



I54Rv3

High Performance Recirculating Impact Crusher

The McCloskey® I54Rv3 has been designed with durability, power and ease of use in mind. The I54Rv3 offers a full screening and recirculating system, allowing operators to produce a high quality crushed and screened final product with one machine. The crushers offer the option to discharge to a vibratory underpan, or direct to the main conveyor.

Available with various blow bar material options, the I54Rv3 is versatile and easily transported. It has a minimal setup time, maximizing on-site production time. The I54Rv3's versatility and upgraded design makes it ideal for some of the toughest applications worldwide, including asphalt recycling, concrete recycling, rock crushing, construction and demolition.

Features

- 1200mm (48") diameter x 1350mm (53") wide Impactor
- 510Hp (380kW) engine
- Integrated hydraulic folding hopper
- I-beam plate fabricated chassis construction
- Open chassis design for ease of maintenance
- Fast setup time
- Tracked
- Integrated hydraulic folding stockpiling conveyors.
- Vibrating feeder under crusher discharge

Material Flow Path

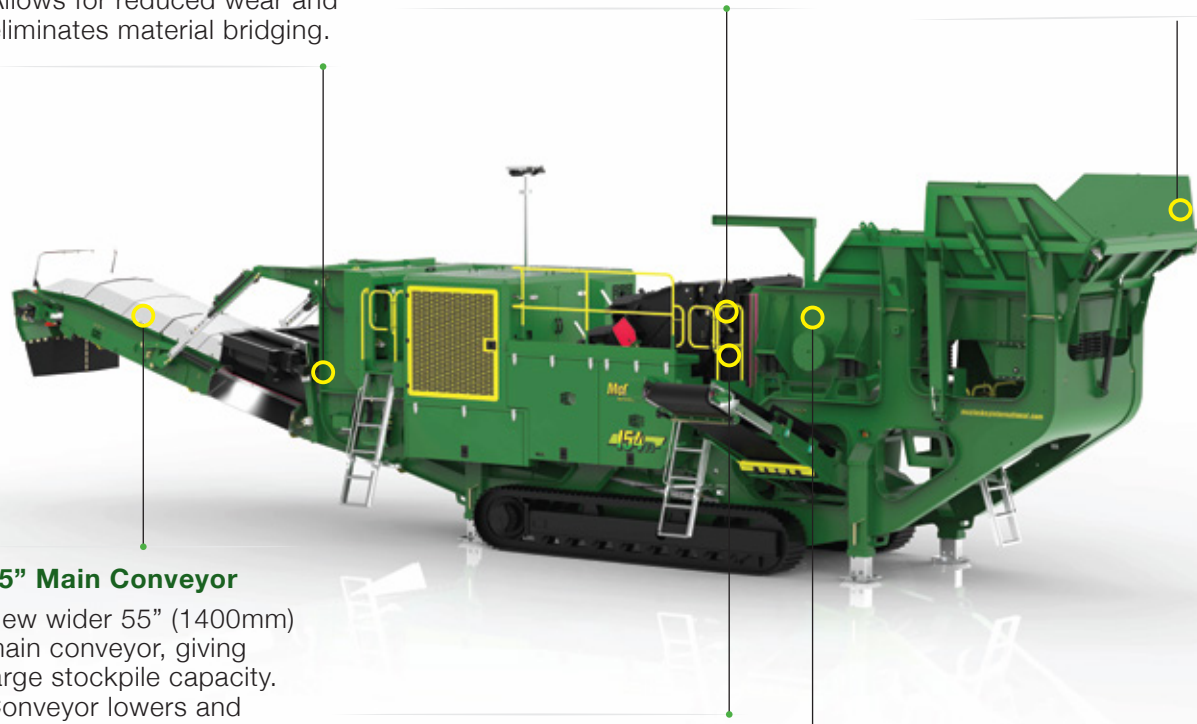
Each sectional component is wider than the last to allow an unrestricted flow of material without narrowing. Allows for reduced wear and eliminates material bridging.

Crushing Chamber

A 47.2" x 52.6" (1200mm x 1335mm), four bar impactor rotor with a 53.5" x 37" (1360mm x 950mm) feed opening.

Hopper

8.9yd³ (6.8m³) hopper features liners, hydraulic locking wedges, and side locking wedges that are easily operated from the ground.



55" Main Conveyor

New wider 55" (1400mm) main conveyor, giving large stockpile capacity. Conveyor lowers and raises hydraulically.

New 8' Double Deck Pre-Screen

The much larger crusher prescreen maximizes crusher efficiency and delivers screened product via a straight chute to a new wider 32" side conveyor

Crusher Rotor

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

SPECIFICATION DATA

Dimensions and Capacities

Engine	510 Hp (380 kW)
Transport Height	11' 9.7" (3.60m)
Transport Length	62' 7.2" (19.081m)
Transport Width	12' 3.5" (3.75m)
Weight - 1.5 Deck w/ magnet & dirt conveyor	143,267 lb (64,990kg)
Weight - 2 Deck w/ magnet & dirt conveyor	144,908 lb (65,730kg)
Impact Rotor	47.2" diameter x 52.6" wide
Stockpile Height Main Conveyor	12' 3" (3.74m)
Stockpile Height Side Conveyor	8' 5.1" (2.57m)

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