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Terex® Minerals Processing Systems
Cedarapids® CRJ3750

CRJ3750 PORTABLE JAW PRIMARY PLANT



Unit shown with optional electrical switchgear panel and hydraulic lift system, extended length undercrusher conveyor with hydraulic fold, truck dump hopper with hydraulic extensions, hydraulic feeder module lift system, and hydraulic leveling/run-on jacks.

STANDARD FEATURES

JS3750 Jaw Crusher

- Easy removal jaw die wedge system
- Quick adjust jaw settings
  - Integrated hydraulic assist shim system
  - Hydraulic release toggle seat
- Drop-forged heat-treated 4340 chrome-nickel-steel eccentric shaft
  - Enlarged diameter with compound geometry
- 250 hp (186 kW), 1200 rpm electric crusher drive motor
- Pivoting motor base with tool-free ratchet drive adjustment system

5220-15 Vibrating Grizzly Feeder

- Removable feeder module with 3/4" (19 mm) AR 400 sides
- Adjustable action vibrator unit with pivot base motor mounting
- Heavy coil springs with removable spring brackets
- Six sloped bolt-in grizzly bars with 4" (102 mm) nominal opening
- Bypass chute diverts grizzly fines to undercrusher conveyor
- Rubber side curtains
- Quick disconnect power cables

Undercrusher Conveyor

- Tail section lowers for operation, raises for transport
- Straight-line conveyor design
- Adjustable discharge height
- Shaft mount gear box and TEFC motor
- Impact bars under jaw and grizzly bypass
- 3-ply conveyor belt with vulcanized splice

Main Frame with Quad Axle

- Straight beam chassis with kingpin, under-frame mounted axles, spring suspension, air brakes, travel lights and splash guards
- Jaw mount vibration isolation pads
- Emergency stops on both sides of chassis
- Sixteen 295/75 R22.5 tires
- Adjustable kingpin support legs
- Maintenance platform with fold-down hand rails
- Remote grease lines
- Lockable side-mounted storage box

OPTIONAL EQUIPMENT

- Removable electrical switchgear panel, wiring and operator push-button station, hydraulic panel lift system
- Tethered remote feeder control
- Hydraulic feeder module lift system, no crane required to remove feeder module
- Hinged, 30" (762 mm) hopper extensions with locking supports accessible from the ground, available with hydraulic operation
- Truck dump hopper, 15'7" (4750 mm) width
- Rock breaker with wireless remote and single point lubrication
- Grizzly reject cross conveyor
- Various grizzly bar spacing
- Two-piece drop-on side bulkheads
- Extended length undercrusher conveyor with hydraulic fold
- Dust suppression water spray system
- Cross belt self-cleaning magnet
- Belt scale
- Hydraulic leveling/run-on jacks (gas, 12V, or 24V in hinged enclosure)
- Crank style landing jacks
- 3+1 axles (triple + tag)
- Oversize 315/80 R22.5 tires

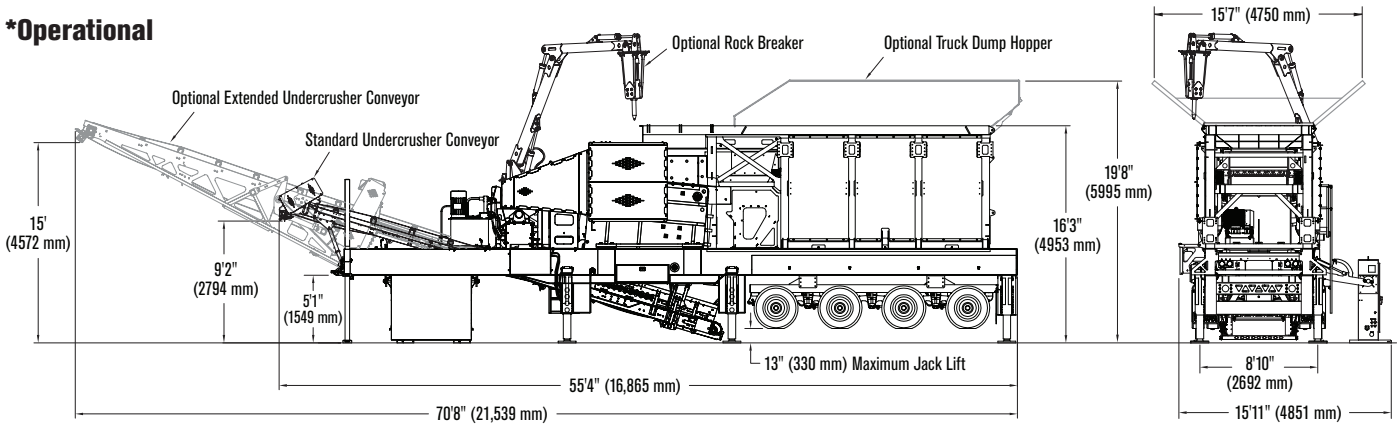
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SPECIFICATIONS

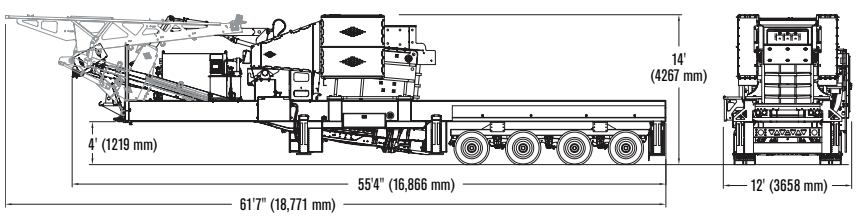
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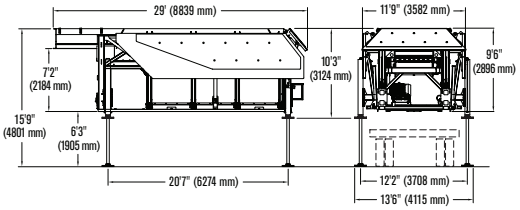
*Operational



*Unit shown with optional extended undercrusher conveyor, electrical panel, rock breaker, truck dump hopper and hydraulic run-on jacks.

*Transport





Feeder module shown with optional truck dump hopper and hydraulic lift system.

SPECIFICATIONS

Jaw Crusher	37" x 50" (940 x 1270 mm)
operating speed	250 rpm
Undercrusher conveyor	54" (1372 mm)
operating speed	350 fpm
Cross conveyor (optional)	30" (762 mm)
Feeder	52" x 20' (1321 x 6096 mm)
operating speed	variable speed 600-800 rpm
Bolted bar grizzly	60" (1524 mm) long x 4" (102 mm) avg. opening
AR pan liners	1/2" (12.7 mm)
Horsepower	
Jaw	250 (186 kW)
Feeder	40 (30 kW)
Undercrusher conveyor	20 (15 kW)
Extended undercrusher conveyor (optional)	25 (18.6 kW)
Cross conveyor (optional)	5 (3.7 kW)
Self-cleaning magnet (optional)	1.5 (1 kW)
Tires	Sixteen 295/75 R22.5
Estimated transport weight of base plant (feeder module removed)*	
Rear axle	75,540 lbs (34,270 kg)
Kingpin	58,300 lbs (26,445 kg)
Total	133,840 lbs (60,715 kg)
Estimated weight of feeder module**	38,700 lbs (17,560 kg)

* Weights include optional switchgear and hydraulic run-on jacks.

** Weight includes optional hydraulic lift system.

Contact factory for weights of other optional equipment.

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Effective Date: March 2015. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or failure to act responsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Terex, the Terex Crown design, Works For You, and Cedarapids are trademarks of Terex Corporation or its subsidiaries. All rights are reserved. © 2015 Terex Minerals Processing Systems.

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