

CRUSHING

McCloskey offers robust and reliable mobile crushers for the materials processing industry. The high performance range of jaw, impact and cone crushers combine productivity with outstanding durability to achieve the most efficient levels of product reduction across all crushing applications.



J35/J35R

HIGH PRODUCTION COMPACT CRUSHERS

The J35 compact crusher is the perfect solution for projects with small footprints but big requirements.

This versatile, mobile crusher nimbly moves around in small spaces, continuing to track while crushing.

The J35's small footprint is uniquely suited to demolition and asphalt recycling, aggregates and smaller scale construction projects. Less than 2.5m wide, the crushers can be transported easily from site to site.

The J35 compact crusher boasts flexibility as well - the addition of a recirculation system is done easily & quickly, minimizing your downtime.

Specifications

Engine*	218 hp (162kw)
Feed Opening	890mm (35") x 500mm (20")
Crusher Speed	300 rpm
Grizzly Feeder	2102mm (82.8") x 4230mm (166.5")
Weight inc. Magnet & Dirt Conveyor	J35 - 23,850 kg (52,580 lbs) J35R - 28,000 kg (61,729 lbs)
Main Conveyor Stockpile Height	3006mm (9' - 10")
Side Conveyor Stockpile Height	2583mm (8' - 6")

*Tier 4. Tier 3 available for LRC only.

Features

- 890mm (35") x 500mm (20") Jaw Crusher
- Integrated hydraulic folding stockpiling conveyors
- Reverse crushing
- Optional overband magnet
- Various jaw die options
- Open chassis design for ease of maintenance
- Able to track and crush simultaneously

J40v2

HIGHLY PORTABLE JAW CRUSHER

The J40v2 Jaw Crusher continues McCloskey's focus on quality, durability, and productivity. With heavy duty cheekplate design, 40" wide jaw and user-friendly control panel with excellent machine diagnostics, the J40v2 provides contractors with a highly portable option while meeting all production expectations. At 2.5 meters wide, it's ideal for applications that require a high degree of mobility.

Maximum productivity is delivered through features like a deep jaw box, fast jaw speed and a large gap between the crusher discharge and main conveyor feedboot.

The J40v2 retains the core values expected in a full size McCloskey Jaw Crusher, including high capacity production and heavy duty build, packaged for efficiency and mobility.



Specifications

Engine*	225 hp (166 kW) Diesel
Feed Opening**	1016mm (40") x 610mm (24")
Crusher Speed	300 rpm
Grizzly Feeder	950mm (37.4") x 3840mm (12'-7")
Hopper Volume	5.4m ³ (7.4 yd ³)
Stockpile Height Main Conveyor	3458mm (11'-4.2")
Stockpile Height Side Conveyor	2500mm (8'-2")

*Tier 4. Tier 3 available for LRC only. **Peak to trough.

Features

- .. User friendly control panel
- .. 900mm (36") main conveyor
- .. True 1016mm (40") x 610mm (24") jaw
- .. High capacity hydraulic folding hopper
- .. Hydraulic direct drive grizzly feeder
- .. Ideal 2.5m (8' -2.5") wide transport size
- .. Optional overband magnet
- .. 10 minute set up time



J45/45R Specifications

Engine*	350 hp (261 kW)
Feed Opening**	1140mm (45") x 688mm (27")
Crusher Speed	300 rpm
Grizzly Feeder	1064mm (41.9") x 4240mm (13'-11")
Hopper Volume	5.6m ³ (7.3yd ³)
Belt Width Main Conveyor	1050mm (42")
Stockpile Height Side Conveyor	2500mm (8'-2.3")

*Tier 4. Tier 3 available for LRC only. **Peak to trough.

Features

- .. User friendly control panel
- .. 1050mm (42") extended main conveyor
- .. True 1140mm (45") x 688mm (27") jaw
- .. High capacity folding hopper
- .. Open chassis for ease of maintenance
- .. Hydraulic folding stockpiling conveyor
- .. J45's recirculating conveyor allows production of a crushed and screened product with one machine
- .. Optional pre-screen

J45/J45R

HIGH PRODUCTION JAW CRUSHERS

The J45 and J45R high capacity jaw crushers feature a true 1140mm (45") x 688mm (27") jaw. With both level and load sensors the J45 ensures the most efficient material handling across applications. The J45 features a heavy duty bofar design and pan feeder chutes with steeper angles to reduce material sticking.

Both the J45 and J45R boast a high capacity hopper with close to 6 m³ (8 yd³) capacity. The main conveyor features easy access heavy duty skirting and are closer to the ground level for ease of access and maintenance.

The J45R offers the versatility of a recirculating system to produce a crushed and screened final product with one machine. Alternatively, J45R's return conveyor can be radialed to the side to stockpile rather than feeding back into the hopper.

Rugged and versatile, the J45 and J45R offer the field-tested reliability required for the toughest projects around the globe.

J50v2

HEAVY DUTY JAW CRUSHER

With a 1270mm (50") x 735mm (29") jaw (the widest jaw in its class), the J50v2 places McCloskey International at the forefront of portable crushing machinery. Maximum productivity is delivered through enhancements to the jaw box optimized for all crushing applications.

The J50v2's jaw speed and die angles lead to better reduction and material being processed faster through the crushing chamber.

McCloskey International has a proven reputation for designing quality, best-in-class equipment and the J50v2 Crusher brings even more power and productivity together in one machine.

The J50H (Heavy Duty) and the J50E (Electric) are the latest additions to the J-Series crusher range.

With its class-leading throughput and capacity and the largest stockpile height in its category the J50v2 crusher continues to push the boundaries of industry performance.



Specifications

Engine*	350 hp (261 kW) Diesel
Feed Opening**	1270mm (50") x 735mm (29")
Crusher Speed	280 rpm
Grizzly Feeder	1164mm (45.8") x 4450mm (175")
Hopper Volume	6.3m ³ (8.9yd ³)
Stockpile Height Main Conveyor	4250mm (13'-11")
Stockpile Height Side Conveyor	2580mm (8'-6")

*Tier 4. Tier 3 available for LRC only. **Peak to trough.

Features

- User friendly control panel
- 1200mm (48") main conveyor
- True 1270mm (50") x 735mm (29") jaw
- Hydraulic close side setting (CSS) adjust
- Folding high capacity hopper
- Optional pre-screen
- Engine hydraulic system provides reverse jaw motion

C2/C2R

HIGH PERFORMANCE CONE CRUSHERS



Specifications

Engine	350 hp (261 kW) or 360 hp (268 kW)
Feed Opening	914mm (38")
Feeder Belt Width	1050mm (42")
Hopper Volume	6.2m ³ (8.1yd ³)
Crusher Drive	Direct Drive
CSS Adjustment	Hydraulic
Transport Height	11' - 9.7" (3.6m)
Transport Length	60' - 9" (18.52m)
Transport Width	11' - 5" (3.49m)
Weight	114,640 lb (52,000kg) (est.)
Stockpile Height - Main Conveyor	4281mm (13' 10.8")
Main Conveyor Belt Width	1200mm (48")

Features

- 1200mm (48") main conveyor
- Reliable in the toughest operating conditions
- Hydraulic close side setting (CSS) adjust
- Flexible and adjustable feed rate via control panel, remote control or fully automatic regulation with feedback from the cone
- Standard Metal Detector
- Enhanced material flow
- Recirculating conveyor with radial stockpiling
- C2R can produce crushed & screened final product with one machine

The McCloskey C2 is the ideal portable secondary crushing solution for the operator requiring performance rates up to 250TPH. It is designed for optimum versatility in crushing spreads with easy conversion from the finest to the coarsest cavity, adjustable speed to produce a higher percentage of on-spec product, and fewer crushing stages to lower costs & save energy.

The C2R harnesses the versatility and optimization of the C2 with the additional benefit of a full screening & recirculating system, allowing operators to produce high quality crushed and screened final product with one machine.

Both the C2 & C2R have full-level features such as load and material level monitoring, full hydraulic push button Closed Side Setting (CSS) adjust and a full hydraulic relief system.

C3

HIGH PERFORMANCE CONE CRUSHER

Continuing with the McCloskey focus on quality components, durability and reliability, the C3 Cone Crusher adds to McCloskey's reputation for proven performance with its 300hp cone and a 440 HP - 510 HP power unit. Offering high material capacity and throughput, large stockpile capacity, and customer focused features, the C3 Cone Crusher puts McCloskey to the fore of mobile crushing plants and pushes the boundaries of industry performance.

The C3 provides a high degree of control over the final product, making it the ideal portable secondary crusher.



Specifications

Engine	440 hp (328 kW) or 510 hp (380 kW)
Feed Opening	1050mm (41")
Feeder Belt Width	1200mm (48")
Hopper Volume	6.2m ³ (8.1yd ³)
Crusher Drive	Direct Drive
CSS Adjustment	Hydraulic
Transport Height	11' - 9.7" (3.6m)
Transport Length	57' - 4" (17.5m)
Transport Width	10' - 4" (3.15m)
Weight	108,027 lb (49,000kg) (est.)
Stockpile Height - Main Conveyor	3887mm (12' - 9")
Main Conveyor Belt Width	1200mm (48")

Features

- Superior product shape and high reduction ratio
- Dynamic close side setting (CSS) adjust
- Heavy duty integrated hopper with folding rear door
- Large gap between crusher discharge and main conveyor feedboot
- Open chassis design for ease of maintenance
- User friendly, waterproof control panel

C4

HIGH PERFORMANCE CONE CRUSHER

Power and performance meet in the McCloskey C4 cone crusher with its 612 HP power unit and 400hp cone. Highly mobile, it offers high production and a large stockpile capacity. Rugged and durable, the C4 is designed to take on the most abrasive and toughest materials in aggregates, mining, and C&D recycling.

The C4 heavy duty cone crusher features an integrated hopper with rear folding door to allow for direct loading, direct drive for more power and lower fuel costs, and an open chassis for ease of maintenance.

Ready to take on the heaviest projects, the unrivalled reduction ratios of the C4 put this cone crusher at the fore of mobile crushing plants worldwide.



Specifications

Engine	612 hp (456 kW)
Feed Opening	1130mm (44.5")
Feeder Belt Width	1200mm (48")
Hopper Volume	6.2m ³ (8.1yd ³)
Crusher Drive	Direct Drive
CSS Adjustment	Hydraulic
Transport Height	11' - 9.7" (3.6m)
Transport Length	59' - 6" (18.13m)
Transport Width	12' (3.66m)
Weight	123,459 lb (56,000kg) (est.)
Stockpile Height - Main Conveyor	3702mm (12' - 1.7")
Main Conveyor Belt Width	1200mm (48")

Features

- Direct Drive Crusher
- Hydraulic closed side setting (CSS) adjust
- Adjustable feed rate via control panel, remote control or fully automatic regulation
- Integrated hopper with rear folding door
- Open chassis design for ease of maintenance
- Feeder rate can be regulated manually or automatically
- Fast setup time

I34/I34R

HIGH PRODUCTION COMPACT CRUSHERS

The I34 and I34R are the perfect solution for projects with small footprints but big requirements. These compact, mobile impact crushers are suited particularly to construction and demolition recycling, asphalt recycling, and aggregates.

The impactors deliver high performance and expanded versatility in a highly mobile lineup to customers around the world. Able to nimbly move around in tight spaces, the small footprint is uniquely suited to the recycling, demolition and smaller scale construction projects. Less than 2.5m wide, the crushers can be transported easily from site to site.

The I34 compact crusher boasts flexibility as well. Not only can the I34 continue crushing while moving, it can convert to a recirculating impactor in just a few hours.



Specifications

Engine*	252 hp (188kw)
Impactor	900mm (35.4") x 820mm (32.3")
Feed Opening	860mm (34") x 650mm (25.6")
Grizzly Feeder	2102mm (82.8") x 4230 mm (166.5")
Weight inc. magnet & dirt conveyor	I34 - 23,500 kg (51,807 lbs) I34R - 27,000 kg (59,525 lbs)
Main Conveyor Stockpile Height	3006mm (9' - 10")
Side Conveyor Stockpile Height	2583mm (8' - 6")

Features

- ** Able to track and crush simultaneously
- ** I34R swing out radial return conveyor
- ** 2000mm x 1100mm (6'-7" x 3'-7") double deck recirculation screen on I34R
- ** 4 full height blow bars with change hoist and various blow bar material options
- ** Apron adjustment to suit either Secondary or Primary crushing
- ** Grizzly punch plate / Grizzly blanking plate
- ** Refueling pump

*Tier 4. Tier 3 available for LRC only. **Peak to trough..



I44v3/ I44Rv3

HIGH PERFORMANCE IMPACT CRUSHERS

The McCloskey I44v3 and I44Rv3 Impactors are the perfect showcase of a portable contractor crushing system. The 4 blow bar, 1110mm (44") wide impact chamber is compact enough to allow for a high degree of portability while providing the high levels of production required to complete the project rapidly. The I44v3 offers the option to discharge to a vibratory underpan, or direct to the main conveyor.

The McCloskey I44Rv3 recirculating impactor combines the productivity of our I44v3 impactor with the versatility of a full screening and recirculating system, allowing operators to produce a crushed and screened final product with one machine. Alternatively, the I44Rv3's return conveyor can be radialed to the side to stockpile rather than feeding back into the hopper.

The I44v3's versatility makes it ideal for a variety of applications worldwide, including asphalt recycling, concrete recycling, rock crushing, construction and demolition.

Specifications

Engine*	360 hp (268 kW) Diesel
Feed Opening	1149mm (45.2") x 708mm (27.9")
Double Deck Grizzly Pre-Screen	1064mm (41.9") x 2015mm (6' - 7.3")
Feed Size	600mm x 500mm x 500mm lump (24" x 20" x 20")
Hopper Volume	6.0m ³ (7.8yd ³)
Main Conveyor Width	1200mm (48")
Main Conveyor Stockpile Height	4142mm (13' 7.1")

Features

- ** User friendly control panel
- ** 4 blow bar, 1110mm (44") wide impact chamber
- ** High capacity folding hopper
- ** Feeder rate can be regulated manually or automatically
- ** High energy screenbox
- ** Quick release pin and wedge system for faster screen change

*Tier 4. Tier 3 available for LRC only.

I54v3/ I54Rv3

HIGH PRODUCTION IMPACT CRUSHERS

A leader in the sub-50 tonne class, the McCloskey I54v3 Impactor brings high quality and high production capacity to mobile impactor applications.

The I54v3 is built around a 1200mm (48") x 1350mm (53") four bar impactor with a 360mm (53.5") x 950mm (37") feed opening. An independently vibrating double-deck grizzly pre-screen removes the majority of the fines in advance of the crushing chamber, increasing capacity and reducing wear.

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 I54v3 is versatile and easily transported. It has a minimal setup time, maximizing on-site production time.



Specifications

Engine*	510 hp (380kW)
Impactor	1200mm (48") x 1350mm (53")
Feed Opening	1360mm (53.5") x 950mm (37")
Crusher Speed	530-700rpm (34-44m/sec rotor tip speed)
Pre-Screen Dimensions	1204mm (47.4") x 2360mm (7'-8.8")
Hopper Volume	6.8m ³ (8.9 yd ³)
Stockpile Height Main Conveyor	3743mm (12'-3")*

*Tier 4. Tier 3 available for LRC only.

Features

- User friendly control panel
- 1400mm (55") main conveyor
- 1200mm (48") x 1350mm (53") four bar impactor with a 1164mm (46") x 2695mm (106") pan feeder
- Feeder rate can be manually or automatically regulated by the load sensing jaw
- Crusher pre-screen for maximum efficiency
- Folding hopper



V80

HIGH EFFICIENCY VSI CRUSHER

The McCloskey V80 has been designed to be one of the most efficient vertical shaft impactors (VSI) on the market and excels at producing high specification sealing aggregates, a high proportion of fines required for main roads/road-base, or manufactured sand. This heavy duty track-mounted Vertical Shaft Impactor has been designed with a host of user friendly features and several rotor/rockbox/anvil options are available.

Built to the industry leading standard of all McCloskey equipment, the V80 uses high-quality branded components and a Cemco Turbo T-80 VSI crusher.

Specifications

Engine*	440 hp (328 kW)
Crusher	Cemco Turbo T-80 VSI
Crusher Speed	800 - 1800 rpm
Feeder Opening Width	800mm (31.5")
Feeder Belt Width	1050mm (42")
Hopper Volume	5m ³ (6.5yd ³)
Main Conveyor Stockpile Height	3250mm (10'-8")

*Tier 4. Tier 3 available for LRC only.

Features

- Adjustable feed hopper
- Metal detector automatically stops feeder upon detection
- Lower costs and simple maintenance
- Rotor, rockbox and anvil options available
- Folding hopper
- Cemco Turbo T-80 VSI crusher