepower</b>	200 (150kw)	300 (225kw)	400 (300kw)	500 (375kw)
<b>Total Weight</b>	22,000 lbs (9,979 kgs)	35,800 lbs (16,239 kgs)	51,800 lbs (23,496 kgs)	75,100lbs (34,065 kgs)
<b>Upper Frame Assembly with Liner</b>	8,000 lbs (3,629 kgs)	12,900 lbs (5,851kgs)	18,000 lbs (8,165 kgs)	26,500 lbs (12,020 kgs)
<b>Main Frame Assembly with Main Shaft and Liners</b>	8,790 lbs (3,987 kgs)	12,200 lbs (5,534 kgs)	17,800 lbs (8,074 kgs)	26,900 lbs (12,202 kgs)

\*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.



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