

CRJ3750 PORTABLE JAW PRIMARY PLANT



Note: 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

- ▶ Hydraulic tail section lowers to operating positions, 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

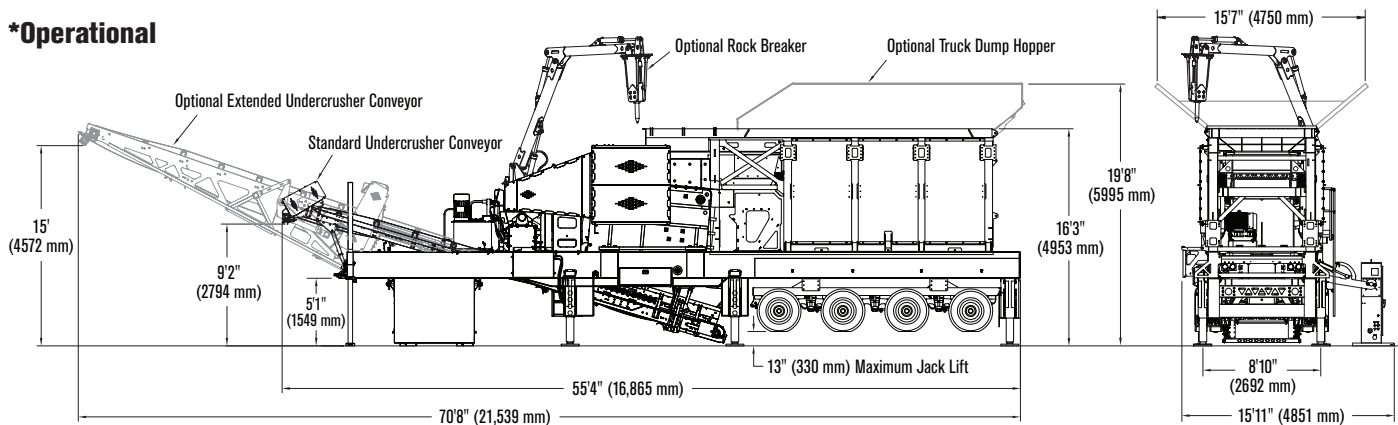
OPTIONAL EQUIPMENT

- ▶ 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)
- ▶ 3+1 axles (triple + tag)
- ▶ Oversize 315/80 R22.5 tires

SPECIFICATIONS

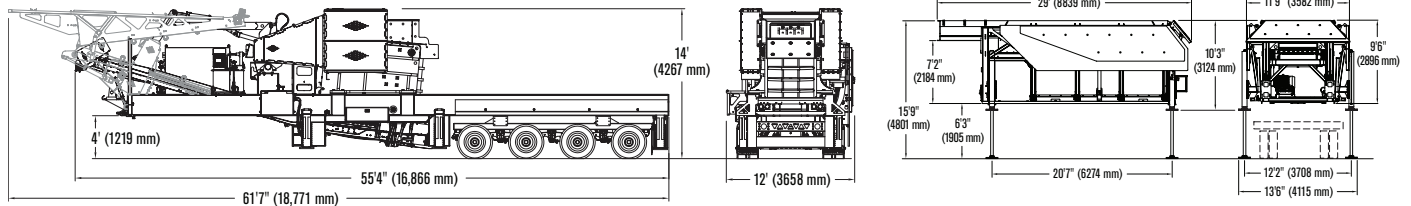
Terex® Minerals Processing Systems Cedarapids CRJ3750 Portable Jaw Primary Plant

*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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