



# I54Rv3

## High Performance Recirculating Impact Crusher

The 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) Volvo D11 T4 Final 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

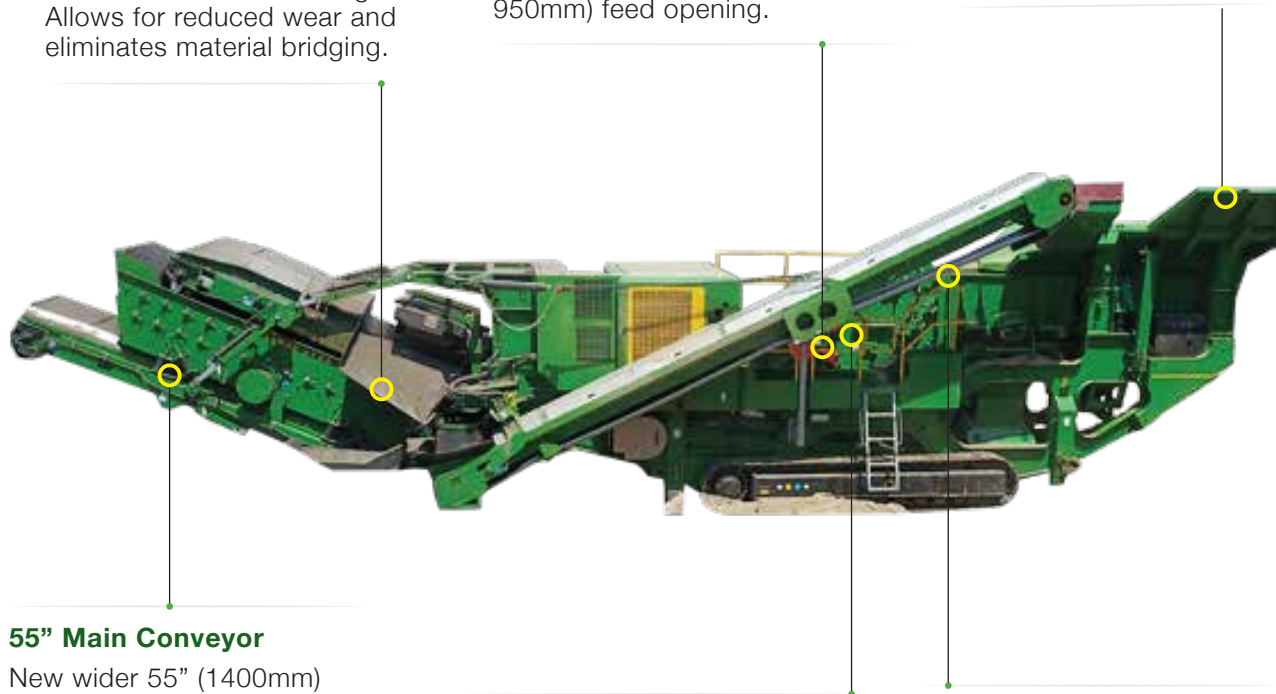
Each sectional component is wider than the last to allow an unrestricted flow of material without narrowing. Allows for reduced wear and eliminates material bridging.

### 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

8.9 yd<sup>3</sup> (6.8m<sup>3</sup>) 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.

## Dimensions and Capacities

Engine	<b>510 Hp (380 kW)</b> <b>Volvo D13</b> <b>Tier 4 Final</b>
Transport Height	<b>11' 9.7" (3.60m)</b>
Transport Length	<b>62' 7.2" (19.081m)</b>
Transport Width	<b>12' 3.5" (3.75m)</b>
Weight - 1.5 Deck w/ magnet & dirt conveyor	<b>143,267 lb</b> <b>(64,990kg)</b>
Weight - 2 Deck w/ magnet & dirt conveyor	<b>144,908 lb</b> <b>(65,730kg)</b>
Impact Rotor	<b>47.2" diameter x</b> <b>52.6" wide</b>
Stockpile Height Main Conveyor	<b>12' 3" (3.74m)</b>
Stockpile Height Side Conveyor	<b>8' 5.1" (2.57m)</b>

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