

JP3042 PORTABLE JAW PRIMARY PLANT



Note: Unit shown with optional electrical switchgear panel

Standard Features

3042 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

Vibrating Grizzly Feeder (VGF)

- Replaceable individually bolted grizzly bars on 8° slope
- Adjustable angle of throw
- Bolt-in side and pan liners
- Fixed speed drive
- Spring mounting
- Motor pivot base
- Loading hopper with sloped sides of 3/4" (19 mm) thick
- Bypass chute to divert material 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°
- Conveyor belt - 3 ply

Main Frame with Quad Axle

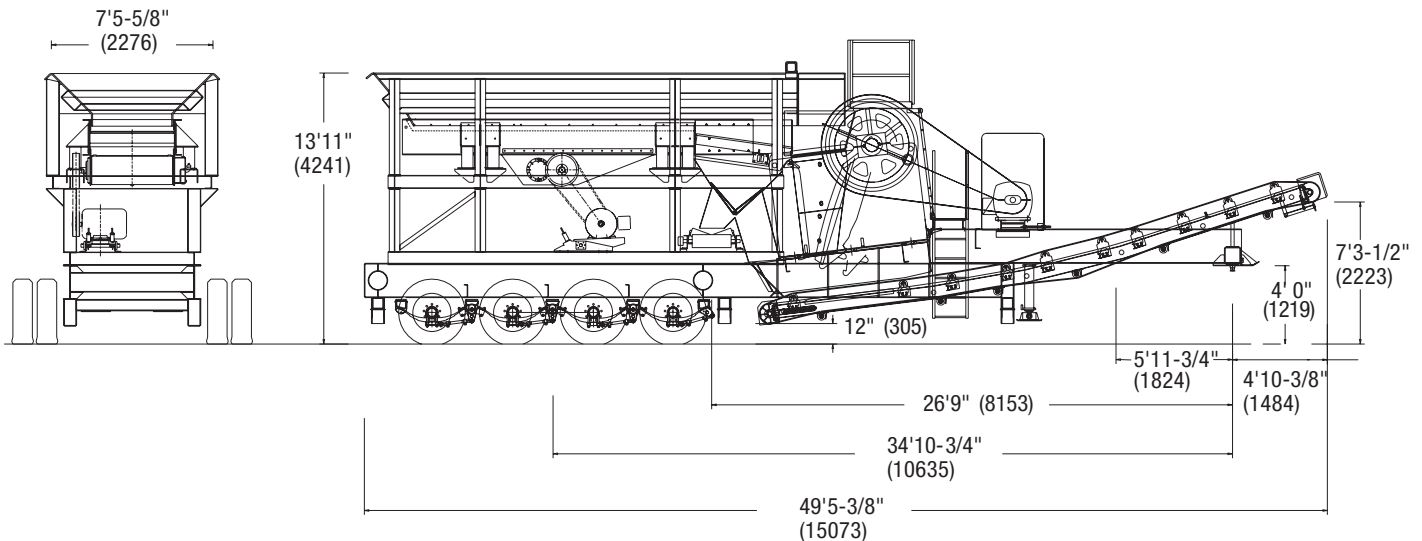
- Four axle air brakes
- Sixteen 10-hole Budd wheels
- Mud flaps, brakes and turn signals
- Leaf spring suspension
- Fifth wheel kingpin
- Ladders to service and observation platforms
- Cribbing supports
- Skid mounted feeder module

Optional Equipment

- Unit-mounted electrical switchgear panel, wiring and operator push-button station
- Crusher power - electric motor or diesel engine
- Variable-frequency drive for feeder

- Variable-frequency drive for feeder with wireless remote control
- Hydraulic leveling jacks
- Screw jacks
- Cross conveyor and grizzly bypass chute flop-gate

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Specifications

Jaw	30" x 42" (762 x 1067 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 3" (76 mm) avg. opening
Pan liners	1/2" (13 mm)
Tires	Sixteen 295 75R x 22.5
Undercrusher conveyor	42" (1069 mm)
Cross conveyor	24" (610 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	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)

Effective Date: September 2011. 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. © 2011 Terex Corporation.