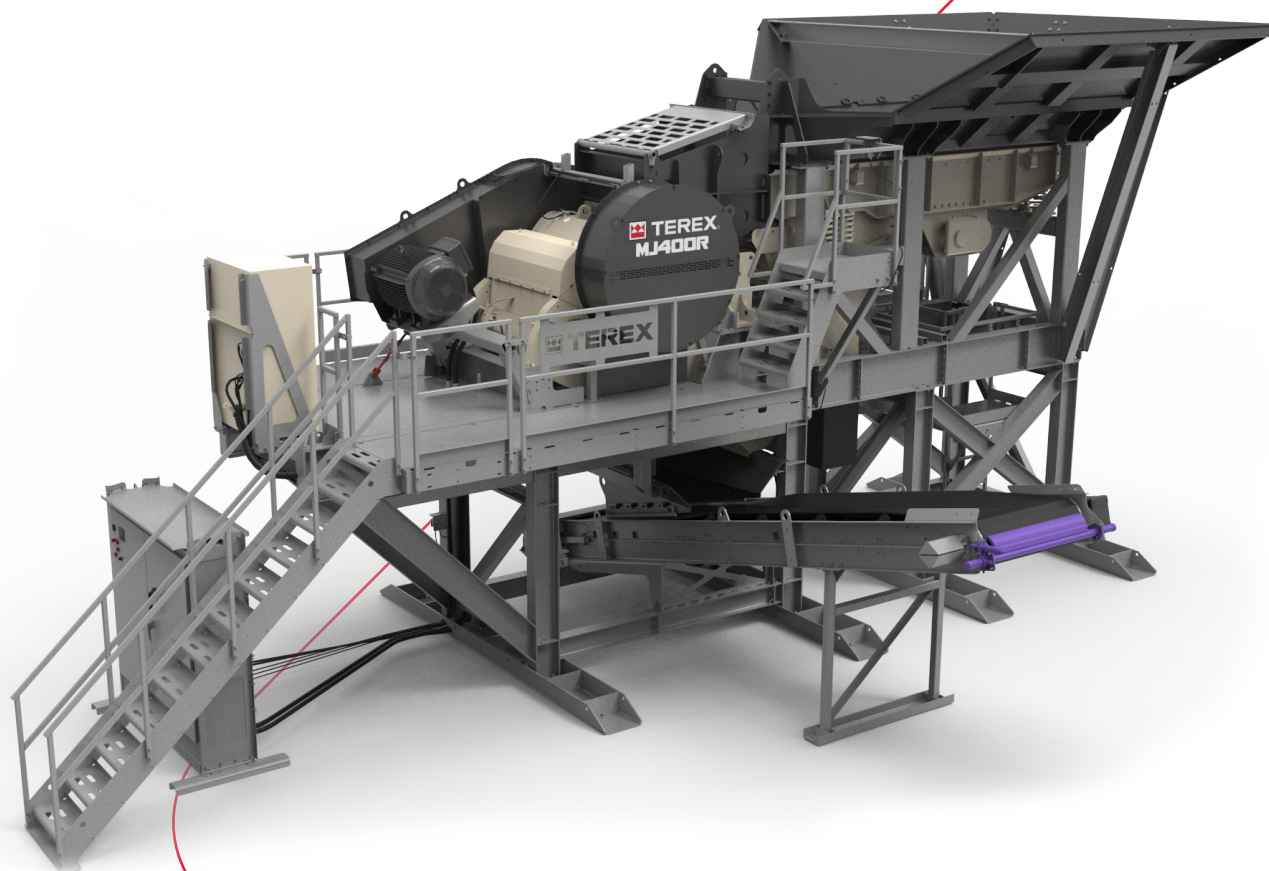


**CEDARAPIDS®**  
A TEREX BRAND

## Modular Plants

### MJ400R Jaw Module



A world working better™

 **TEREX®** MPS

# Cedarapids® Modular Plants

## MJ400R Jaw Module

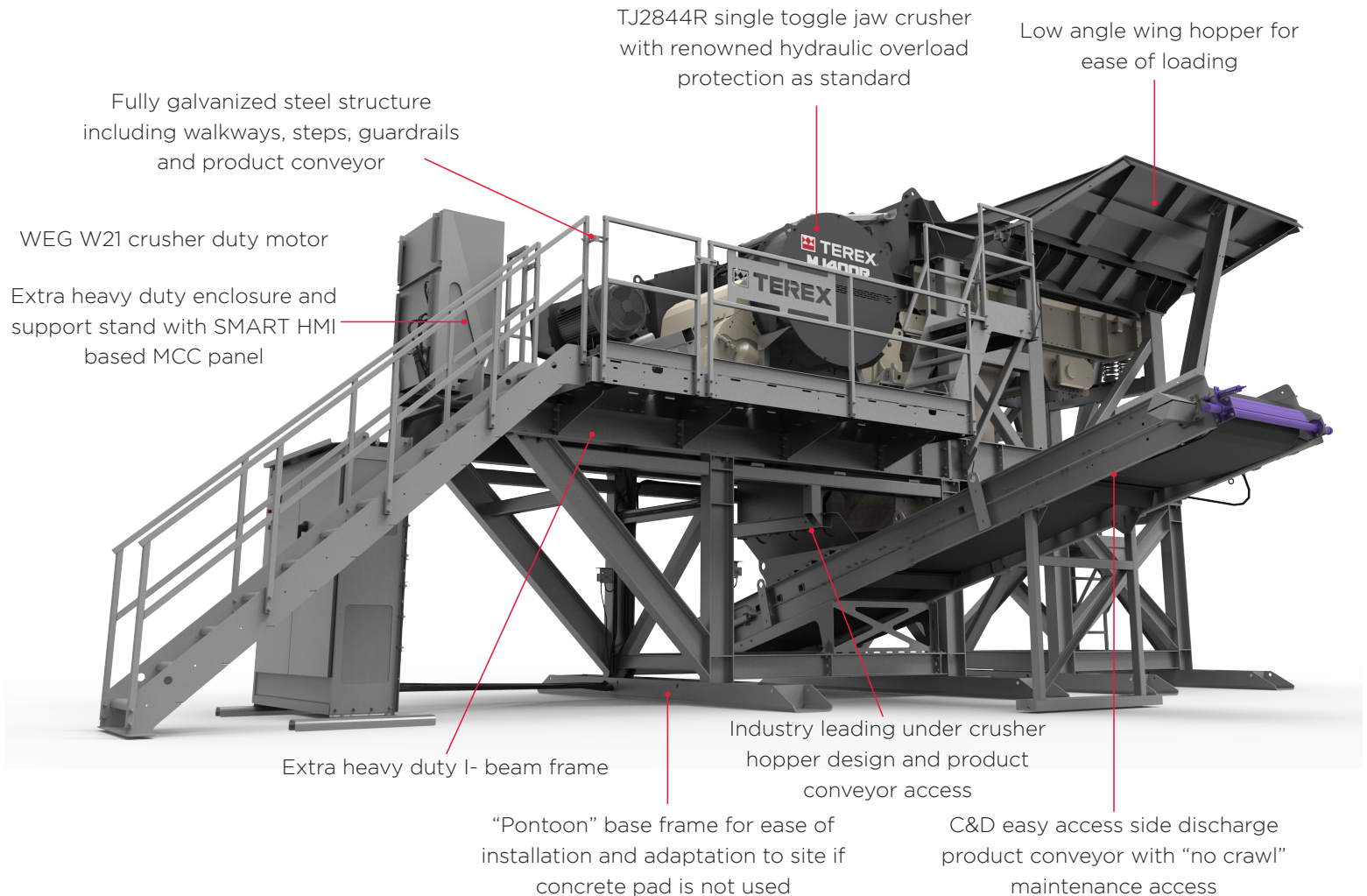
The MJ400R jaw module features the TJ2844R single toggle jaw crusher with renowned hydraulic overload protection as standard. It has a fully galvanized steel structure including walkways, steps, guardrails and product conveyor and is CE compliant.

This product is ideal for C & D recycling applications as well as quarries and mines and integrates well with established systems or as an independent unit.

### Standard Features

#### Jaw Crusher

- TJ2844R chamber with standard Super Tooth liner profile
- 1100mm (44") x 700mm (28") jaw chamber pre mounted on sub frame assembly with motor, belts, and drive guard
- Fabricated main frame with bolt on bearing cartridges
- Direct electrically driven jaw crusher via belt system
- Manual hydraulically assisted closed side setting via shims
- Hydraulic overload protection
- Wedge & through bolt liner retention system on the fixed & the swing liner
- CSS opening range - 50mm (2") to 125mm (5")
- 110kW (150hp) WEG crusher duty motor 380 - 415 volts 3-phase 50Hz



Shown with optional hopper wing extensions and optional switchgear panel.

Side conveyor design allows rebar to pass easily away from under the plant

### Module Structure

- Bolt together on-site, quick setup time with basic tools
- One-piece crusher feed chute with plug welded AR liners and chamber guard
- Fines bypass “tool less” 2-position chute discharges to product conveyor or optional third party fines conveyor
- Galvanized and painted steel structure with walkways, steps, platforms, and guard rails
- Pre-wired “plug and play” design, minimal on-site wiring
- Heavy duty ground mounted electrical control panel and plant wiring giving manual/ automatic control of jaw module operation
- Emergency stop stations
- Observation platform
- CE compliant module structure and components

### Vibrating Grizzly Feeder

- Spring mounted stepped vibrating pan and grizzly feeder
- Vibrating unit: twin heavy-duty cast eccentric shafts running in spherical roller bearings
- Wear resistant side and floor liner plates
- V-belt drive, 15kW (20hp) motor with guard
- Length: 4.36m (14’); feeder width: 1.06m (42’)
- Total stepped grizzly length: 2.12m (7’)
- Two replaceable stepped cartridge grizzlies 75mm (3”) nominal aperture tapered
- Under-screen: screen mesh standard

### Discharger Conveyor

- Side Discharge: standard non-drive side
- 1050mm wide (42”) “Toughflex” EPP630 (360PIW) 2-ply belt
- 11kW (15 hp) electric drive motor
- Impact bars at feed point & AR liners at crusher feed point
- Belt scraper at head drum & skirted at hopper feed area
- Slide-back under crusher hopper discharge unit to remove rebar

### Hopper

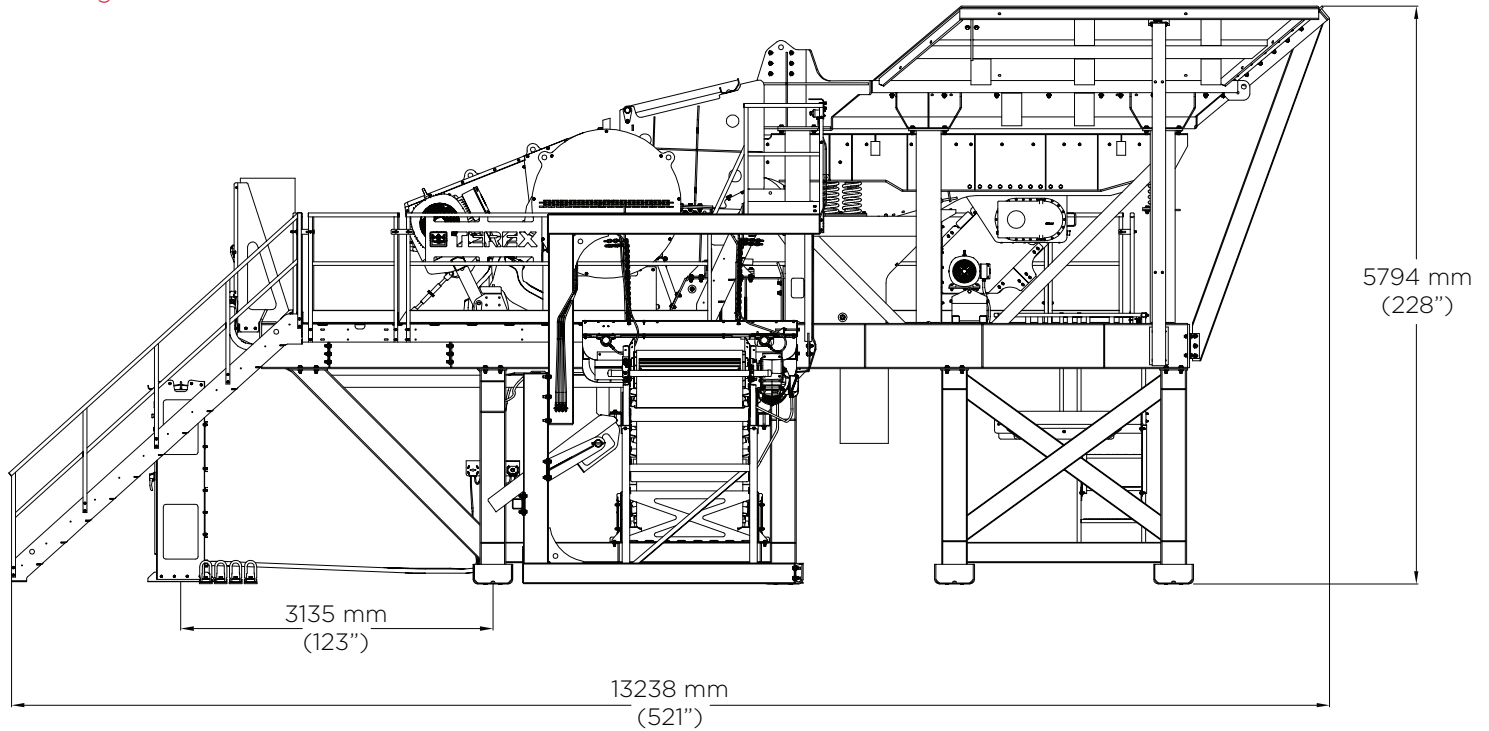
- Hopper body 20mm (3/4”) AR 400 construction with reinforcing ribs: 3.05m<sup>3</sup> (4 yd<sup>3</sup>) standard hopper capacity

Specifications	Imperial	Metric
Motor Size	150 hp	110 kW
Feed Opening	28” x 44”	700 mm x 1100 mm
Crusher Weight (dry weight)	36,000 lbs	16,300 kg
Setting Range (pending application)	2”-6”	50 mm to 150 mm
Capacity	127 - 281 stph	115 - 255 mtph
Standard Adjustment	Shim hydraulic assist with hydraulic overload release	
Frame Style	Welded	
Lubrication System	Greased	

### Optional equipment

- Extended product conveyor dual drive option for feeding modular plant (contact factory for details)
- 3 piece AR400 construction wing hopper extensions increasing hopper capacity to approx. 8.41m<sup>3</sup> (11 yd<sup>3</sup>)
- Twin pole magnet and off plant support stand kit
- Bulkhead
- Deduct of modular switchgear panel and wiring
- Switchgear panel

Drawing



Drawing shown with optional hopper wing.

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