

Cedarapids

Model JPR3054

52 x 17/20 Portable Jaw Primary Recycle



Form 21120 (11/00)



Standard Features

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
Manganese steel key plates
Massive grooved, split hub flywheel
Large, spherical self-aligning roller bearings

Main Drive

V-belt drive to jaw crusher with guard
Adjustable motor mount

Vibrating Feeder

8° sloped welded bar grizzly section
Adjustable angle of throw

Engineered bolt-in side liners

Feeder pan liners

Eddy current variable speed drive

Spring mounting

Motor pivot base

Loading hopper with sloped sides

Bypass chute to divert material passing through grizzly section to discharge area, removable midsection of bypass chute allows for use of optional cross conveyor

Main Frame with Quad Axle

Fifth wheel kingpin

Flaps, brake and turn signals

Quad-axle air brakes

Observation platform with access ladder

Cribbing supports

Optional Equipment

Unit-mounted electrical panel, wiring and operator's push-button station

Set of six screw type stabilizing jacks with supports

Diesel drive system with 223 hp, 1800 rpm engine (for jaw power only)

200 hp electric motor for jaw power

30" (726 mm) side cross conveyor with 7.5 hp (5.6 kW) electric motor

Battery operated leveling jacks

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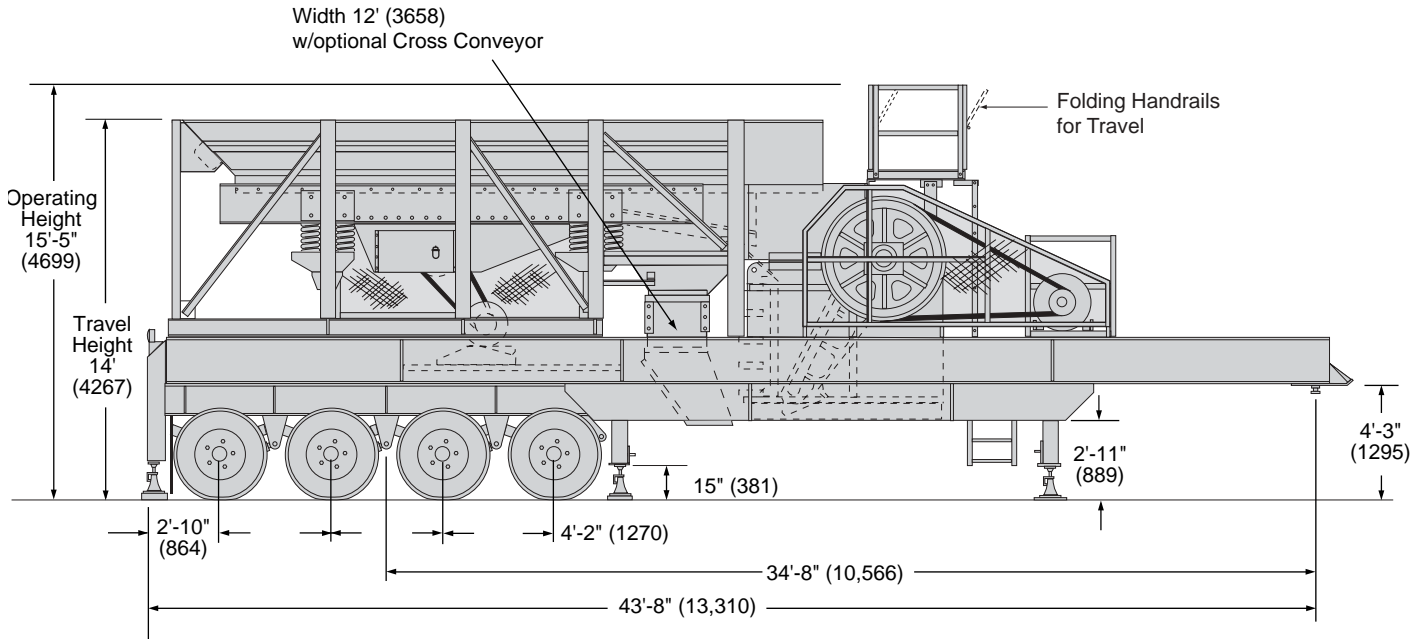
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Cedarapids Inc • 909 17th Street NE • Cedar Rapids IA 52402 USA • Telephone 319 363 3511 • Fax 319 399 4871

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Specifications

Jaw Crusher	30" x 54" (762 x 1372 mm)
operating speed	225-275 rpm
Feeder	52" x 17' (1321 x 5182 mm)
.....	52" x 20' (1321 x 6096 mm)
operating speed	600-900 rpm
Grizzly	60" (1524 mm) long; 3" (76 mm) avg. opening
Pan liners.....	½" (12.7 mm)
Hopper capacity (17')	9 cu. yd.
Hopper capacity (20')	13 cu. yd.
Tires	(16) 11:00R x 22.5 tubeless
Horsepower	
Jaw	150 hp, 1200 rpm, electric, tefc
Feeder	40 hp, variable speed eddy current, 300-1650 rpm
Optional jaw power	200 hp, 1200 rpm, tefc, electric
.....	223 hp, 1800 rpm, 8.3L diesel

Weight of plant, 17' feeder with electric	
Total	109,000 lbs (49,443 kg)
King Pin	39,000 lbs (17,691 kg)
Rear	70,000 lbs (31,752 kg)
Weight of plant, 17' feeder with diesel	
Total	111,000 lbs (50,350 kg)
King Pin	41,000 lbs (18,597 kg)
Rear	70,000 lbs (31,752 kg)
Weight of plant, 20' feeder with electric	
Total	112,000 lbs (50,804 kg)
King Pin	39,000 lbs (17,691 kg)
Rear	73,000 lbs (33,113 kg)
Weight of plant, 20' feeder with diesel	
Total	114,000 lbs (51,711 kg)
King Pin	41,000 lbs (18,598 kg)
Rear	73,000 lbs (33,113 kg)

Design and specifications subject to change without notice.
Design features may be covered by patents issued and/or patents applied for.