

CEDARAPIDS®
A TEREX BRAND

EMERALD
EQUIPMENT SYSTEMS INC.

Modular Plants

MC1000
Cone Module



A world working better™

 **TEREX® MPS**

Cedarapids® Modular Plants

MC1000 Cone Module

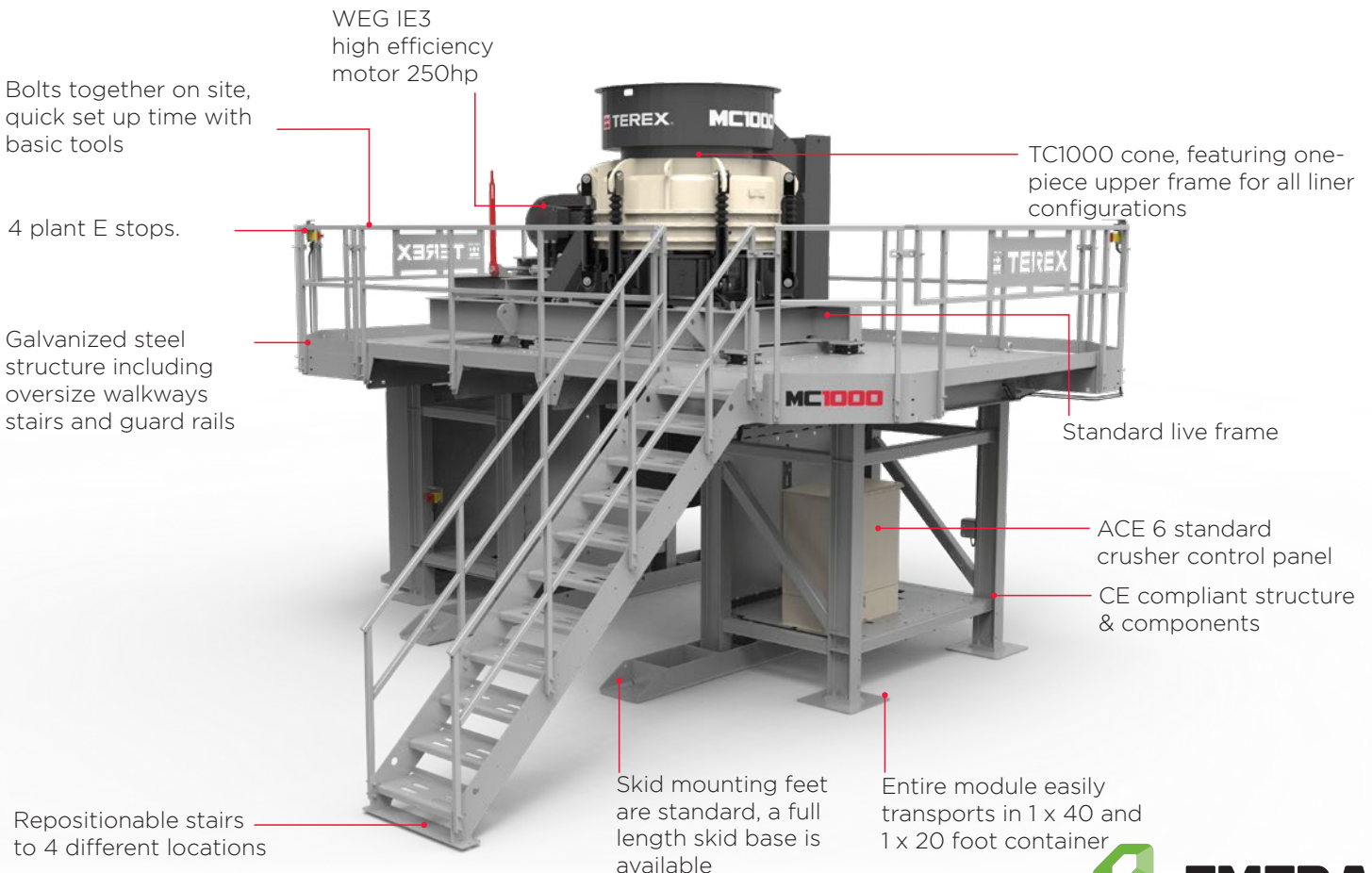
Designed around our proven, high-performance TC1150 & TC1300 cones, our TC1000 offers a nominal cone head diameter of 40" (1000 mm). It features a one-piece upper frame for all liner configurations, a no-hit concave and new mantle liner retention systems. Other enhancements include greater tramp clearance 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

Cone Specifications

TC1000

Cone type	Floating bowl
Gross weight	10 tons
Cone head diameter	1000 mm (40")
Bearing type	Roller bearings
Power range	170 kW (230 hp)
Anti spin clutch	No
Speed range	850 - 1050 rpm
Maximum feed size at given CSS	195 mm EC at 22mm CSS (full liner life)
Max tph at 25 mm CSS	180 - 215 tph
Max tph at max CSS	200 - 250 tph at 36 mm CSS



TC1000 Cone