



TEREX®

Terex® Minerals Processing Systems
Cedarapids® CRJ3042

CRJ3042 PORTABLE JAW PRIMARY PLANT



STANDARD FEATURES

JW42 Jaw Crusher

- ▶ Hydraulic wedge jaw adjustment
- ▶ Hydraulic tension rod
- ▶ Electric/hydraulic adjust unit
- ▶ Quick change jaw die wedge system
 - Side access to stationary die
- ▶ High strength frame with bolted and dowelled construction
- ▶ Three-piece side cheek plates

4220-15 Vibrating Grizzly Feeder

- ▶ Hopper with 3/4" (19 mm) AR 400 sides
- ▶ Adjustable action vibrator unit with pivot base motor mounting
- ▶ Heavy coil springs with removable spring brackets
- ▶ 60" (1524 mm) bolted bar grizzly, 4" (102 mm) nominal openings
- ▶ Bypass chute diverts grizzly fines to undercrusher conveyor
- ▶ Rubber side curtains

Undercrusher Conveyor

- ▶ Straight-line conveyor design
- ▶ Shaft mount gear box and TEFC motor
- ▶ Impact bars under jaw and grizzly bypass
- ▶ 3-ply conveyor belt with vulcanized splice

Main Frame with Triple 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
- ▶ Service and observation platforms
- ▶ Remote grease lines
- ▶ Lockable side-mounted storage box

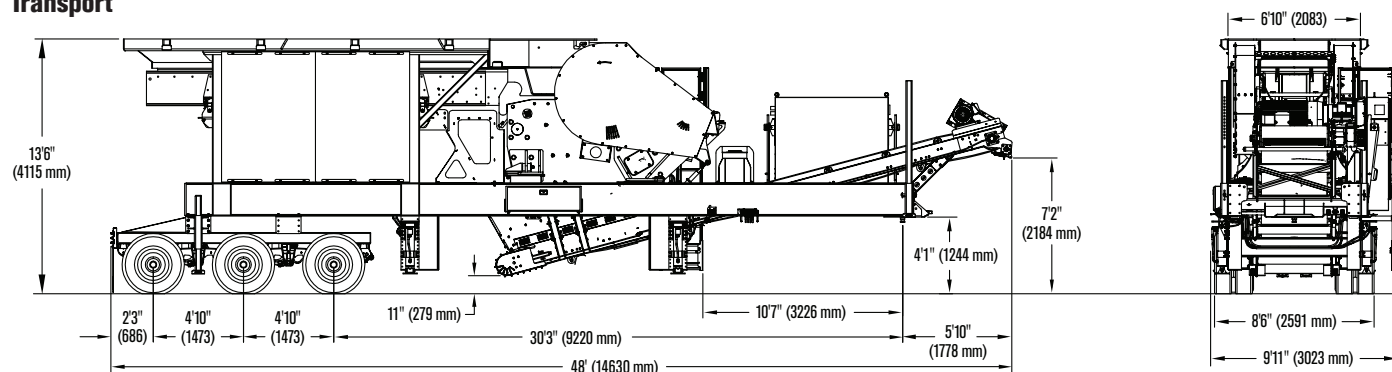
OPTIONAL EQUIPMENT

- ▶ Removable electrical switchgear panel, wiring and operator push-button station
- ▶ Hydraulic lift system for switchgear panel
- ▶ Tethered or wireless remote feeder control
- ▶ Staked 20" (508 mm) hopper wing extensions
- ▶ Grizzly reject cross conveyor
- ▶ Various grizzly bar spacing
- ▶ Bolt-in stepped tine grizzly in place of standard bars
- ▶ Dust suppression water spray system
- ▶ Cross belt self-cleaning magnet
- ▶ Hydraulic leveling or run-on jacks (gas, 12V, or 24V in hinged enclosure)
- ▶ Crank style landing jacks
- ▶ Oversize 315/80 R22.5 tires

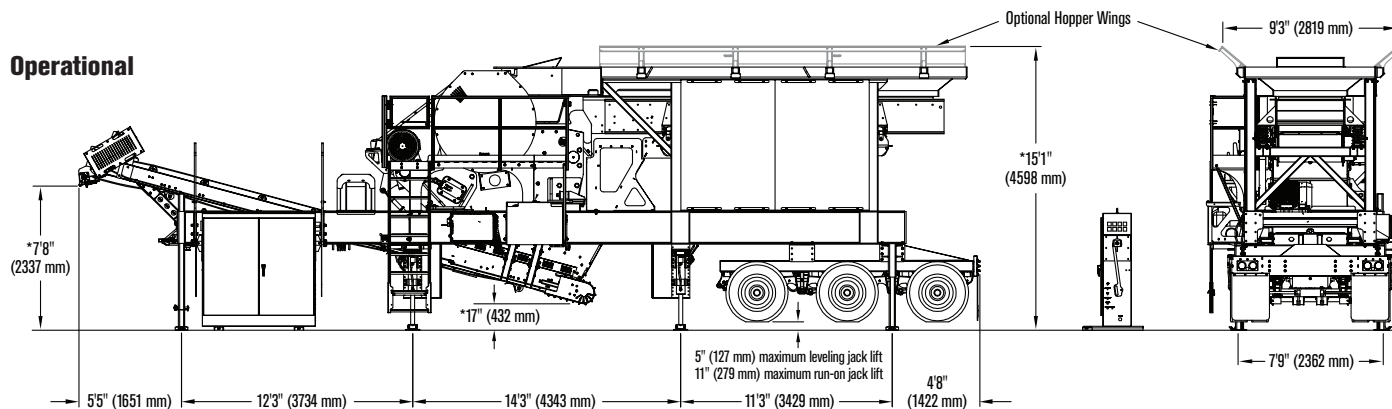
SPECIFICATIONS

Terex® Minerals Processing Systems Cedarapids® CRJ3042 Portable Jaw Primary Plant

Transport



Operational



*Heights shown on 18" (457 mm) leveling jacks, 24" (610 mm) run-on jacks are also available.

SPECIFICATIONS

Jaw Crusher.....	30" x 42" (760 x 1070 mm)
operating speed.....	250 rpm
Undercrusher conveyor.....	42" (1067 mm)
operating speed.....	300 fpm
Cross conveyor (optional)	24" (610 mm)
Feeder	42" x 20' (1067 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	150 (110 kW)
Jaw hydraulic controls.....	3 (2 kW)
Feeder	40 (30 kW)

Horsepower (continued)	
Undercrusher conveyor	15 (11 kW)
Cross conveyor (optional)	5 (3.7 kW)
Self-cleaning magnet (optional)	1.5 (1 kW)
Dust suppression pump (optional)	3/4 (.5 kW)
Tires.....	Sixteen 295/75 R22.5

Estimated weight of standard wheel base plant*

Axles	58235 lbs (26415 kg)
Kingpin	43535 lbs (19750 kg)
Total	101770 lbs (46165 kg)

* Weights include optional switchgear, jacks and hydraulics.
Contact factory for weights of other optional equipment.

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Effective Date: February 2016. 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. © 2016 Terex Minerals Processing Systems.

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