

Recirculating Jaw Crusher

The McCloskey™ J45R recirculating Jaw Crusher combines the productivity of our J45 with the versatility of a full screening and recirculating system, allowing operators to produce a crushed and screened final product with one machine.

The combination of the Jaw Crusher along with the 5'x10' High Energy Screenbox and a recirculating conveyor deliver maximum productivity. The radial

recirculating conveyor allows operators to either return material through the crusher jaws or to stockpile a separate finished product.

The J45 boasts a high capacity hopper with close to 8 cubic yards (6 m³) capacity mounted over a vibrating feeder with optional pre-screen.

Features

- 1140 (45") x 688 (27") single toggle jaw
- Track or Track c\w Wheel bogie
- Integrated hydraulic olding hopper
- Integrated hydraulic folding stockpiling conveyors
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- Fast setup time



Recirculating System

Recirculation convevor allows operators to produce a crushed and screened final product with one machine.

Crushing Chamber

A 41.3" x 44.3" (1050mm x 1125mm), four bar impactor rotor with a 45.2" x 27.9" (1149mm x 708mm) feed opening.

Material Flow Path

Each sectional component is wider than the last to allow an unrestricted flow of material without narrowing. Allows for reduced wear and eliminates material bridging.



48" Main Conveyor

New wider 48" (1200mm) main conveyor, giving large stockpile capacity. Conveyor lowers and raises hydraulically.

Crusher Rotor

Direct drive crusher rotor via clutch which boasts maximum power transmission with a low fuel cost.

7.8 vd3 (6m3) hopper features liners, hydraulic locking wedges, and side locking wedges that are easily operated from the ground.

SPECIFICATION DATA

Dimensions and Capacities

Engine 360 Hp (268 kW) Volvo D11 T4 or T3 Transport Length 11' 1.8" (3.40m) Transport Width 51' 4.9" (15.668m) Transport Height 9' 1.5" (2.78m) Weight - w/ magnet 92.594 lb & dirt conveyor (42,000kg) Impact Rotor 41.3" diameter x 44.3" wide Stockpile Height 13' 7.1" (4.142m) Fines Conveyor 8' 2" (2.48m) Stockpile Height Side Conveyor

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