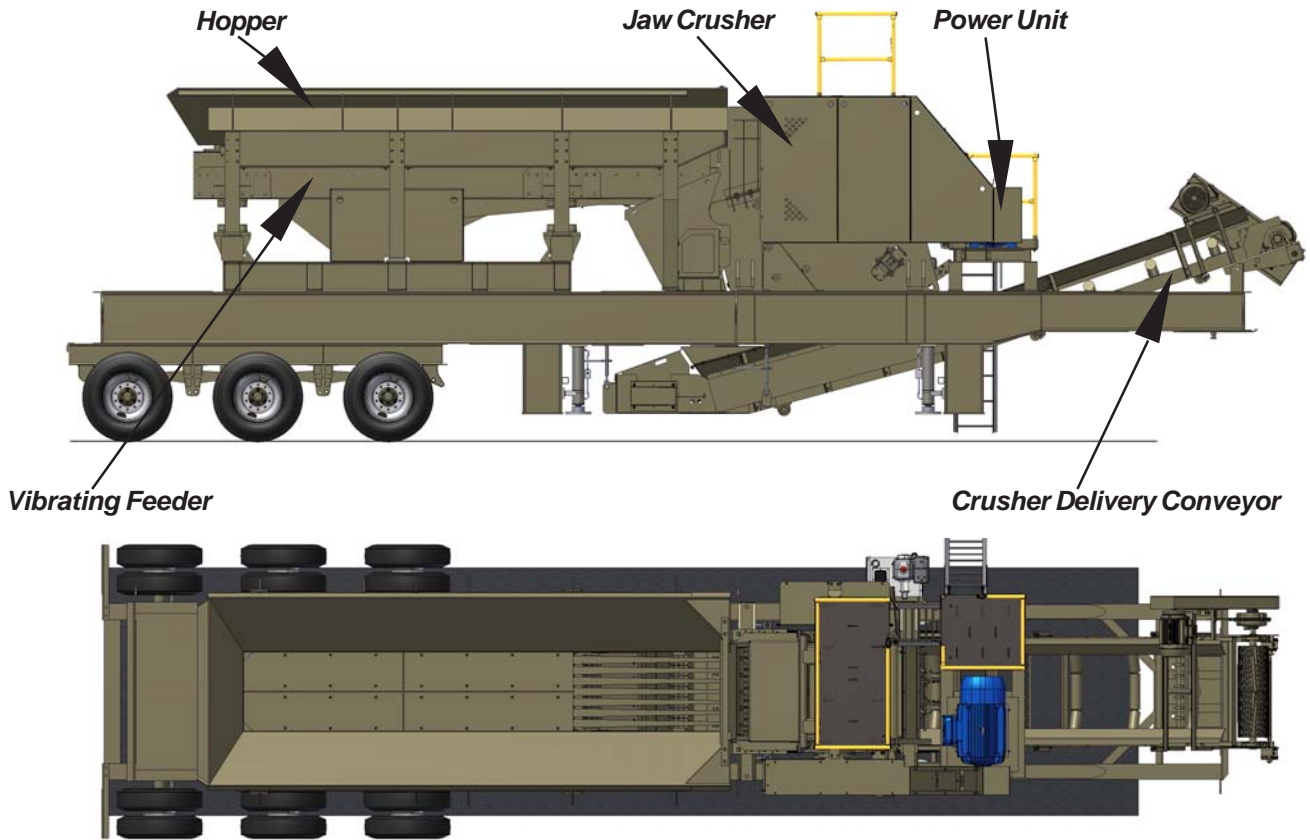




PORTABLE JAW PLANT Model RS3144 Spec Sheet



● RS3144 Portable Jaw Plant

- Designed to handle typical quarry rock or sand & gravel
- Utilizes a vibrating feeder and grizzly section
- All in one feed and scalping operation
- Low cost / Low maintenance crushing

● Main Plant Chassis

- I-beam frame
- Rear triple axle hutch suspension
- Hub piloted wheels bias tires 12-11:00 x 22.5
- Air brakes
- Fifth wheel plate and pin

● 3144 Jaw Crusher

- Grease lubrication
- Jaw mounted at 15°
- Drive 150 hp 1200 rpm (electric or diesel option)
- Large stroke of 1-1/2"

● 42" x 25' Crusher Delivery Conveyor

- V-belt drive 20 hp 1800 rpm electric motor
- Self-cleaning tail pulley
- 330-3 ply conveyor belt 350 fpm belt speed

● Hopper Feeder

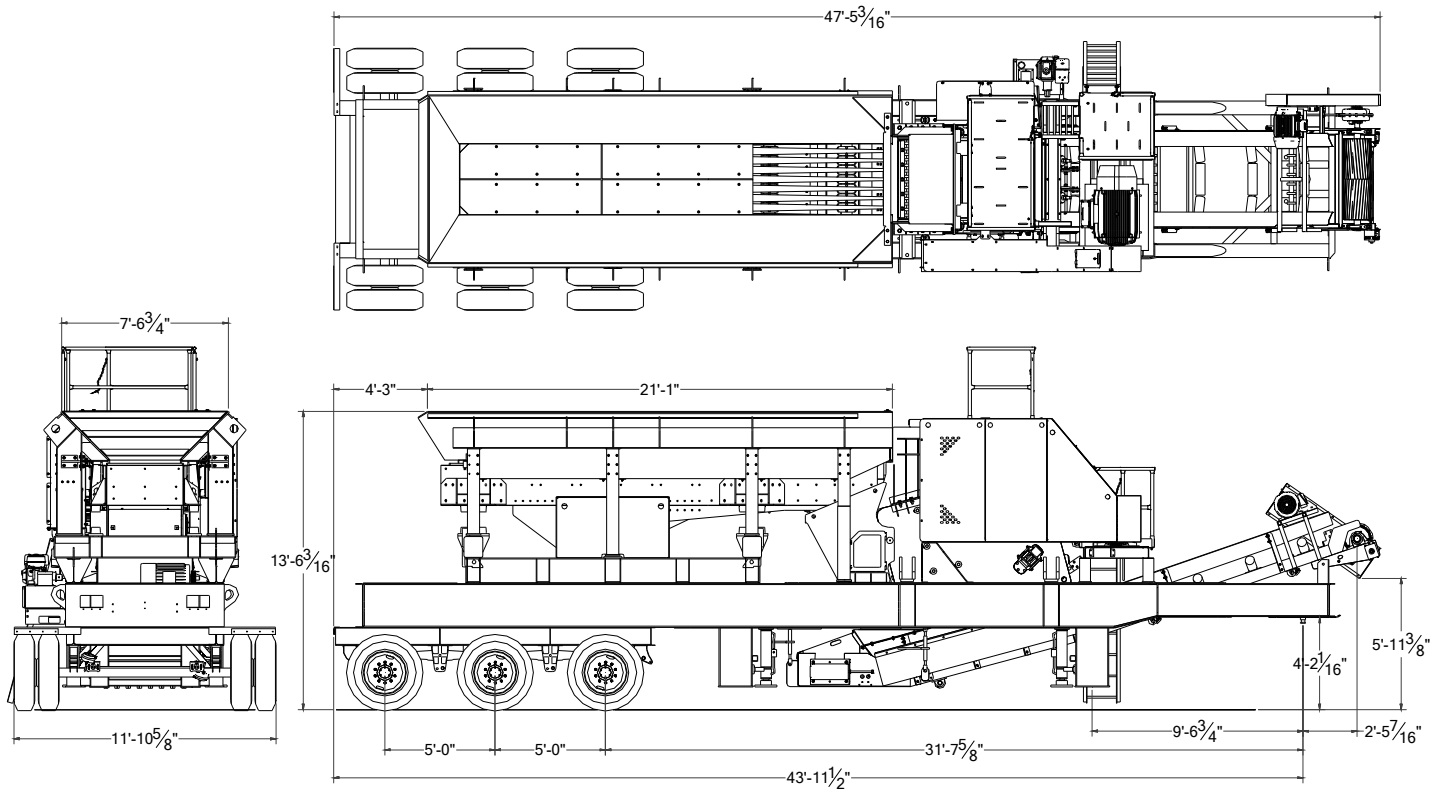
- 42" wide x 20' long feeder
- 6' Adjustable and replacement grizzly
- 40 hp 1800 RPM motor

● Bypass Spout Under Feeder Grizzly

- Bypass uncrushed fines
- 1/4" AR 400 Liners

● OPTIONS

- Hydraulic Jack Raise
 - (4) 5" x 18" leveling jacks with 8 hp Honda power
- Front drop down legs tube in tube
- Hopper wing bracket
- Variable speed for the vibrating feeder
- Auto adjust



● **TRAVEL WEIGHT**

(includes motors, less optional conveyor)

Weight on the rear triple axle..... ≤59,000
 Total plant weight..... ≤102,000

Weight on the 5th wheel pin≤43,000

● **TRAVEL DIMENSIONS**

Overall length..... 48'
 Overall height..... 13' 6"
 Overall width..... 142"

Travel length, rear end to 5th wheel pin44'
 Minimum road clearance..... 12"
 5th wheel plate height..... 50"

● **OPERATING DIMENSIONS**

Feed height to top of feeder hopper.....13' 7"

Discharge height of under crusher conveyor..... 6'

● **PAINT**

one coat of primer, finish coat of Beige acrylic

NOTE: Specifications are subject to change without notice.

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