



I54v3

High Performance Impact Crusher

The new I54v3 Impactor continues to bring high quality and high production capacity to McCloskey™ mobile impactor applications.

The I54v3 has been designed with durability, power and ease of use in mind. New features include open chassis for ease-of-access, optional full length main conveyor or optional underpan under the crushing chamber conveyor, hydraulic adjustable magnet, and a new larger double deck prescreen for more efficient

finer removal. Main and side conveyors are now wider to accommodate a larger volume of prescreen discharge material, and to allow for better discharge from the crushing chamber.

The I54v3'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

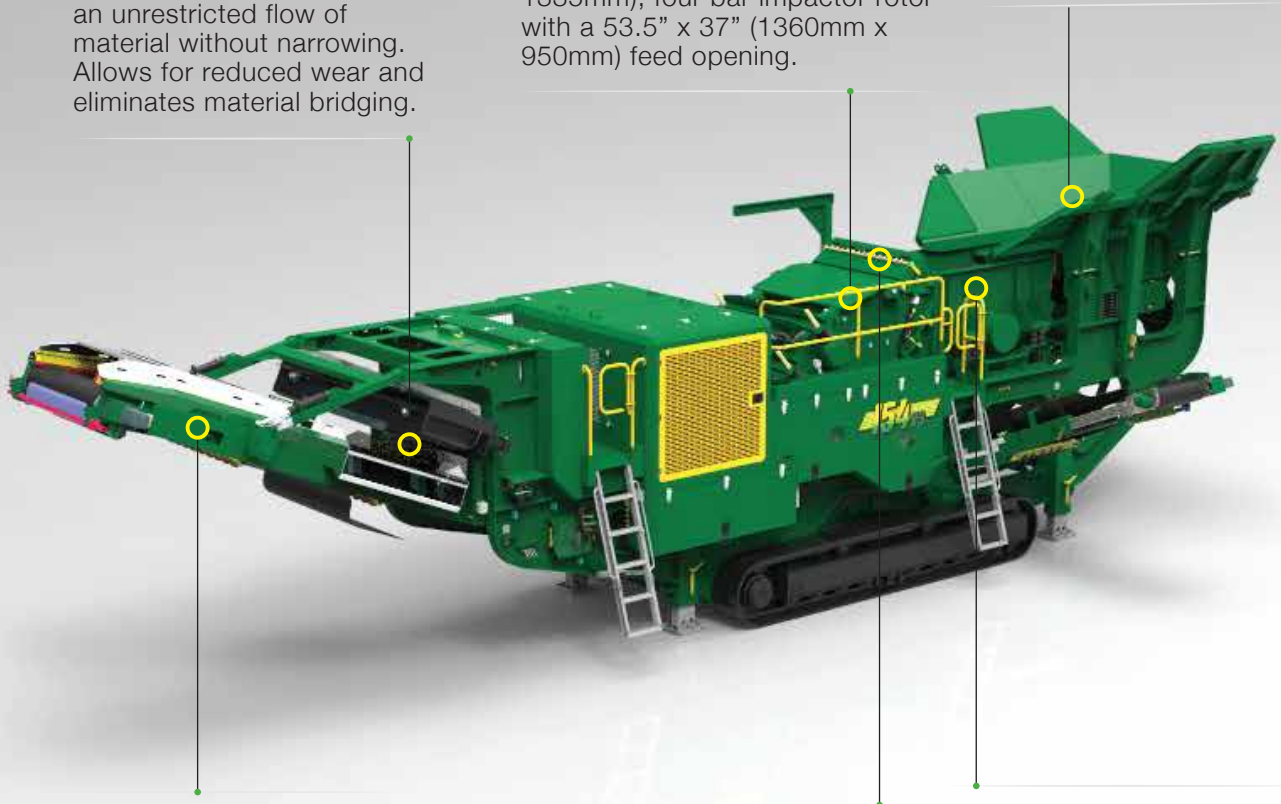
Each sectional component is wider than the last to allow an unrestricted flow of material without narrowing. Allows for reduced wear and eliminates material bridging.

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 yd³ (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.

Dimensions and Capacities

Engine	510 Hp (380 kW) Volvo D13 Tier 4 Final
Transport Height	11' 9.7" (3.60m)
Transport Length	52' 0.3" (15.857m)
Transport Width	9' 10" (3.0m)
Weight - w/ magnet & dirt conveyor	116,624 lb (52,900kg)
Impact Rotor	47.2" diameter x 52.6" wide
Stockpile Height Main Conveyor	13' 8.9" (4.188m)
Stockpile Height Side Conveyor	8' 5.1" (2.57m)

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