

I3cR IMPACT CRUSHER

PRODUCT BROCHURE



START WITH SAFETY



EXTERNAL BELT
ALIGNMENT POINTS



EXTERNAL
GREASE POINTS



ENGINE SAFETY
SHUTDOWN SYSTEMS



FULL SAFETY GUARDING
FOR NIP POINTS

McCloskey®
INTERNATIONAL

I3cR IMPACT CRUSHER

POWERFUL, EFFICIENT, & HIGHLY VERSATILE

Engineered for high-performance crushing in compact and demanding environments, the I3cR is McCloskey's versatile recirculating track-mounted impact crusher.

Its powerful impactor delivers consistent material reduction, while the integrated recirculation system ensures efficient reprocessing of oversize material, improving throughput and final product quality.

Designed with productivity and flexibility in mind, the I3cR offers rapid setup, hydraulic folding conveyors, and the ability to crush while tracking, allowing operators to reposition without interrupting production.

Its open chassis design and accessible service points simplify maintenance, helping to minimise downtime and maximise uptime across dynamic job sites.

Highly adaptable across a wide range of applications, the I3cR excels in construction and demolition recycling, asphalt recycling, and smaller-scale aggregate production.

Combining mobility, compact design, and efficient closed-circuit performance, it delivers a reliable balance of power, versatility, and ease of operation where space constraints and operational efficiency are critical.

I3cR GENERAL SPECIFICATIONS

IMPACTOR CHAMBER	
Feed opening W x H	860 x 650 mm, (34 x 26")
Rotor dimensions W x D	820 mm (32") wide x 900 mm (36") diameter
Crusher speed	678 - 756 rpm (32 - 35.5 m/s rotor tip speed)
Capacity	90 - 350 tph (99 - 385 stph)
Min - max gap setting	25 - 125 mm (1 - 5")
Feed size	600 x 500 x 500 mm lump, (24" x 20" x 20")
Crusher drive	Direct
Impactor weight	7,150 kg (15,763 lbs)
VIBRATING GRIZZLY FEEDER	
Feeder width	800 mm (32")
Feeder length	3750 mm (148")
Grizzly section opening	Tapered 30 - 50 mm or 45 - 65 mm
Grizzly section length	1080 mm (43")
SCREENBOX	
Dimensions - Top Deck	1,100 mm x 2,000 mm (3'-7" x 6'-7")
Screen media - Top Deck	6'-7" x 3'-7" end tension - 1 off
Screen angle	25°
Drive system	Direct drive
HOPPER	
Length overall	5,000 mm (16' 4.7")
Width	2,442 mm (8')
Volume	6.8 m ³ (8.9 yd ³)
Material	15 mm Hardox side plates
SIDE CONVEYOR	
Stockpile height	2,583 mm (8' - 6')
Stockpile volume	31.8 m ³ (41.6 yd ³)
Belt width	500 mm (20")

Gain clear, real-time insight into your fleet with the latest **365SiteConnex**, powered by **Tedd Engineering**.

Easily monitor machine performance and downtime, and apply remote diagnostics to keep your equipment running efficiently and maximise uptime.

MPP AFTERMARKET

MPP Aftermarket delivers premium wear parts for all McCloskey crushers with precision, reliability, and speed.

With a global parts inventory, supported by factory-trained technical and on-call support teams, you get the right component exactly when you need it, keeping your operations productive and profitable.

Our promise is simple: uptime delivered



PERFECT FIT & FUNCTION



OPTIMISED CRUSHER ECONOMY



WARRANTY COMPLIANCE & EXTENDED COVERAGE



SAFER MAINTENANCE & LONGER LIFESPAN



TECHNICAL SUPPORT & GLOBAL NETWORK

MAIN CONVEYOR

Stockpile height	3,006 mm (9' – 10")
Stockpile volume	50.1 m ³ (65.5 yd ³)
Belt width	900 mm (36")

POWERUNIT

Fuel consumption	15 - 25 l/h (4 - 6.6 US Gal/h)
Engine	Volvo D8 Tier 4 Final or Tier 3
Engine power	188 kW (252 HP)
Engine speed	1,750 - 1,950 rpm

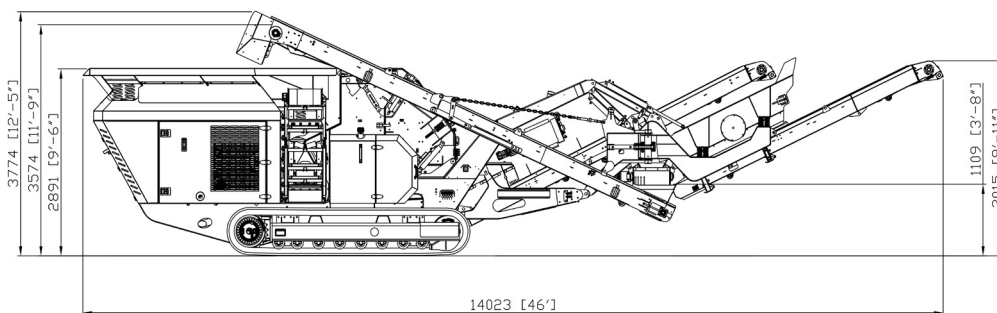
TRACKS

Track spec	D5 components
Width	400 mm (16")
Length (c-c)	3,240 mm (10' – 8")
Multiple speeds	3 speeds, selectable on remote control

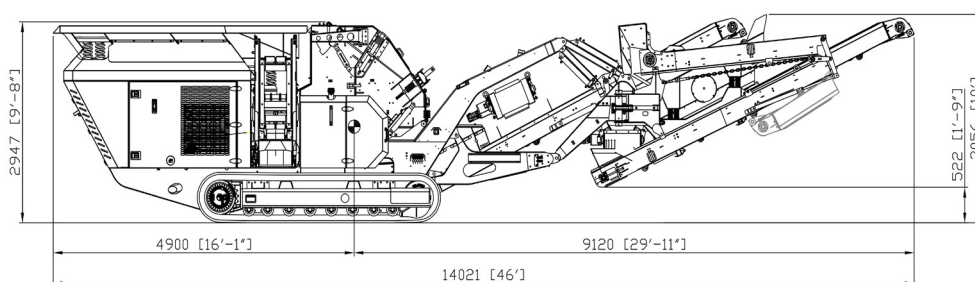
DIMENSIONS AND WEIGHTS

Length - transport	14.02 m (46')
Width - transport	2.55 m (8' – 4")
Height - transport	3.06 m (10')
Weight	26,300 kgs (57,982 lbs) inc magnet & dirt conveyor

OPERATION MODE



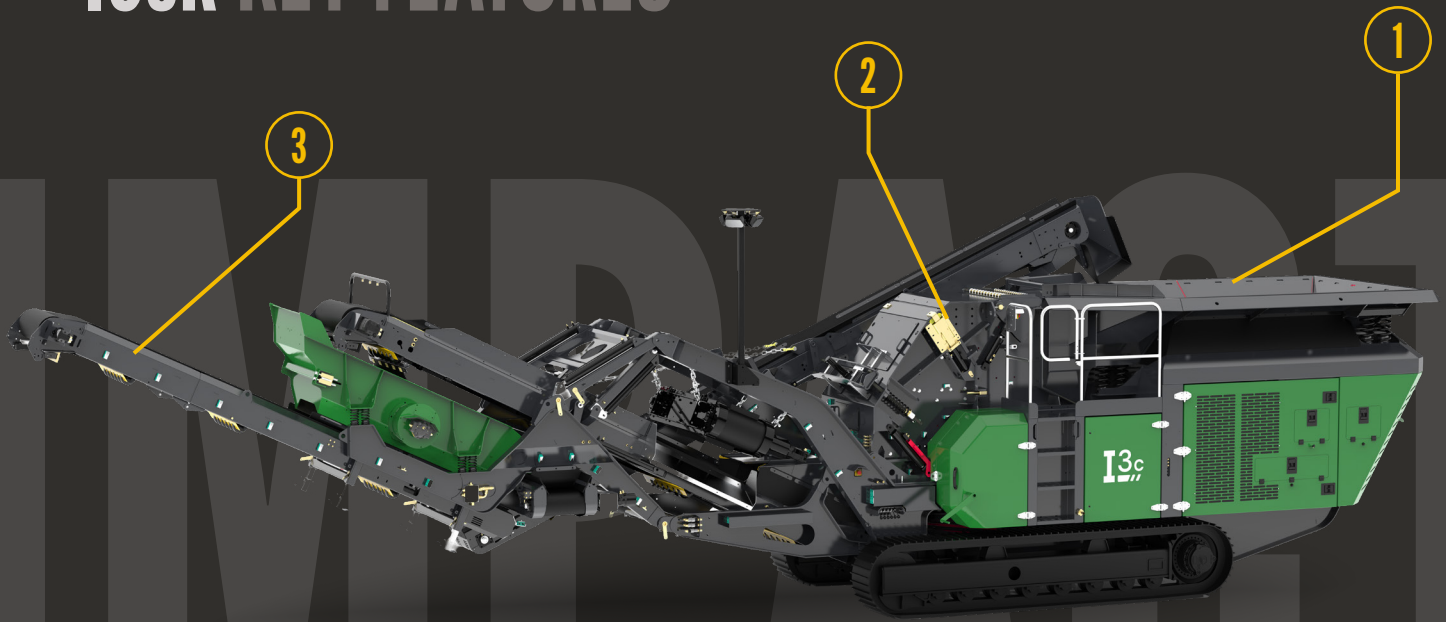
TRANSPORT MODE



*Capacity is calculated for bulk density of 1.6 t/m³ and clean feed material. Results may vary depending on individual settings of specific machines.

**“IT'S MOBILE AND COMPACT.
IT'S DEFINITELY OUTPERFORMING
PEOPLE'S EXPECTATIONS.”**

I3cR KEY FEATURES



1 HOPPER

A one piece vibrating feeder-hopper unit to optimise the feed into the crusher. The feeder rate is adjustable manually or automatically into the impactor for seamless operation.

2 IMPACT CRUSHER

A high-performance impactor with a single apron crushing chamber. The aggressive apron and blow bar design create a high quality product. An optional fourth grinding path can further increase the overall reduction ratio.

3 MAIN CONVEYOR

A wide, high-capacity conveyor provides increased stockpile volume and features hydraulic raise and lower functionality for efficient operation.

★ BLOW BARS

Different material compositions for different applications always allowing for maximum lifetime and best crushing results.

★ CONTROL PANEL

A user-friendly, waterproof, and dustproof control panel with push-button controls for impactor, track, and feeder functions. Monitors pressure, fluid levels, and fuel use, with telematics for remote diagnostics.

★ MATERIAL FLOW PATH

Each sectional component progressively widens to maintain unrestricted material flow, reducing wear and eliminating the risk of material bridging.

McCloskey®
INTERNATIONAL

mccloskeyinternational.com

NORTHERN IRELAND (HQ)

McCloskey International Ltd.
47 Moor Road,
Coalisland, Co. Tyrone,
Dungannon
BT71 4QB
Northern Ireland

CANADA

McCloskey International Ltd.
1 McCloskey Road
Keene, Ontario
K9J 0G
Canada

Authorised Distributor

MC 0002 EN

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