

JCP2238-38



TELSMITH[®]

an Astec Industries Co.

Model JCP 2238-38 Portable Plant

The JCP 2238-38 two-stage portable crushing plant includes a J2238 jaw as the primary crusher and a C38 cone to complete final crushing after sorting through the included screen. This self contained, electric drive, portable crushing unit can be moved with minimal disconnection, allowing for consistent, close proximity of crushable material, thus maximizing the efficiency of your quarry operation.

Uptime, Safety, and Efficiency achieved through two crushing units:

J2238 Jaw Crusher with Hydra-Jaw Technology

This jaw reliably handles 533mm (21") quarried stone feed while maintaining superior uptime availability and increased safety. Features like push button hydraulic adjustment, automatic tramp iron relief (auto reset) and remote control hydraulic chamber clearing significantly reduce downtime and keep operators away from potentially risky situations.

C38 Cone Crusher

Capable of processing in excess of 250tph, the C38 crusher comes with standard features, such as hydraulic relief & clearing, dynamic adjust, and hydraulic lock, all providing for low maintenance with minimal disassembly, and quick adjustment under load. The optional anti-spin system prevents head spin to extend manganese life and provide for more consistent product gradation in applications with intermittent feed.

Keeping your quarry operation running and efficient, while providing for safe operating conditions are what drives you each and every day. TelSmith and the JCP 2238-38 can deliver the results needed to maximize your business.

JCP 2238-38 Specifications

Standard Equipment:

Telsmith Chassis:

- Telsmith fabricated structural steel chassis with supports for crushers, screen, hydraulic and lube systems
- Tapered loading hopper 2388 mm (7'-10") wide, 4521 mm (14'-10") high, can be folded for additional clearance or travel
- Crusher service platforms
- Triple-axle assembly and highway towing kit with walking beam suspension, air brakes, mud flaps, 12 ea. 11-22.5 wheels and tires

Telsmith Model H2238 Hydra-Jaw™ Crusher:

- 559 mm (22") x 965 mm (38") feed opening
- Hydra-Jaw Toggle with cylinder position sensors
- Grease lubrication
- Jaw drive 125 HP

Telsmith Model 38SBS Cone Crusher:

- Oil lube system with air to oil cooler
- Hydraulic Dynamic Adjust System
- V-belt drive with guard
- Cone drive 150 HP

Telsmith 36" (914mm) x 12' (3658mm)

Vibrating Grizzly Feeder:

- 1,219 mm (4') long grizzly bars
- 12.7 mm (½") thick A-R steel pan liner
- 7.9 HP drive motor
- Variable speed control

Telsmith Triple Deck, Inclined Screen

- 1524 mm (5') x 4267 mm (14'); triple deck, Valu-King™ Inclined screen with motor, standard wire cloth for all decks
- Fold down screen with service platforms on both sides and back of screen

Conveyor System:

- 1067 mm (42") x 12497 mm (41') main conveyor with 20 HP drive motor, belting and idlers
- 1067 mm (42") x 9144 mm (30') under crusher conveyor with drive from main conveyor, belting and idlers

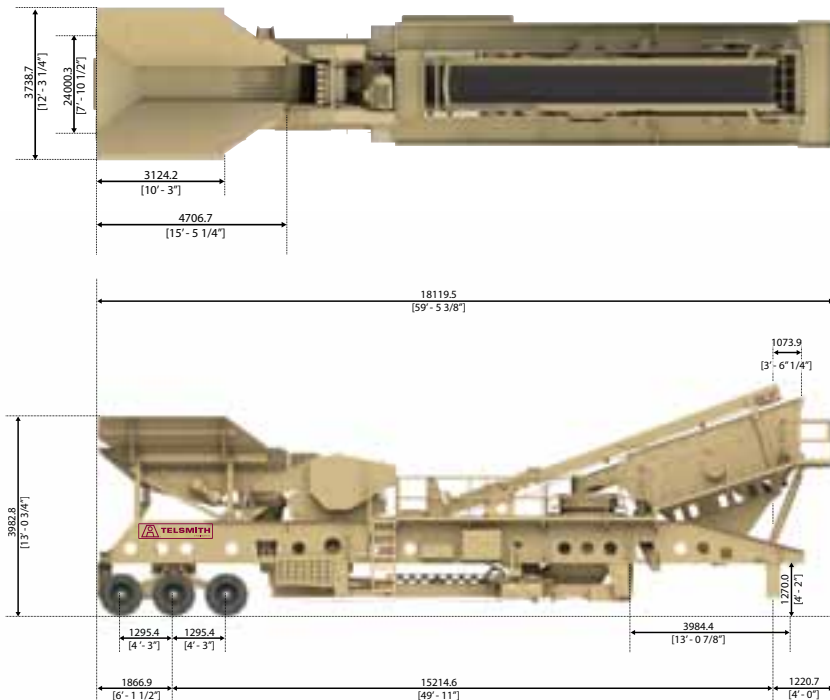
Plant Power Options:

- Starter panel
 - NEMA 4 enclosure with main circuit breaker and individual motor circuit breakers
 - Soft start for 125 HP & 150 HP crusher motors
 - Starters for all on-plant motors
 - Five extra 10 HP starters for optional off plant conveyors
 - Start/Stop push buttons and amp meter
- E-stop buttons mounted on each side of the chassis

Additional Plant Options:

- Six point hydraulic leveling system with gas engine
- Folding receiving hopper extensions yield a 3,734 mm (12'-3") hopper width

Plant Dimensions:



Plant Weight		
At Kingpin	21,896 kg	48,272 lbs
At Axles	29,539 kg	65,122 lbs

Note: Weights are approximate and based on a standard plant equipped with electric power and hydraulic leveling. Incorporating additional options will increase the weight.