

JP3042 PORTABLE JAW PRIMARY PLANT



Note: Unit shown with optional electrical switchgear panel

STANDARD FEATURES

JS3042 Jaw Crusher

- ▶ Fabricated, stress-relieved submerged arc welded steel base
- ▶ Drop-forged heat-treated 4340 chrome-nickel-steel eccentric shaft
- ▶ Hydraulic shim adjustment
- ▶ Reversible manganese steel jaw dies
- ▶ Massive grooved, split hub flywheel
- ▶ Large, spherical self-aligning roller bearings

Jaw Drive

- ▶ 150 hp (112 kW), 1200 rpm crusher motor
- ▶ V-belt drive to jaw crusher with guard
- ▶ Adjustable motor mount

4220-15 Vibrating Grizzly Feeder

- ▶ Five sloped bolt-in grizzly bars with 4" (102 mm) nominal opening
- ▶ Adjustable angle of throw
- ▶ Bolt-in side and pan liners
- ▶ Fixed speed drive
- ▶ Spring mounting
- ▶ Motor pivot base
- ▶ Loading hopper with sloped sides
- ▶ Bypass chute to divert material passing through grizzly section to undercrusher conveyor

Undercrusher Conveyor

- ▶ V-belt drive with guard
- ▶ Impact bed in loading area
- ▶ Conveyor troughing idlers of 20° and 35°
- ▶ 3-ply conveyor belt with vulcanized splice

Main Frame with Quad Axle

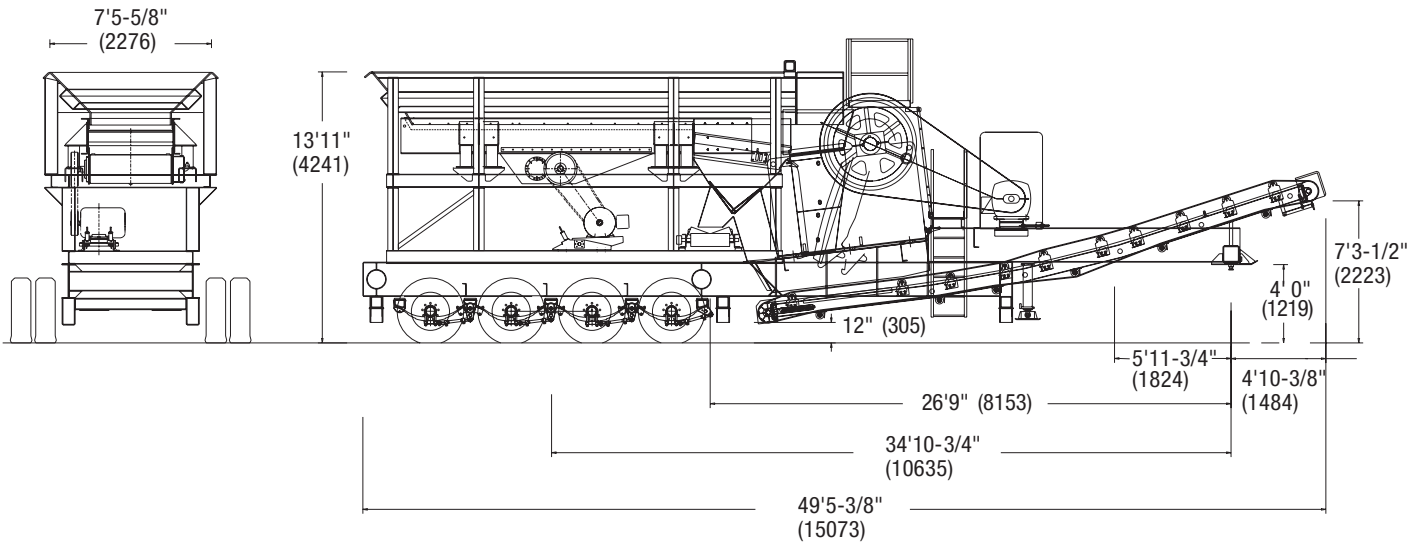
- ▶ Four axle air brakes
- ▶ Sixteen 10-hole Budd wheels
- ▶ Mud flaps, brakes and turn signals
- ▶ Leaf spring suspension
- ▶ Fifth wheel kingpin
- ▶ Ladders to service and observation platforms
- ▶ Cribbing supports
- ▶ Skid mounted feeder module

OPTIONAL EQUIPMENT

- ▶ Unit-mounted electrical switchgear panel, wiring and operator push-button station
- ▶ Variable-frequency drive for feeder and wireless remote control
- ▶ Crusher power - electric motor or diesel engine
- ▶ Cross conveyor and grizzly bypass chute flop-gate
- ▶ Various grizzly bar spacing
- ▶ Hydraulic run-on jacks
- ▶ Hydraulic leveling jacks

SPECIFICATIONS

Terex® Minerals Processing Systems Cedarapids JP3042 Portable Jaw Primary Plant



SPECIFICATIONS

Jaw	30" x 43" (762 x 1092 mm)
Operating speed.....	230-265 rpm
Feeder	42" x 20' (1067 x 6096 mm)
Operating speed.....	600-900 rpm
Grizzly	60" (1524 mm) long x 4" (102 mm) avg. opening
Pan liners.....	1/2" (13 mm)
Tires.....	Sixteen 295 75R x 22.5
Undercrusher conveyor.....	42" (1069 mm)
Cross conveyor (optional)	30" (762 mm)

Horsepower

*Jaw (electric).....	150 hp (112 kW)
Jaw (diesel).....	~225 hp (168 kW)
*Feeder	40 hp (30 kW)
Undercrusher conveyor.....	15 hp (11 kW)
Cross conveyor (optional)	5 hp (3.7 kW)

All motors 460V, 60Hz, 3Ph

*1200 rpm, TEFC motor

Travel Dimensions

Width.....	12' - 0" (3658 mm)
Height.....	13' - 11" (4242 mm) @ 48" kingpin
Kingpin Height.....	48" (1207 mm)

Estimated Weights - Assembled (Electric)

Total	110,000 lbs (49,896 kg)
Rear	73,000 lbs (33,113 kg)
Kingpin.....	37,000 lbs (16,783 kg)

Estimated Weights - Travel (Electric)

Main Chassis	
Rear	45,000 lbs (20,412 kg)
Kingpin.....	37,500 lbs (17,010 kg)
Feeder Module.....	27,500 lbs (12,474 kg)

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Effective Date: April 2013. 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 to otherwise act irresponsibly 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. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries. © 2013 Terex Corporation.

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