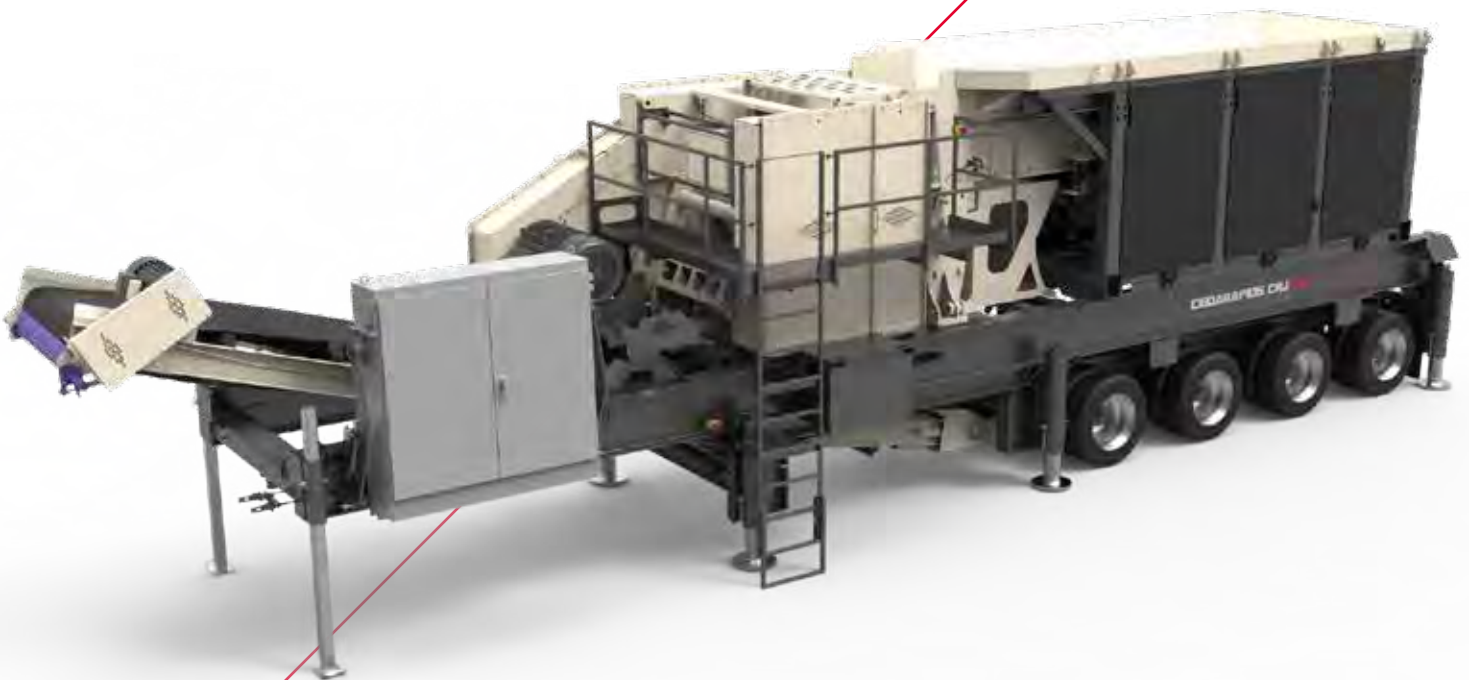


CEDARAPIDS®
A TEREX BRAND



Cedarapids®
Portable Plants

CRJ3255 Jaw Plant



A world working better™



Cedarapids® Portable Plants

CRJ3255 Jaw Plant

The Cedarapids CRJ3255 jaw plant combines the popular JW55 jaw crusher with the high stroke 52"x20' vibrating grizzly feeder making this plant a high production portable crushing machine. This quarry duty JW55 crusher, with its large 32"x55" opening, long jaws, and aggressive stroke, is in a class by itself in a portable crushing plant. Besides high production, the crusher has a modern hydraulic wedge adjustment and tension rod system making adjustments quick and safe. The action of the large stroke feeder provides high feed rates along with efficient fines separation on the grizzly section. The wide belt conveyor has large clearance below the crusher and is a straight line design without curves so the belt can maintain maximum tension, minimizing drive slippage. The conveyor also has a heavy duty shock absorbing impact bed under the jaw and continuously supported side flashing along its diverging hopper to minimize spillage and maintenance. Multiple options are available so customers can configure the CRJ3255 plant to their specific needs.

Standard Features

JW55 Jaw Crusher

- Tool-less hydraulic wedge jaw adjustment for quick safe adjustment
- Hydraulic tension rod automatically adjusts tension
- Electric/hydraulic adjust unit
- Quick change jaw die wedge system
- Side access to stationary die wedges
- High strength frame
 - Four-piece bolted and dowelled construction
- Bolted 3-piece side cheek plates for easy replacement

5220-15 Vibrating Grizzly Feeder

- Removable hopper module with 3/4" (19 mm) AR 400 sides, minimizes axle loads when needed
- High stroke grizzly feeder, for improved grizzly fines removal
- Bolt-in grizzly bars with 4" (102 mm) nominal opening, other spacings available
- Bypass chute diverts grizzly fines to undercrusher conveyor
- Rubber side curtains



Undercrusher Conveyor

- Tail section lowers for operation, raises for transport
- Straight-line conveyor design keeps belts tight (no slippage)
- Adjustable discharge height to fit transfer
- 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

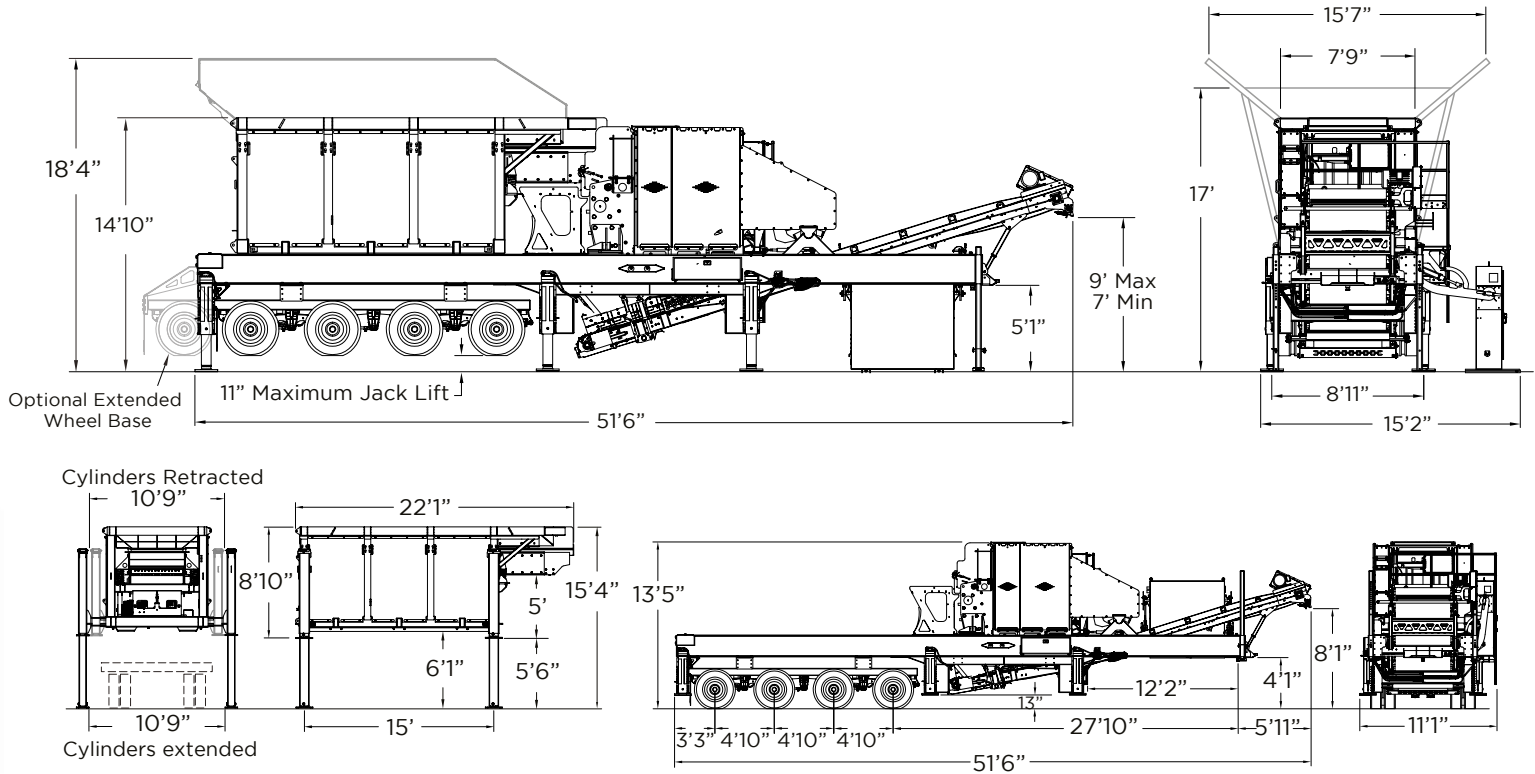
- Straight beam chassis with kingpin, under-frame mounted axles, spring suspension, air brakes, travel lights and splash guards
- Jaw mount vibration isolation pads
- Emergency stops on both sides of chassis
- Sixteen 295/75 R22.5 tires
- Adjustable kingpin support legs
- Service and observation platforms
- Remote grease lines for safe maintenance
- Lockable side-mounted storage box
- Crank style landing jacks

Estimated weights*	Axles	Kingpin	Total
Standard wheel base plant (feeder module removed)	58,845 lbs (26695 kg)	47,720 lbs (21645 kg)	106,565 lbs (48340 kg)
20' Hopper module (1)			28,590 lbs (12970 kg)
Optional extended wheel base plant with feeder module (1)	79,030 lbs (35850 kg)	56,555 lbs (25655 kg)	135,585 lbs (61500 kg)
Optional Diesel Driven plant (1)	79,758 lbs (36178 kg)	56,731 lbs (25733 kg)	136,489 lbs (61910 kg)

Power Requirements	hp	kW
Jaw	200	150
Feeder	40	30
Undercrusher conveyor	20	15
Extended undercrusher conveyor (optional)	25	19
Cross conveyor (optional)	7.5	5.6
Self-cleaning magnet (optional)	1.5	1
Dust suppression pump (optional)	0.75	0.5

* Weights include optional switchgear and hydraulic jacks
Consult the factory for weights of other optional equipment.
(1) 20' hopper included, no extensions

Transport and Working Dimensions



Feeder module shown with optional hydraulic lift system.

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

Optional Equipment

- Alternate axle configurations:
 - 3 axle spring suspension
 - 4 axle with extended wheelbase
 - 4 axle with extended wheelbase and 67" spacing
 - 3+1 spring suspension (tag and single pivot frame)
- Diesel generator powered
- Removable electrical switchgear panel, wiring and operator push-button station, hydraulic panel lift system
- Tethered or wireless remote feeder control
- Hydraulic feeder module lift system, no crane required to remove feeder module
- Hinged, 12'2" (3708mm) or 15'7" (4750mm) wide hopper wings with manual or hydraulic operation and ground access locking supports
- Grizzly reject cross conveyor
- Various grizzly bar spacing
- Extended length undercrusher conveyor with hydraulic fold
- Dust suppression water spray system
- Cross belt self-cleaning magnet
- Hydraulic leveling or run-on jacks (gas, 12V, or 24V in hinged enclosure) in place of crank landing jacks
- Hydraulic conveyor tail lift
- Oversize 315/80 R22.5 tires
- 24' feeder in place of 20' feeder



Transport and Working Dimensions - Diesel Option

