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C2R

Recirculating Cone Crusher

The McCloskey™ C2R recirculating cone crusher combines the versatility of the C2 Cone Crusher with a full screening and reirculating system, allowing operators to produce a high quality crushed and screened final product with one machine.

Both the C2 & C2R have full-level features such as load and material level monitoring, full hydraulic push button Closed Side Setting (CSS) adjust and a full hydraulic relief system.

Features

- MC200 Cone
- Tracked
- Integrated hopper with folding rear door
- I-beam plate fabricated chassis construction
- Large gap between crusher discharge and main conveyor
- Fast setup time
- Open chassis design for ease of maintenance
- High speed, high throw 200Hp cone

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Feeder

Heavy Duty steel hopper with adjustable feed rate via control panel, remote control or fully automatic regulation with feedback from the cone

Crushing Chamber

Built to be reliable in the toughest operating conditions, the cone on the C2R has a minimum setting of 13mm (0.5”) and a maximum feed opening of 185mm (7.25”)

Material Flow

Large clearance between crusher discharge and the main conveyor feedboot prevents bottlenecking.

Long Stroke (77mm)

Excellent productivity through long stroke and high speed in terms of capacity, reduction and end product shape.

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SPECIFICATION DATA

Dimensions and Capacities

Engine	**360 Hp (268 kW)**
Cone	**MC200**
Feed Opening	**38” (914mm)**
Feeder Belt Width	**42” (1050mm)**
Hopper Volume	**5m³ (6.5yd³)**
Crusher Drive	**Direct Drive**
CSS Adjustment	**Hydraulic**
Transport Height	**11’ - 1.2” (3.4m)**
Transport Length	**60’ - 9” (18.52m)**
Transport Width	**11’ - 5” (3.49m)**
Weight	**114,640 lb (52,000kg) (est.)**
Stockpile Height Main Conveyor	**13’ - 10.8” (4236mm)**
Main Conveyor Belt Width	**48” (1200mm)**

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