

Terex® MPS Modular Plants

MTC1150 Cone Plant

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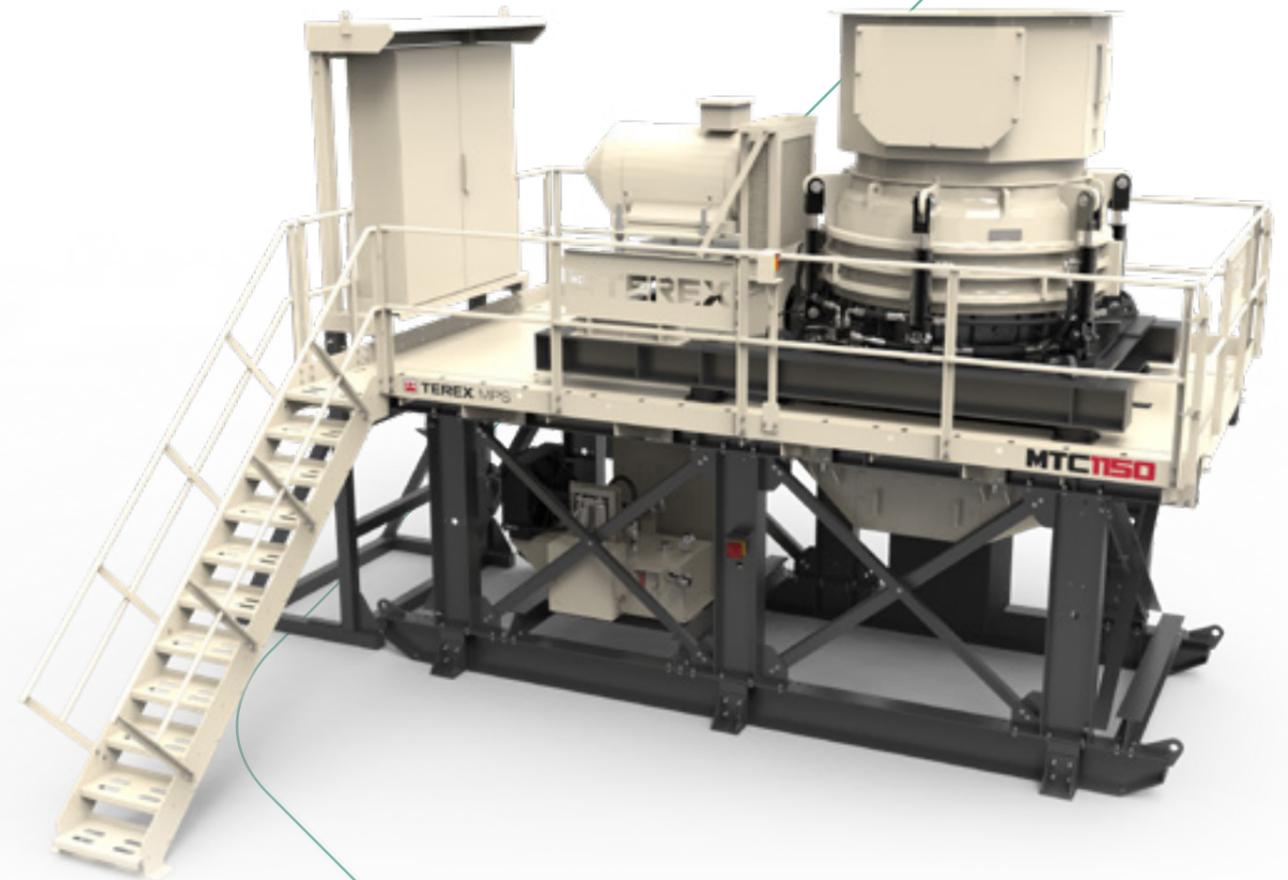
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Terex® MPS Modular Plants

MTC1150 Cone Plant

Flexible, Robust Design with Logistics in Mind

Designed around our proven, high-performance TC1000 & TC1300 cones, our TC1150 offers a nominal cone head diameter of 45”(1150 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
- Fully painted structures including walkways, stairs and guard rails
- Extra heavy-duty I-beam frames

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

- Jaw unit electricals including cable kit, control panel (standard plant set for 380V/50Hz) weather protected robust control panel houses user friendly controls ground mounted up to maximum 3m from plant

Durability

- Fully Painted 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

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

Cone Specifications

Approximate Component Weights & Basic Dimensions		
Whole Crusher Dry Weight	14000 Kg	31,360 lbs
Upper Frame Assembly	4861 Kg	10,717 lbs
Cone Head Assembly	1770 Kg	3,902 lbs
Eccentric Assembly	1511 Kg	3,331 lbs
Countershaft Assembly	237 Kg	522 lbs
Main Frame Assembly	5356 Kg	1,808 lbs
Mantle Liner	610 Kg	1,345 lbs
Concave Medium Course	553 Kg	1,219 lbs
Concave Extra Course	524 Kg	1,155 lbs
Concave Fine	576 Kg	1,270 lbs

Maximum Feed Size		
Extra Course Configuration	220 mm	8.7"
Medium Course Configuration	190 mm	7.5"
Fine Configuration	110 mm	4.3"

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

