Model JP2550 Portable Plant
Featuring Hydra-Jaw Technology

The JP2550 is built for the portable crushing customer who demands consistent, reliable production, low mobilization costs and the versatility to perform in quarried stone or sand & gravel applications.

Taking advantage of the Hydra-Jaw™ JP2550, the plant reliably handles 610 mm (24") quarried stone feed while maintaining superior uptime availability and employee safety. Features like push button Hydraulic Adjustment, automatic tramp iron relief (auto reset) and remote control Hydraulic Chamber Clearing significantly reduce plant downtime and keep employees away from the crusher at potentially risky times.

Available with the standard electric power drive option or as a self contained, diesel power (Tier III or Tier IV) option, the plant is easy to move and quick to set up. The folding hopper design allows a 4115 mm (13'-6") travel height and 6-point hydraulic leveling assists quick set-up times for low mobilization costs.

JP2550 Hydra-Jaw

- Push button hydraulic adjustment
- Automatic overload relief
- Push button chamber clearing
JP2550 Portable Plant Specifications

Standard Equipment:

Telsmith Chassis:
- Telsmith fabricated structural steel chassis
- Tapered loading hopper 2794 mm (9' -2") wide, 4115 mm (13' -6") high, can be folded for additional clearance or travel
- Crusher service platform
- Tandem-axle assembly with walking beam suspension, air brakes, mud flaps, 12 ea. 11-22.5 wheels and tires

Telsmith Model H2550 Hydra-Jaw™ Crusher:
- 635 mm (25") x 1270 mm (50") feed opening,
- Hydraulic toggle with cylinder position sensors
- Grease lubrication

Telsmith 1219 mm (48") x 4877 mm (16‘)
Vibrating Grizzly Feeder:
- 1829 mm (6') long grizzly bars
- 13 mm (½") thick A-R steel pan liner
- Hydraulic drive motor, lines, and fittings
- Variable speed control

End Discharge Conveyor:
- 1219 mm (48") wide x 6401 mm (21') long
- 3-ply belting
- Belt scraper
- Screw take-up
- CEMA C, troughing and return idlers
- Hydraulic drive (15 HP), lines and fittings

Plant Power Options:

Electric Power Option:
- 150 HP crusher motor, v-belt drive and guard
- 50 HP electric motor driven, hydraulic power package: (crusher relief, hydraulics, feeder, conveyor, optional by-pass screen, optional hammer)
  - 227 litre (60 gallon) reservoir
  - 1 HP air to oil cooler
- Starter panel
  - NEMA 4 enclosure with main circuit breaker and individual motor circuit breakers
  - Soft start for 150 HP crusher motor
  - Starters for all on-plant motors
  - Two extra 20 HP starters for optional conveyors
  - Start/Stop push buttons and amp meter
- E-stop buttons mounted on each side of the chassis

Diesel Power Option:
- CAT, C7, 275 HP diesel engine (Tier III & Tier IV options)
  - Engine mounted hydraulic pumps (crusher hydraulics, feeder, conveyor, optional by-pass screen, optional hammer)
  - Hydraulic clutch (crusher drive)
- 379 litre (100 gallon) fuel tank
- V-belt crusher drive with guard
- Engine and plant controls, mounted in NEMA 4 enclosure, with plant start/stop, VGF speed controls and engine gauges mounted on the panel face

Additional Plant Options:
- 1219 mm x 1829 mm (4 ' x 6‘), single deck, vibrating screen installed under the feeder to separate fines from the grizzly by-pass material
- Six point hydraulic leveling system with gas engine
- Folding receiving hopper extensions yield a 4242 mm (13' -11") hopper width
- Wireless remote control
- BTI 1,000 ft./lb hammer with MBS10 boom assembly mounted to plant

Plant Dimensions:

Plant Weight

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<thead>
<tr>
<th></th>
<th>At Kingpin</th>
<th>At Axles</th>
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<tbody>
<tr>
<td>Weight (kg)</td>
<td>14,975</td>
<td>32,950</td>
</tr>
<tr>
<td>Weight (lbs)</td>
<td>32,950</td>
<td>50,200</td>
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Note: Weights are approximate and based on a standard plant equipped with electric power option and hydraulic leveling. Incorporating additional options will increase the weight.