

Telsmith T900 CONE CRUSHER



Optional Equipment:

- 662 kW [900 HP] crusher duty electric motor
- Motor base with tensioning system
- V-belt drive
- V-belt drive guard
- Air-to-oil cooling system
- High ambient air-to-oil cooling system
- Cold weather package
- Feed basket
- Redundant lubrication motor, pump and filter
- Redundant hydraulic filter
- Automation upgrade [Color, touchscreen display]
- Automation upgrade [Multiple crushers with single display]
- Automation upgrade [Auto feed control]

New Telsmith T900 Cone Crusher complete with:

- 2045 mm [80.5 in] diameter head
- 2185 mm [86.0 in] feed opening
- Replaceable main frame liners
- Bronze radial and thrust bearings
- Bronze main frame seat liners
- Tapered roller bearings on countershaft
- Spiral bevel gear and pinion
- Anti-Spin assembly
- Wide range of liner profiles
- 8 cylinder, 172 Bar [2,500 PSI] hydraulic relief and clearing system
- Integrated support bowl locking system

Hydraulic Power Unit including:

- 56 kW [75 HP] motor (460/3/60 Standard)
- 568 L [150 gal] reservoir
- Pressure filter and return filter
- Piston type pump

Lube Package including:

- 37 kW [50 HP] electric motor
- 1893 L [500 gal] reservoir
- 568 LPM [150 GPM] gear pump
- Water-to-oil cooling standard
- 4 Element cartridge style lube oil filter
- Oil heaters

Automation Package including:

- Trac10® Automation

T900 Cone Crusher

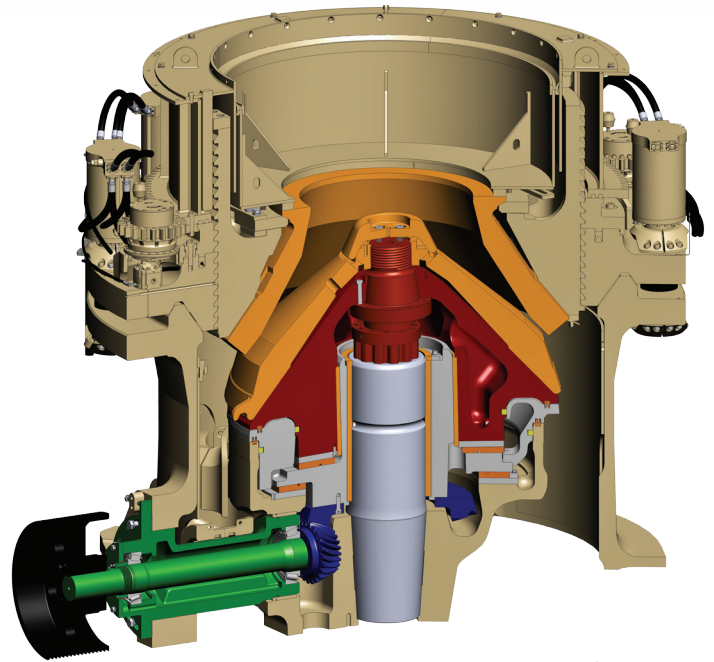
T900 Weights

Component	Weight (kg)	Weight (lbs)
Complete Crusher	127,000 kg	280,000 lbs
Main Frame Assembly	43,000 kg	95,000 lbs
Eccentric Assembly	20,000 kg	9,000 lbs
Head Assembly	17,000 kg	37,500 lbs
Upper Frame Assembly	55,500 kg	122,000 lbs

Note: Weights are approximate and based on a standard cone. Incorporating additional options will increase the weight.

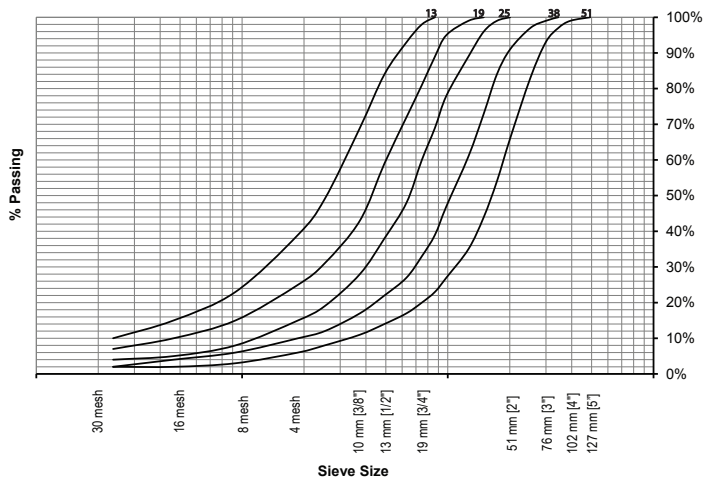
T900 Chamber Profiles

Bowl	Recommended Minimum Closed Side Setting (CSS)		Feed Opening at Minimum Closed Side Setting			
			Open		Closed	
No. 3	19 mm	0.70"	97 mm	3.8"	58 mm	2.3"
No. 5	25 mm	1.00"	146 mm	5.8"	112 mm	4.4"
No. 7	30 mm	1.20"	213 mm	8.4"	154 mm	6.1"
No. 10	36 mm	1.40"	287 mm	11.3"	229 mm	9.0"
No. 15	45 mm	1.80"	401 mm	15.8"	348 mm	13.7"

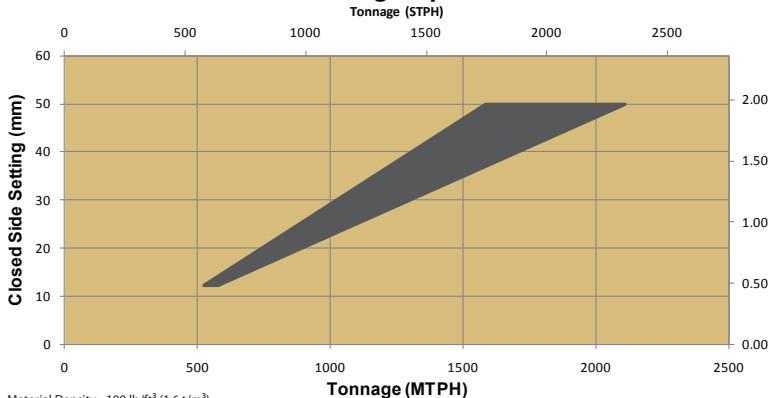


T900 Product Gradations

Crusher Settings



Crushing Capacities



Material Density - 100 lb/ft³ (1.6 t/m³)

