



C3R

Recirculating Cone Crusher

The McCloskey™ C3R recirculating cone crusher combines versatility of the C3 Cone Crusher with a full screening and recirculating system, allowing operators to produce a high quality crushed and screened final product with one machine.

The C3R provides a high degree of control over the final product, making it the ideal portable secondary crusher.

Features

- MC300 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 300Hp cone

SPECIFICATION DATA

Dimensions and Capacities

Engine	510 Hp (380 kW)
Cone	MC300
Feed Opening	42" (1050mm)
Feeder Belt Width	48" (1200mm)
Hopper Volume	6.2m ³ (8.1yd ³)
Crusher Drive	Direct Drive
CSS Adjustment	Hydraulic
Transport Height	11' - 9.7" (3.6m)
Transport Length	67' - 9" (20.65m)
Transport Width	12' - 7" (3.6m)
Weight	106,770 lb (48.430kg) (est.)
Stockpile Height Main Conveyor	12' - 9" (3887mm)
Main Conveyor Belt Width	48" (1200mm)

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 C3R has a minimum setting of 13mm (0.5") and a maximum feed opening of 211mm (8.31")



Material Flow

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

Long Stroke (84mm)

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