

J5 JAW CRUSHER

PRODUCT BROCHURE



START WITH SAFETY



EXTERNAL BELT ALIGNMENT POINTS



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ENGINE SAFETY SHUTDOWN SYSTEMS



FULL SAFETY GUARDING FOR NIP POINTS

McCloskey[®]
INTERNATIONAL

J5 JAW CRUSHER

HEAVY-DUTY PERFORMANCE

Engineered for high-capacity crushing in demanding environments, the J5 is McCloskey's latest heavy-duty track-mounted jaw crusher. Its powerful single toggle jaw delivers consistent performance, while generous clearance between the crusher discharge and main conveyor maintains smooth material flow and reduces blockage risk.

Designed for productivity and easy maintenance, the J5 offers rapid setup and hydraulic folding components for improved access to key service areas. A hydraulic drive system supports high throughput, and wear plate equipped chutes enhance durability. The reverse jaw function provides fast obstruction clearance to minimise downtime.

Versatile across a wide range of crushing applications, the J5 combines efficient performance with a streamlined material handling layout and safety-led features for dependable operation on challenging job sites. With the strength to process difficult material and the reliability needed for continuous performance, it delivers the power and durability required to keep production moving.

J5 GENERAL SPECIFICATIONS

CRUSHING CHAMBER	
Feed opening W x D	1,150 x 760 mm (45' x 30')
Minimum opening	70 mm (2.8")
Maximum opening	200 mm (8")
Maximum feed size	625 mm (25")
Capacity	165-520 tph (180-580 stph)
CSS	70-200 mm (2.8-8")
GRIZZLY FEEDER	
Feeder width	1,164 mm (45.8")
Feeder length	4,990 mm (196.5")
Grizzly section opening	Tapered 35-75 mm (1.4-3")
Grizzly section length	1,690 mm (66.5")
SHORT PAN FEEDER TO SUIT PRESCREEN - OPTION	
Feeder width	1,164 mm (45.8")
Feeder length	2,695 mm (106.2")
DOUBLE DECK GRIZZLY PRE-SCREEN - OPTION	
Pre-Screen width (Inside wear plates)	1,204 mm (47.4")
Pre-Screen length overall	2,360 mm (7' 8.8")
Grizzly section opening	Tapered 35-75 mm (1.4-3")
Grizzly section length	2,190 mm (86.2")
Bottom deck mesh	1,190 x 1,728 mm (46.8" x 68")
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	3,680 mm (12' 0.75")
Belt width	800 mm (32")

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 McCloskey jaw 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	4,254 mm (13' 11.5")
Belt width	1,400 mm (55")

POWERUNIT AND HYDRAULICS

Fuel consumption	25-40 l/h (1.6-2.9 US Gal/h)
Engine option 1	Volvo D11 Tier 4F/Stage 5, 269 kW (361 hp)
Engine option 2	CAT C9B Tier 4F/Stage 5, 310 kW (416 hp)
Engine option 3	CAT C9B LRC, 310 kW (416 hp)

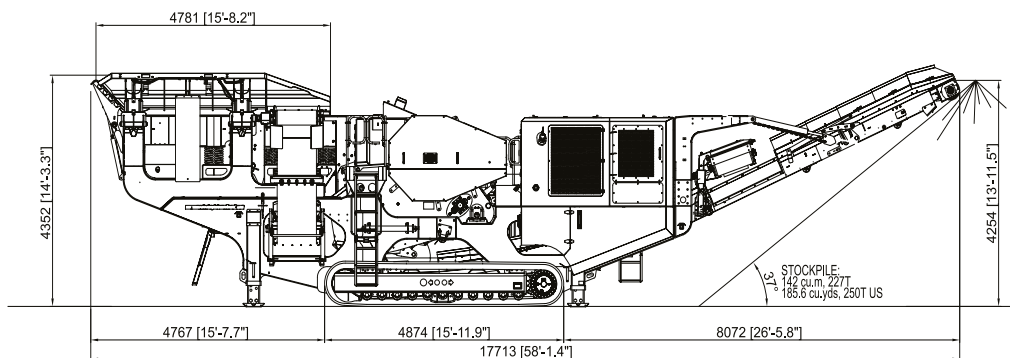
TRACKS

Track spec	D5 components
Width	400 mm (15.7")
Length (c-c)	4,100 mm (13' - 5.4")
Multiple speeds	Three speed system selectable at control panel with smooth start/stop

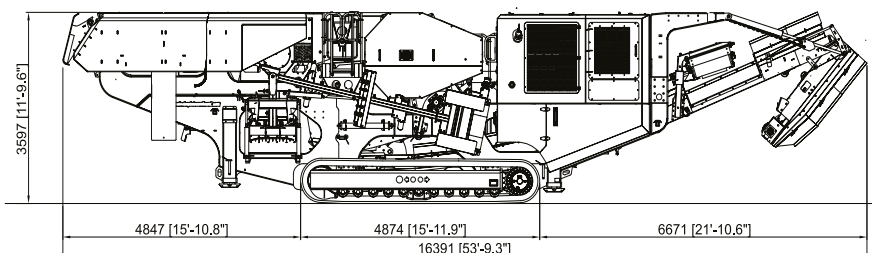
DIMENSIONS AND WEIGHTS

Length - transport	16.39 m (53' 9.3" estimated)
Width - transport	3.10 m (10' 2")
Height - transport	3.60 m (11' 9.6")
Weight	61,000 kg (134,482 lbs)

OPERATION MODE

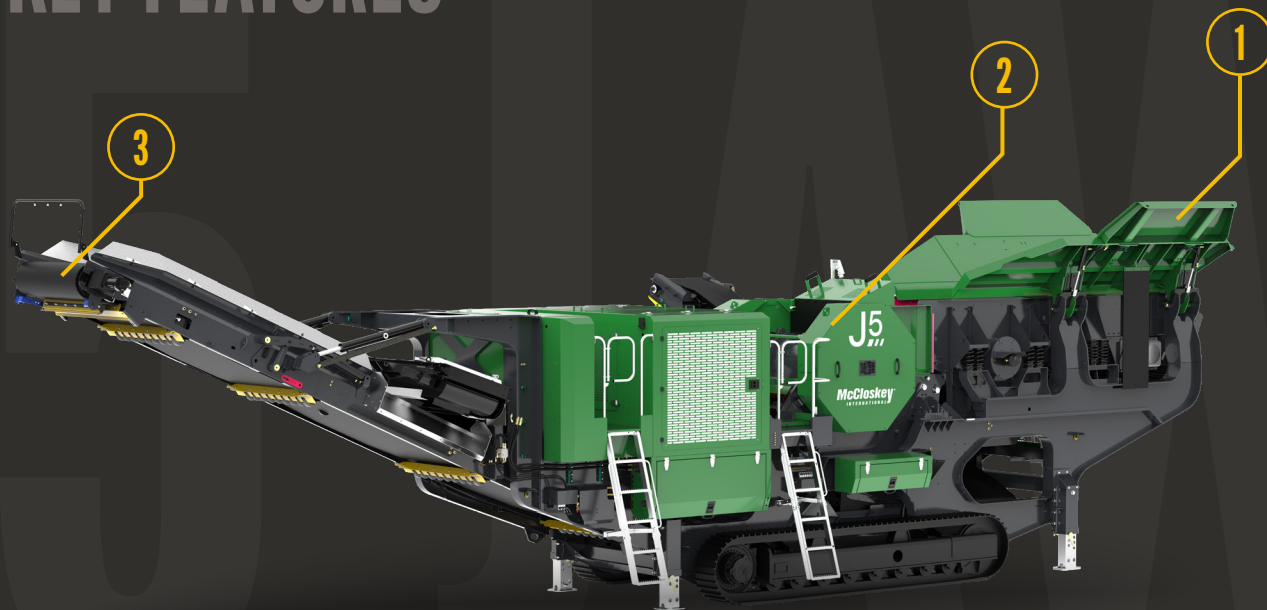


TRANSPORT MODE



*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.

J5 KEY FEATURES



1 HOPPER

A hydraulic folding hopper is mounted over a vibrating feeder with an integral prescreen. The feeder rate is adjustable manually or automatically via the load-sensing jaw for seamless operation.

2 JAW CRUSHER

A high-performance jaw with a reversible hydrostatic drive, reversible jaw plates, and twin hydraulic ram wedge for quick CSS adjustments. For heavy-duty applications, the J5 model can be factory-fitted with a Rock Hammer for added versatility.

3 MAIN CONVEYOR

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

★ CRUSHER PRE-SCREEN

An optional independent pre-screen enhances efficiency, removing fines and delivering screened material via the side conveyor for optimised production.

★ CONTROL PANEL

A user-friendly, waterproof, and dustproof control panel with push-button controls for jaw, 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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