

Terex<sup>®</sup> MPS Modular Plants

# MC1300 Cone Module



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# MC1300 Cone Module

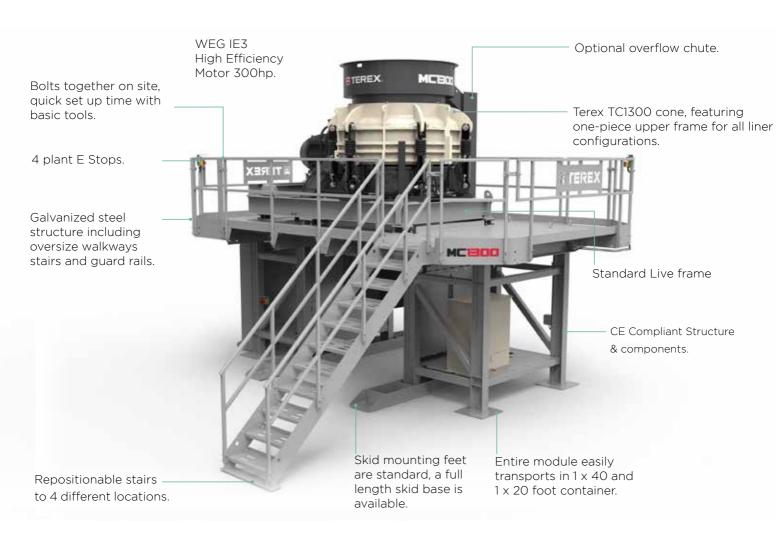
Flexible, Robust Design with Logistics in Mind Designed around our proven, high-performance TC1000 & TC1150 cones, our TC1300 offers a nominal cone head diameter of 51"(1300 mm). It features a one-piece upper frame for all liner configurations, a no-hit concave and new mantle liner retention systems. Other enhancements include greater tramp clearance and increased clamp hold down pressure. Options include an anti-spin device and an upgraded platform offering wider walkways plus easier maintenance access.

# Key Features

- Fast set-up time
- Ease of operation
- On-site assembly with minimal wiring
- Integrates with existing plant configuration
- All electric
- Compact can be transported in containers and by road
- Robust, weather-protected panels with user-friendly controls
- Galvanized steel structures including walkways, stairs and guard rails
- Extra heavy-duty I-beam frames
- CE-compliant modules, structures and components
- Universal Platform

## Controls

- Manual/Automatic one touch startup with start sequencing
- Flexibility to remove standard base cone control panel ACE6 and option to add switchgear panel
- Eriez Metal detector kit



## Commonality

- Standard live frame and drive kit with MPS Static/Portable
- Standard Base Cone Controls "ACE6"
- Flexibility to interchange TC1150 with standard TC1000 & TC1300 Cone crusher and components
- Ability to Plug & Play with standard TC components & parts where practical

## Durability

- Fully Galvanised Structure
- All electric
- Heavy Duty Nema Type 12 / IEC60529
  Control Panel (Hoffman style)
- Rock Box design discharge chute

## Set Up

- Easy assemble and disassemble
- Pre-assembled sections to enable quick set up time and as few lifts as possible from container
- Pre-wired

## Transport

- 1 x 40' Standard Open Top Container
- + 1 x 20' for Cone Open Top Container

#### Options

- Overflow Chute
- Electrical Switch Gear
- Off Plant conveyor starter kit
- Ultrasonic Level Control
- Operator working light kit
- Cone Feed Camera kit

### Main Components

Galvanized Modular Structure, steps and guardrails 23,654 Kg 52,150 lbs

## **Cone Specifications**

| Approximate Component Weights & Basic Dimensions |          |            |  |  |
|--|----------|------------|--|--|
| Whole Crusher Dry Weight                         | 22000 Kg | 48,502 lbs |  |  |
| Upper Frame Assembly                             | 5700 Kg  | 12,566 lbs |  |  |
| Cone Head Assembly                               | 2950 Kg  | 6,503 lbs  |  |  |
| Eccentric Assembly                               | 1800 Kg  | 3,968 lbs  |  |  |
| Countershaft Assembly                            | 500 Kg   | 1,102 lbs  |  |  |
| Main Frame Assembly                              | 5356 Kg  | 11,808 lbs |  |  |
| Mantle Liner                                     | 748 Kg   | 1,649 lbs  |  |  |
| Concave Medium Course                            | 858 Kg   | 1,891 lbs  |  |  |
| Concave Fine                                     | 1055 Kg  | 2,325 lbs  |  |  |

| 255 mm | 10.0"  |
|--------|--------|
| 220 mm | 8.6"   |
| 180 mm | 7.0"   |
|        | 220 mm |

| Minimum Recommended CSS     |       |       |  |
|-----------------------------|-------|-------|--|
| Extra Course Configuration  | 25 mm | 1.0"  |  |
| Medium Course Configuration | 18 mm | 0.71" |  |
| Fine Configuration          | 12 mm | 0.47" |  |



TC1300 Cone



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## www.terexmps.com

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