

Terex Crushing Plant [Inventory ID #142063]



- Terex Crushing Plant.
 - Located in Africa.
 - New/unused.
 - Consists of:
 - MJ47 Jaw Module.
 - Module Structure:
 - Bolts together on-site. Quick set-up time with basic tools.
 - Robusy weather protected IP55 control panel.
 - With user friendly manual/automatic control.
 - Emergency stop stations.
 - Galvanized/painted steel structure.
 - Galvanized steel walkways, stairs and guard rails.
 - Jaw Crusher.
 - Terex Jaques ST47 jaw crusher.
 - 36 in. x 48 in. (91.4 cm x 121.9 cm).
 - V-belt drive, 200 hp (150 kW) motor with guard.
 - Robust one-piece jaw frame design.
 - Large diameter, forged main shaft.
 - Single, rocking-end toggle requires no lubrication.
 - Truck Dump Hopper.
 - Rock box design with 5/8 in. (15 mm) thick hopper
 - 3/4 in. (20 mm) liner along wear edge of hopper.
 - Hopper width: 16 ft. 7 in. (5.05 m).
 - Live capacity of hopper: 69 tons (63 tonnes).
 - Vibrating Grizzly Feeder.
 - Terex Simplicity 51 in x 24 ft. (1.3 m x 7.3 m) OFC120A vibrating double deck grizzly feeder.
 - Independently mounted pivot-type motor base.



- V-belt drive, 50 hp (37 kW) motor and guarding.
- 1/2 in. (12.7 mm) wear resistant side and floor liner plates.
- Pan feeder length: 14 ft. (4.3 m).
- Feeder width: 51 in. (1.3 m).
- Stepped grizzly length: 10 ft. (3.04 m).
 - (2) 5 ft. (1.5 m) sections with adjustable openings.
- Plant Chute Work.
 - Grizzly fines/bypass 2-way chute discharges to product conveyors or to off-plant fines conveyor.
- Discharge Conveyor.
 - 48 in. x 26 ft. (1.2 m x 8 m). conveyor with 3-ply belt.
 - 20 hp (15 kW) electric drive motor.
 - Impact bars at feed point.
 - High spec scraper at head drum.
 - Skirted full length.
- MC450X Cone Module.
 - Module Structure.
 - Bolts together on-site, quick set-up time with basic tools.
 - Pre-wired 'plug-and-play' design.
 - Minimal on-site wiring.
 - Robust weather protected control panel with user friendly controls.
 - Galvanized steel structure including walkways, stairs, guard rails and skid mounting feet.
 - Flexible design permits 2 locations for discharge conveyor.
 - Crusher discharge chute with rubber dust sock.
 - CE compliant module structure and components.
 - Systematically packed in shipping contained for quick site set-up and easy transport.
 - Cone Crusher.
 - Terex Cedarapids MVP450X with patented Rollercone design for high efficiency.
 - Single drive 400 hp (300 kW) electric motor.
 - 50 Hz.
 - Adjustable motor mount slide-base tensioning system.
 - V-belt drive, drive guard, v-belts, motor sheave, hub and key.
 - Hydraulic skid with 10 hp (7.5 kW) provides hydraulic power for tramp and adjustment systems.
 - Separate lube skid with electric lube pump, filter and valves.
 - Counter-weight wear guard.
 - Electrical controls.
 - (4) emergency stop stations.

- IP55 electrical panel for manual/automatic control of operation.
 - Includes cone hydraulic gap/wear/dump control to set and monitor closed-side setting, calibration and manganese wear.
- Motor starters to run off-module feeder, cone-feed conveyor and product discharge conveyor.
- Automatic sequence start-up and shut-down.
- Plant operation interlocks upstream and downstream.
- Module run/fault indication.
- Facility for remote operation.
- Ammeter.
- MHS8203 Horizontal Screen Module.
 - Module Structure.
 - Bolts together on-site, quick set-up time with basic tools.
 - Pre-wired 'plug-and-play' design.
 - Minimal on-site wiring.
 - Robust weather protected control panel with user friendly controls.
 - Galvanized steel structure including walkways, stairs and guard rails.
 - Extra heavy duty I-beam frame.
 - Rigid diagonal truss construction.
 - Integrated rolling chute mechanism and integrated trouser leg chutes.
 - CE compliant module structure and components.
 - Systematically packed in shipping containers for quick site set-up and easy transport.
 - Terex Cedarapids LJ-TSV Horizontal Screen.
 - 8 ft. x 20 ft. (2.44 m x 6.10 m) 3 deck LJ-TSV8203-38 horizontal screen with El-Jay oval stroke.
 - Three shaft vibrator mechanism with adjustable stroke angle, stroke length and speed.
 - 25% thicker 5/16 in. (8 mm) grade 50 high strength steel side plates.
 - Heavy duty fully braced single crown steel deck construction.
 - Exclusive patented and patent-pending features for durability and easy maintenance:
 - Low maintenance vibration damper system.
 - 'Flow-through' bearing lubrication.
 - Baffle splash lubrication system.
 - Double O-ring sealed for life vibrator construction.
 - Spherical washer design eliminates sidewall welds.
 - Huck-bolted screen box construction (no welds).

- Extended life coil spring suspension.
- Replaceable bolt-on spring guides.
- Gland type non-wearing shaft seal.
- Toll-less oil level sight glasses.
- Underscreen Conveyor.
 - 60 in. (1.52 m) fully skirted underscreen fines conveyor.
 - 20 hp (15 kW) standard drive electric motor and gearbox.
 - 3-ply belt with vulcanized splice and easy access belt take-ups.
 - High performance belt wiper.
 - CEMA C 20° troughing rolls.
- Blending Chutes.
 - 4 section (25%) blending gate system for all decks.
 - Product combinations:
 - Bottom deck & fines.
 - Center & bottom decks.
 - Top & center decks.
 - Heavy duty AR 400 liners.
- Power Panel.
 - Electric power panel for screen and on plant collection conveyor.
 - 50 Hz.
 - Additional motor starters for off-plant feed conveyor and four product conveyors.
- Loaded in containers, ready to ship.

Please contact us for more information.