

CEDARAPIDS®
A TEREX BRAND

EMERALD
EQUIPMENT SYSTEMS INC.

Modular Plants

MC1300
Cone Module



A world working better™

 **TEREX® MPS**

Cedarapids® Modular Plants

MC1300 Cone Module

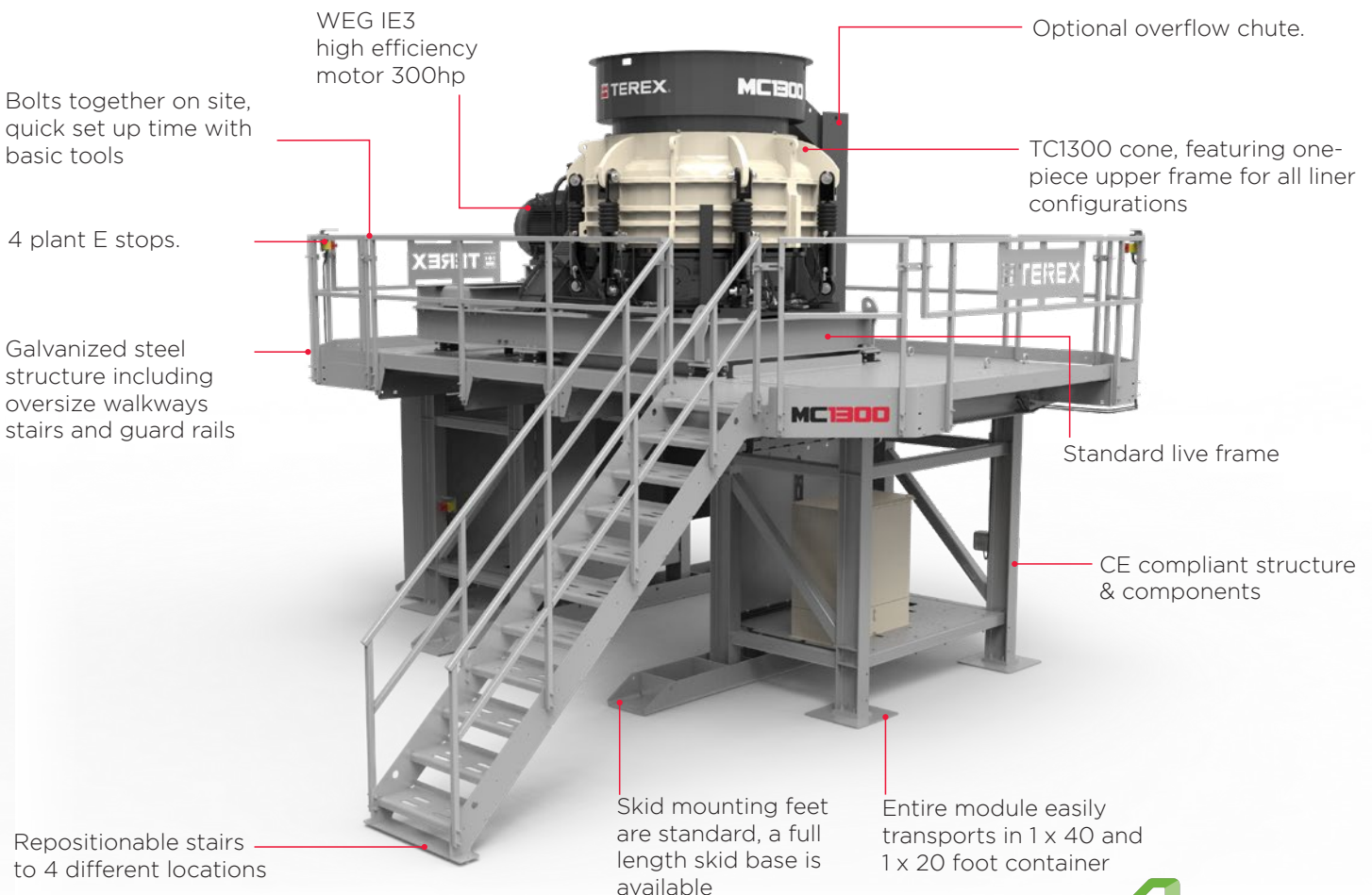
Designed around our proven, high-performance TC1000 & TC1150 cones, our TC1300 offers a nominal cone head diameter of 51"(1300 mm). It features a one-piece upper frame for all liner configurations, a no-hit concave and new mantle liner retention systems. Other enhancements include greater tramp clearance 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 galvanized 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

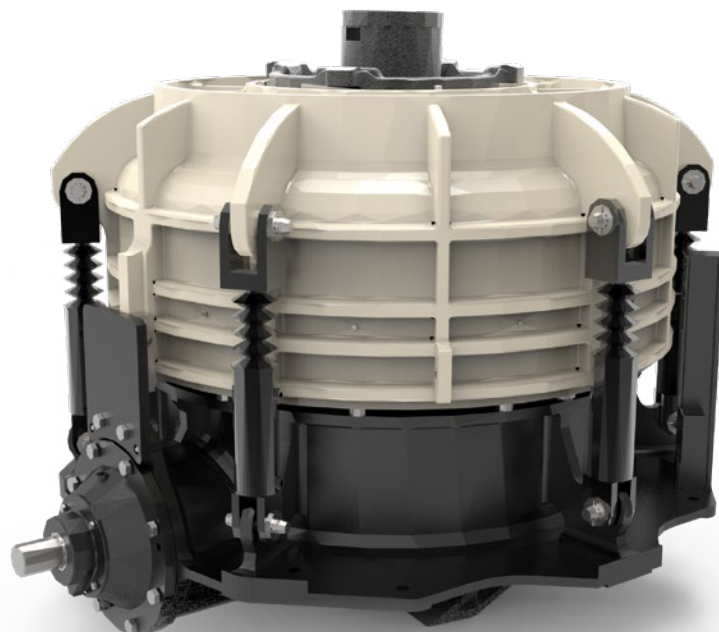
Whole Crusher Dry Weight	22000 Kg	48,502 lbs
Upper Frame Assembly	5700 Kg	12,566 lbs
Cone Head Assembly	2950 Kg	6,503 lbs
Eccentric Assembly	1800 Kg	3,968 lbs
Countershaft Assembly	500 Kg	1,102 lbs
Main Frame Assembly	5356 Kg	11,808 lbs
Mantle Liner	748 Kg	1,649 lbs
Concave Medium Course	858 Kg	1,891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

Maximum Feed Size

Extra Course Configuration	255 mm	10.0"
Medium Course Configuration	220 mm	8.6"
Fine Configuration	180 mm	7.0"

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