

I24R 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

I24R IMPACT CRUSHER

POWERFUL, EFFICIENT, & HIGHLY VERSATILE

The McCloskey I24R Impact Crusher is designed to deliver powerful crushing performance, exceptional material reduction, and high productivity across a wide range of applications. Combining a compact footprint with advanced impact crushing technology, the I24R provides operators with an efficient and versatile solution for processing aggregates, construction and demolition waste, asphalt, and recycled materials.

Engineered for demanding job sites, the I24R features a high-performance impact crusher that delivers excellent product shape,

consistent output, and reliable production rates. Its optimized material flow and robust crushing chamber help maximize throughput while reducing wear and operating costs.

The machine's user-friendly design supports quick setup, straightforward operation, and simplified maintenance, minimizing downtime and maximizing productivity. With its mobile tracked design, the I24R can be easily transported between sites while offering the flexibility needed for a wide variety of crushing applications.

Whether working in quarrying, recycling, or contracting environments, the McCloskey I24R Impact Crusher delivers the performance, reliability, and efficiency required to meet the demands of modern material processing operations.

For operators seeking a compact yet highly capable impact crusher, the I24R offers outstanding productivity and dependable results day after day.

I24R GENERAL SPECIFICATIONS

IMPACTOR CHAMBER	
Feed opening W x H	600 x 350 mm (24" x 14")
Rotor dimensions W x D	600 mm (24") x 1050 mm (39") diameter
Crusher speed	650 rpm (36.35 m/sec rotor tip speed)
Capacity	Up to 120 tph (132 stph)
Min - max gap setting	10 - 60 mm (0.4 - 2.4")
Feed size	200 mm (8")
Crusher drive	Direct, 6x SPC V-belt
Impactor weight	5,800 kg (12,787 lbs)
SCREENBOX	
Dimensions - Top Deck	1100 mm x 2000 mm (3'7" x 6'-7")
Screen media - Top Deck	6'-7" x 3'-7" end tension - 1 off
Screen stroke	8 mm
Drive system	Single shaft hydraulic direct drive, 970 rpm
HOPPER	
Length overall	3400 mm (11' 2")
Width	1500 mm (4' 11")
Volume	Min 2.5 m ³ (3.3 yd ³)
Wear liners	8 mm AR 400
CONSUMPTION & THROUGHPUT	
Consumption	20 - 35 l/h (5.3 - 9.2 US Gal)
Throughput	Up to 120 tph (132 stph)

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	3,200 mm (10' – 6")
Stockpile volume	60 m ³ (79 yd ³)
Belt width	650 mm (26")

POWERUNIT

Engine	CAT C7.1 (Stage 5, Tier 4F, T3 LRC)
Engine power	225 kW (300 hp)
Engine speed	1800 rpm

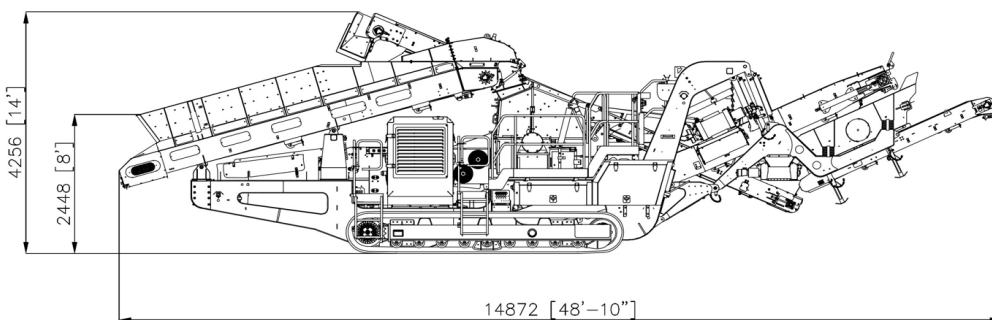
TRACKS

Track spec	D5 components
Width	400 mm (16")
Length (c-c)	3957 mm (13')
Multiple speeds	2 speeds

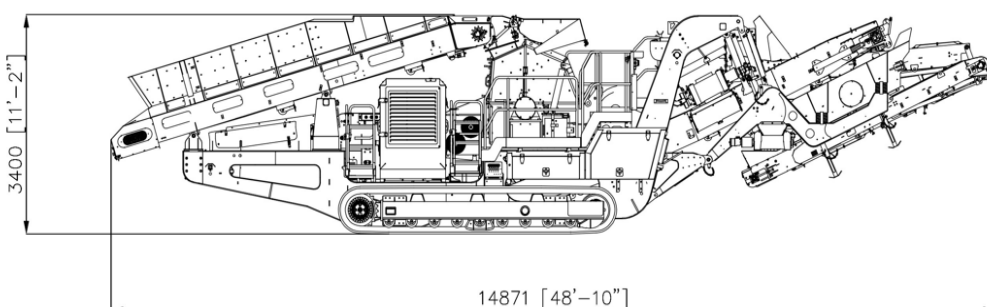
DIMENSIONS AND WEIGHTS

Length - transport	14.87 m (48' 10")
Width - transport	2.65 m (8' – 9")
Height - transport	3.40 m (11' 2")
Weight (Approx)	28,000 kg (61,729 lbs)

OPERATION MODE



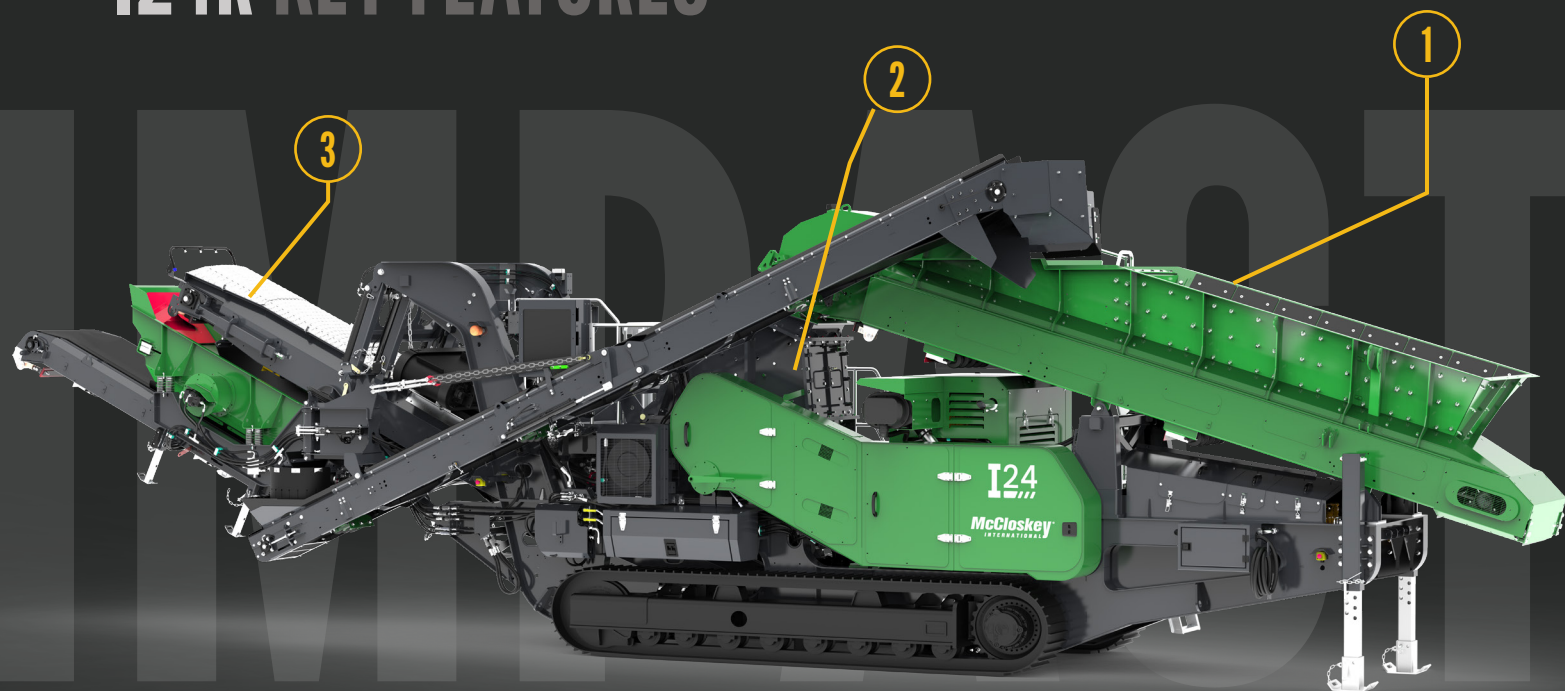
TRANSPORT MODE



*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.**

I24R KEY FEATURES



1 HOPPER

A variable feeder-hopper unit with different extensions options and a belt feeder to transport material into the crusher. The feeder rate is adjustable for seamless operation.

2 IMPACT CRUSHER

A high-performance impactor with a single apron crushing chamber that comes with a standard additional grinding path.

3 MAIN CONVEYOR

A 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.

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