

**CEDARAPIDS®**  
A TEREX BRAND

Cone Crushers

TC1150



# Cedarapids® Static

## TC1150 Cone Crusher

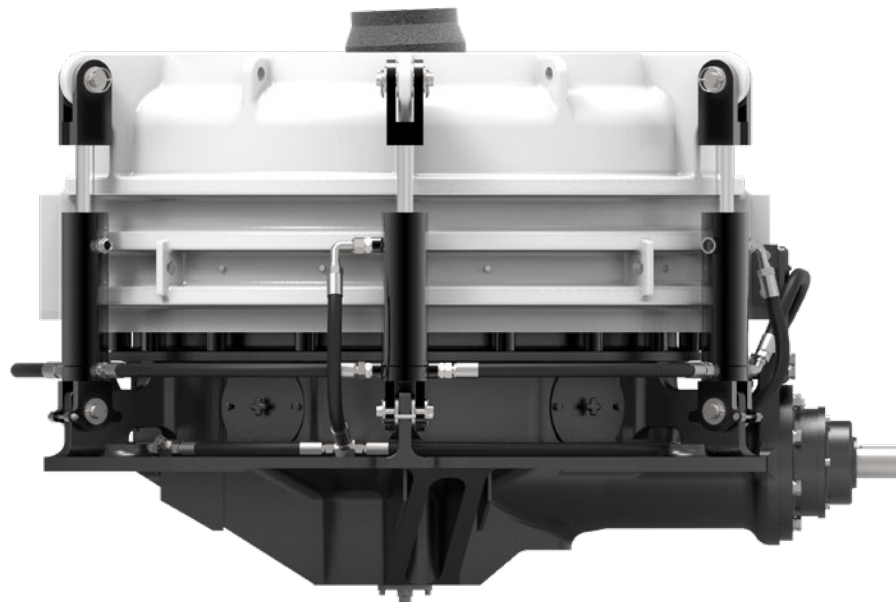
The TC1150 cone crusher provides an excellent reduction and product cubicity for the production of high quality aggregate and sub-base material.

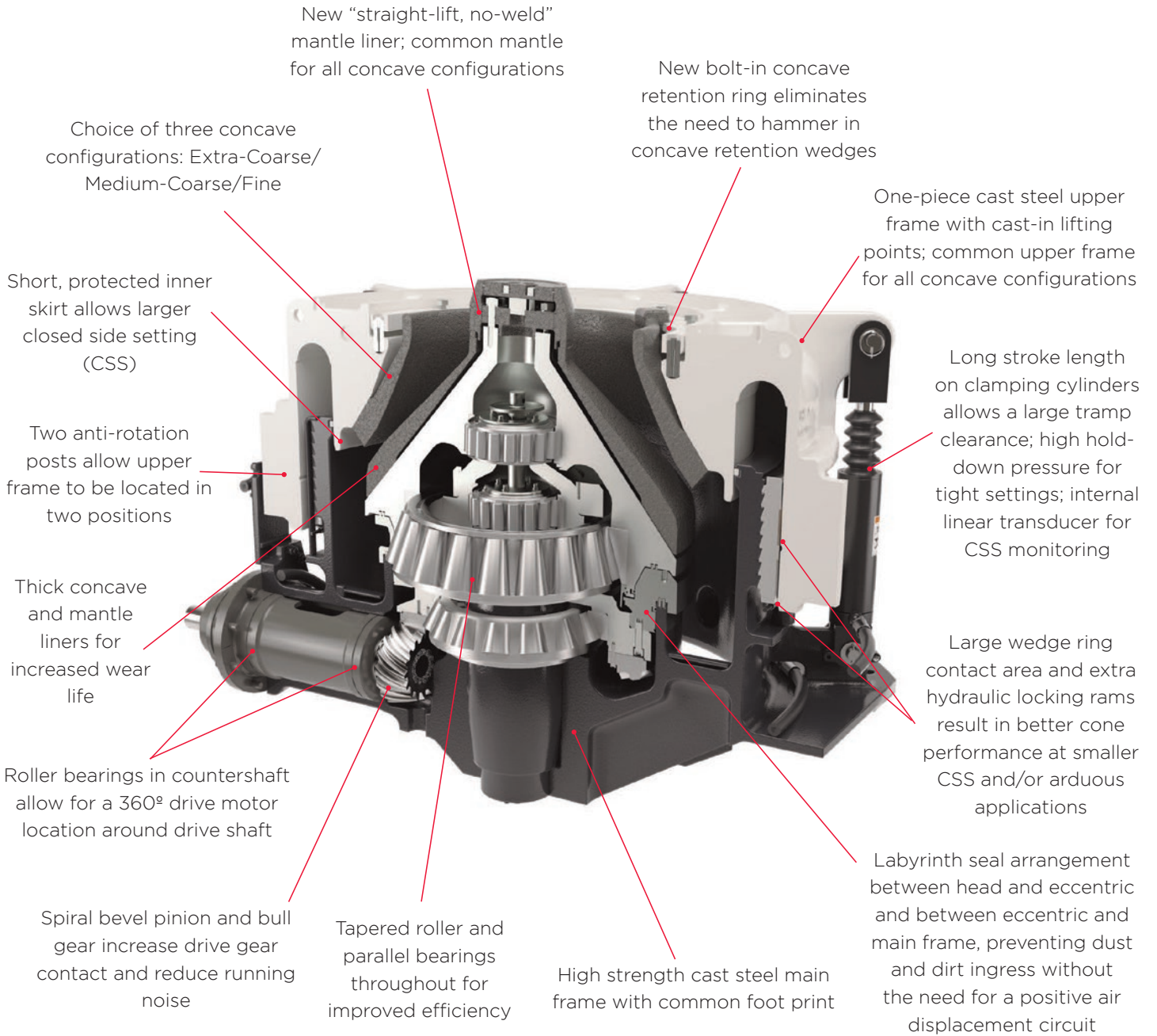
	Metric	Imperial
Motor Size	225 kW	300 hp
Cone Head Diameter (nominal)	1150 mm	45"
Maximum Feed Size	220 mm	8.5"
Maximum Closed Side Setting	45 mm	1.75"
Capacity @ 1" (25 mm) CSS	220 - 260 MTPH	240 - 285 STPH
Basic Crusher Weight	14,225 kg	31,360 lb
Bearing Type Thrust	Taper Roller	
Bearing Type Radial	Roller	
Adjustment	Hydraulic Cylinder	

Note: Listed throughput capacity, maximum feed size and motor requirements are approximate and will vary depending on material properties, feed gradation, moisture content, chamber selection, feed method and other site specific operating conditions

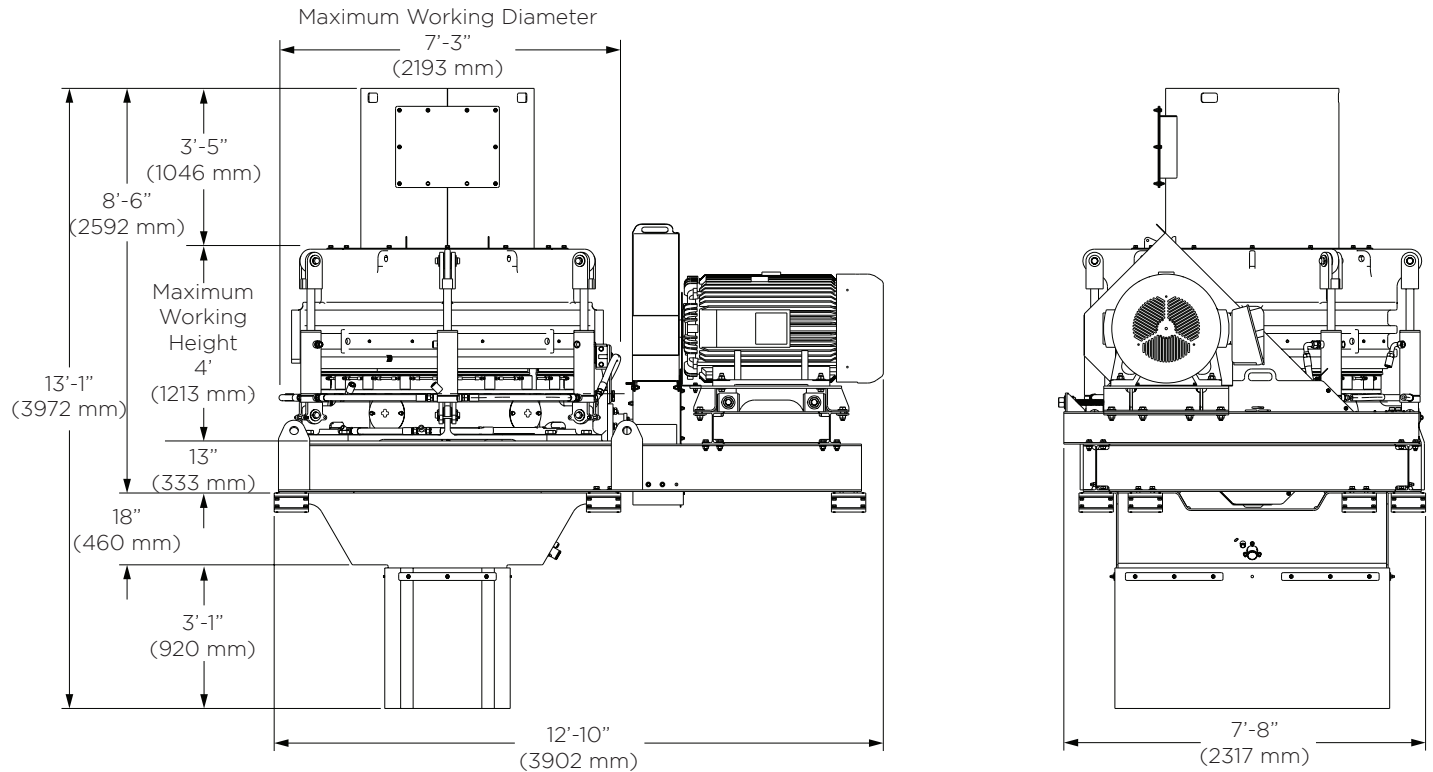
### Features & Benefits

- Rugged, high performance design derived from the proven TC1000 and TC1300 cone crushers
- Advanced crusher geometry with high output capacity and excellent product shape
- Energy efficient roller bearing design
- Large throw eccentric @ 300 hp (225 kW)
- Maximum closed side setting - 1.75" (45 mm)
- One-piece upper frame for all concave liner configurations - with 1x common mantle
- New "no-hit" concave retention system
- New "no-weld" mantle liner retention system and torch ring
- Three liner configurations - medium, coarse, standard
- Thick, long wear life liners
- Maximum feed size - medium coarse 7.5" (190 mm)
- Variable speed range to suit application requirements - 1565 rpm to 1700 rpm at countershaft
- Spiral bevel drive gear train reduces running noise
- Ability to adjust closed side setting "on-the-fly"
- Automatic hydraulic overload protection
- Large stroke tramp iron clearance
- High hydraulic clamp pressure assists crushing at small closed side settings
- Easy access external hydraulic controls
- Free standing hydraulic control package - including TC electronic control module
- Crusher hopper





## Dimensions



Dimension drawing shown with optional electric motor and full live frame assembly including drive kit, guarding, anti-vibration mounts and discharge chute.

## Optional Equipment

- Electric motor 300 hp (225 kW) 400V/460V, 50Hz/60Hz
- Drive kit including drive motor pulley and V-belts
- Live frame assembly including guarding and discharge chute
- Full live frame assembly including drive kit, guarding, six anti-vibration mounts and discharge chute
- Four anti-vibration mounts (crusher only)
- Extra coarse concave - maximum feed size 8.5" (220 mm)
- Fine concave - maximum feed size 4.25" (110 mm)
- Short throw eccentric @ 250 hp (185 kW)

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