

# **McCloskey**

INTERNATIONAL



**CRUSHING | SCREENING | STACKING | WASHING | SOLUTIONS**



## COMPANY PROFILE

### Field Tested. Worldwide.

Today McCloskey International leads the screening, crushing and washing system industry with a complete line of equipment including: crushers, screeners, trommels and stacking conveyors. Our line is used in a wide range of industries which include aggregates, landscaping, infrastructure and road building, construction and demolition, mining, waste management and recycling.

Since 1985 McCloskey International has established a worldwide reputation for high performance products that have introduced many of today's key screening and crushing innovations.

Our Head Office and manufacturing facility in Ontario, Canada is an advanced and highly capable 410,000 square foot production plant, while our five facilities in Ireland house an industry leading engineering office, warehouse and distribution center, and production. The recently opened 120,000 sq. ft. Manufacturing Centre of Excellence in Granville houses the Washing Systems Division, as well as crushing and screening product lines.

The assets of these facilities make us the largest independent manufacturer of portable screening and crushing equipment in the world, under the hands-on leadership of the company's founder and president, Paschal McCloskey.

## WORLDWIDE DEALER NETWORK

McCloskey International offers customers the full range of Crushing, Screening, Stacking and Washing equipment through our worldwide dealer network.

To find your local dealer, visit our website:

[www.mccloskeyinternational.com](http://www.mccloskeyinternational.com)



**Paschal McCloskey**  
CEO & President of McCloskey International

## PRESIDENT'S MESSAGE

At McCloskey International we are proud of the equipment we provide and the effort we devote to delivering the best machines on the market today.

This effort is most visible in our crushing line. Seven years of listening to users, researching our markets, designing our machines field testing and continuous improvement have produced a product range line that is considered "best in class".

I am proud of the work my team has accomplished and I invite you to contact a local dealer to see for yourself the machines that I am willing to put my name on.

From our complete line of crushers, vibrating screens, trommels stacking conveyors and washing systems; I am sure you will find the right piece of equipment to meet your needs.

Since 1985 I have worked to deliver machines that are strong, reliable and user friendly. These same traits are evident in our dealer and support network which now spans the globe. You will never be far away from our McCloskey support network.



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# CRUSHING

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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.





# J40

## HIGHLY PORTABLE JAW CRUSHER

The J40 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 J40 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 J40 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 <sup>3</sup> (7.4 yd <sup>3</sup> )
Stockpile Height Main Conveyor	3.458m (11'-4.2")
Stockpile Height Side Conveyor	2.5m (8'-2")

### Features

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



# J45/J45R

## HIGH PRODUCTION JAW CRUSHER

The J45 and J45R high capacity jaw crushers feature a true 45" x 27" jaw. With both level and load sensors the J45s ensure 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 8 cubic yards (6 m<sup>3</sup>) 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.



### J45/45R Specifications

Engine	350 Hp (261 kW) Diesel
Feed Opening	1140mm (45") x 688mm (27") (peak to trough)
Crusher Speed	290 rpm
Grizzly Feeder	1064mm (41.9") x 4240mm (13'-11")
Hopper Volume	5.6m <sup>3</sup> (7.3yd <sup>3</sup> )
Belt Width Main Conveyor	1050mm (42")
Stockpile Height Side Conveyor	2.50m (8'-2.3")

### Features

- User friendly control panel
- 42" extended main conveyor
- True 45' x 27" jaw
- High capacity folding Hardox® 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 Prescreen



# J50

## HEAVY DUTY JAW CRUSHER

With a 1270mm (50") x 735mm (29") jaw (the widest jaw in its class), the J50 places McCloskey International at the forefront of portable crushing machinery. Maximum productivity is delivered through the enhancements to the jaw box optimized for all crushing applications.

The J50'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 J50 Crusher brings even more power and productivity together in one machine.

With its class-leading throughput and capacity and the largest stockpile height in its category the J50 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 <sup>3</sup> (8.2yd <sup>3</sup> )
Stockpile Height Main Conveyor	4.25m (13'-11")
Stockpile Height Side Conveyor	2.58m (8'-6")

### Features

- User friendly control panel
- 48" main conveyor
- True 50" x 29" jaw
- Hydraulic close side setting (CSS) adjust
- Folding Hardox® hopper
- Optional prescreen
- Engine hydraulic system provides reverse jaw motion



# C38/C38R

## HIGH PERFORMANCE CONE CRUSHER

The McCloskey C38 and C38R Cone Crushers are the ideal portable secondary crushing solution for the operator requiring performance rates up to 300TPH. They are designed for optimum functionality in crushing spreads with machines such as the J40 Jaw Crusher and S130 Screening Plant to produce cubical chip from 3/8" to 2" in size.

The C38 and C38R distinguish themselves as entry-level cone crushers with full-level features like an antispin system, load and material level monitoring, fully hydraulic push button Closed Side Setting (CSS) adjust and full hydraulic relief system. The C38R offers a full screening and recirculating system, allowing operators to produce a high quality crushed and screened final product with one machine.



### Specifications

Engine	350 Hp (261 kW) Diesel
Cone	Telsmith 38SBS
Feed Opening	914mm (36")
Closed Side Setting Adjustment	Hydraulic
Feeder Opening Width	765mm (30")
Stockpile Height Main Conveyor C38	3230mm (10'-7")
Stockpile Height Fines Conveyor C38R	2965mm (9'-9")

### Features

- 42" main conveyor
- Reliable in the toughest operating conditions
- Hydraulic close side setting (CSS) adjust
- Heavy duty Hardox® lined hopper
- 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





# C44

## HIGH PERFORMANCE CONE CRUSHER

Continuing with McCloskey's focus on quality components, durability and reliability, the C44 Cone Crusher adds to McCloskey's reputation for proven performance with its 44" cone and a 440 hp power unit. Offering high material capacity and throughput, large stockpile capacity, and customer focused features, the C44 Cone Crusher puts McCloskey to the fore of mobile crushing plants and pushes the boundaries of industry performance.

The C44 provides a high degree of control over the final product, making it the ideal portable secondary crusher.

### Specifications

Engine	440 Hp (328 kW) - 510 Hp (380 kW)
Cone	Telsmith 44SBS
Feed Opening	914mm (36")
Closed Side Setting Adjustment	Hydraulic
Feeder Opening Width	765mm (30")
Hopper	5680mm (18'-8") x 2460mm (8')
Stockpile Height Main Conveyor	3250 mm (10'-8")

### Features

- Standard metal detector
- Dynamic close side setting (CSS) adjust
- Heavy duty folding Hardox® lined hopper
- 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

# C52

## HIGH CAPACITY CONE CRUSHERS

Power and performance meet in the C52 cone crusher with its 612 HP power unit and 52" cone. Highly mobile, it offers high production and a large stockpile capacity. Rugged and durable, the C52 is designed to take on the most abrasive and toughest materials in aggregates, mining, and C&D recycling.

The C52 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 C52 cone crusher put McCloskey at the fore of mobile crushing plants worldwide.

NEW PRODUCT



### Specifications

Feed Opening	44" (1110mm)
Feeder Opening	36" (910mm)
Hopper Volume	8.1yd <sup>3</sup> (6.2m <sup>3</sup> )
Main conveyor width	48" (1200mm)
Main conveyor Stockpile Height	13'-7.5" (4150mm)
Engine	612HP (456 Kw)

### Features

- Telsmith SBS52 Cone
- 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
- Optional pre-screen





# I44/I44R

## HIGH PERFORMANCE IMPACT CRUSHERS

The McCloskey I44 and I44R Impactors are the perfect showcase of a portable contractor crushing system. The 4 blow bar, 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 I44 offers the option to discharge to a vibratory underpan, or direct to the main conveyor.

The McCloskey I44R recirculating impactor combines the productivity of our 44" 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 I44R's return conveyor can be radialed to the side to stockpile rather than feeding back into the hopper.

The I44's versatility makes it ideal for a variety of applications worldwide, including asphalt recycling, concrete recycling, rock crushing, construction and demolition.

### Specifications

Engine	350 hp (260 kw) Diesel
Transport Height	11' 2" (3.4m)
Transport Length	50' 4" (15.4m)
Transport Width	9' 6" (2.9m) – 10' 3" (3.14m)
Weight inc. magnet & hopper ext.	107,000 lbs (48,535 kg)
Stockpile Height	Main conveyor: 12' 11" (3940mm) Fines conveyor : 9' 9" (2973mm) Side conveyor : 8' 1.6" (2480mm)

### Features

- User friendly control panel
- 4" blow bar, 44" wide impact chamber
- High capacity folding Hardox® hopper
- Feeder rate can be regulated manually or automatically
- 5' x 10' high energy screenbox
- Quick release pin and wedge system for faster screen change

# I54/I54R

## HIGH PRODUCTION IMPACT CRUSHERS

A leader in the sub-50 tonne class, the McCloskey I54 Impactor brings high quality and high production capacity to mobile impactor applications.

The I54 is built around a 47" x 53" four bar impactor with a 37" x 53.5" 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 I54R 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 elbowbar material options, the I54 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	520-610 rpm (34-44 m/sec rotor speed)
Prescreen Dimensions	1204mm (47.4") x 2360mm (7'-8.8")
Hopper Volume	6.8m <sup>3</sup> (8.9 yd <sup>3</sup> )
Stockpile Height Main Conveyor	3743mm (12'-3")*

### Features

- User friendly control panel
- 55" (1400mm) main conveyor
- 48" x 53" four bar impactor with a 46" x 106" pan feeder
- Hydraulic close side setting adjust
- Folding Hardox® hopper
- Feeder rate can be manually or automatically regulated by the load sensing jaw
- Crusher pre-screen for maximum efficiency
- Optional Prescreen

\*without recirc





# 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 <sup>3</sup> (6.5yd <sup>3</sup> )
Main Conveyor Stockpile Height	3250mm (10'-8")

### Features

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

# I34/I34R

## HIGH PRODUCTION COMPACT CRUSHER

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

The new 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	J35- 52,029 lbs (23,600 kg) J35R - 60,627 lbs (27, 500 kg)
Main Conveyor Stockpile Height	9' - 10" (3006mm)
Side Conveyor Stockpile Height	8' - 6" (2583mm)

### Features

- Able to track and crush
- I34R swing out radial return conveyor
- 2000mm x 1100mm (6'-7" x 3'-7") double deck recirculation screen on I34R
- 4 full height blowbars 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



# J35/J35R

## HIGH PRODUCTION COMPACT CRUSHER

The J35 compact impact 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 the 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.



### 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	I34 - 51,807 lbs (23,500 kg) I34R - 59,525 lbs (27,000 kg)
Main Conveyor Stockpile Height	9' - 10" (3006mm)
Side Conveyor Stockpile Height	8' - 6" (2583mm)

### Features

- 35" x 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

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# SCREENING

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McCloskey International mobile screeners are high capacity, heavy duty, versatile machines built based on the industry leading "High Energy" screenbox. With the largest screening areas in their class, McCloskey International's S-Series and R-Series screeners are designed to give customers high output and durability in the most demanding conditions, and deliver high production across industries.







# S80

## HIGHLY PORTABLE SCREENER

The S80 is designed for users who require less capacity than the S130 and S190 models offer, but are not willing to sacrifice the quality features found on the McCloskey S-Range. These features include a High Energy Screenbox, large hopper and large engine bay.

The S80 can employ the steepest screen angle of any three-way-split screening plant currently available, ensuring best-in-class screening ability in materials like sand and peastone.

Users with smaller floats or in areas with strict transport regulations will benefit from the smaller transport dimensions.

### Specifications

Engine	130 hp (98kw)
Screenbox Top Deck	3050mm (10') x 1370mm (4.5')
Screenbox Bottom Deck	2440mm (8') x 1370mm (4.5')
Main Conveyor Belt Width	900mm (36")
Stockpile Height Tail Conveyor	3790mm (12' - 5") - Track Model 4100mm (12' - 6") - Wheel Model
Stockpile Height Side Conveyor	4110mm(13' - 6") -Track Model 4420mm(14' - 6") -Wheel Model

### Features

- 4.5' x 10' Screenbox
- Open engine bay for easy maintenance
- 36" main conveyor
- Steepest screen angle of any 3-way split screening plant on the market
- Condensed transport dimensions
- Large, steep-sided hopper for maximum efficiency

# S130

## HIGH ENERGY SCREENER

The McCloskey S130 High Energy Screener is used across a wide range of applications, including aggregate, coal, crusher circuits and wood chips. The S130 is renowned for its fine sand screening and is impressing customers worldwide with its production capacities.

With the S130, you get class-leading S-Range features like the aggressive High Energy Screenbox and user-friendly operation. The S130's unique size is designed to meet demands of operators who require significantly more screening capacity than a 10' or 11' screenbox, but may not require the higher capacity of a 20' plant. The S130 is also available as a Triple Deck and boasts an array of features and benefits which elevate the models above all the competitors in its class. The S130 Triple Deck has comparable production capacity to its competitors' larger models at a far more cost effective price.



### Specifications - Double Deck

Engine	130 hp (98kw)
Screenbox Top Deck	4270mm (14') x 1524mm (5')
Screenbox Bottom Deck	3660mm (12') x 1524mm (5')
Main Conveyor Belt Width	1050mm (42")
Stockpile Height Tail Conveyor	3871mm (12' - 8") - Track Model 4139mm (13' - 7") - Wheel Model
Stockpile Height Side Conveyor	4600mm (15' - 1") - Track Model 4870mm (15' - 11") - Wheel Model

### Features

- Wedge system for faster screen changes
- 48" main conveyor
- 15' hopper for larger loading shovels
- 14' x 5' screenbox
- Linkage system for optimal screen coverage
- Used for a multitude of applications
- Optional dual power





# S190

## HIGH PRODUCTION SCREENER

Pushing industry performance standards and leading the competition with the most advanced and innovative 20' x 5' portable vibratory screening plant in production today, the S190 High Energy Screener clearly demonstrates McCloskey's focus on making customer focused features standard.

Features such as the adjustable screenbox angles allow adaptability to a wide range of material applications including quarrying, mining, sand and gravel, coal screening, topsoil, and woodchip. With the highest grade specifications and component parts, the S190 is easily the number one choice for high productivity, quality and value. The S190 is also offered as a Triple Deck and has the highest combined true screening area across three decks.

This class leading screening area, along with its high energy screening action, ensure that the McCloskey Triple Deck models are the superior choice in aggregate material screening.

### Specifications - Triple Deck

Engine	130 hp (98kw) Diesel
Screenbox Top Deck	6100mm (20') x 1524mm (5')
Screenbox Middle Deck	6100mm (20') x 1524mm (5')
Screenbox Bottom Deck	5490mm (18') x 1524mm (5')
Stockpile Height Tail Conveyor	4683mm (15' - 3") - Track Model 4905mm (16' - 1") - Wheel Model
Stockpile Height Side Conveyor	5100mm (16' - 9") - Track Model 5370mm (17' - 7") - Wheel Model

### Features

- Track or wheeled options
- Most advanced 20' x 5' plant in production
- 12' or 15' hopper
- 48" feed conveyor
- Remote control tipping grid
- Hydraulic folding stockpile conveyors
- Optional dual power
- 10 minute set up time

# R70

## HIGH POWER DURABLE SCREENER

The McCloskey R70 delivers the versatile, heavy-duty configuration that is expected of the R-Series screeners, but can be transported easily and economically. The R70 is a perfect fit for contractors that require the ability to tackle large numbers of smaller heavy-duty construction, demolition, and remediation projects.

With a 130 Hp engine, the R70 packs a powerful punch for its size with its uncomplicated design focused on high production.

The R70 is built with the durability and screening performance that McCloskey International has built its reputation on, using high-quality components and the innovative McCloskey High Energy Screenbox.



### Specifications

Engine	130 hp (98 kW)
Screenbox Top Deck	2.8m (9') x 1.220m (4')
Screenbox Bottom Deck	2.592m (8.5') x 1.220 (4')
Feed Conveyor Belt Width	1200mm (48")
Stockpile Height Tail Conveyor	3.38m (11' - 1")
Stockpile Height Fine Product Side Conveyor	3.56m (11' - 8")
Stockpile Height Mid Product Side Conveyor	3.56m (11' - 8")

### Features

- Oversized product conveyor
- Condensed transport size
- 10 minute set up time
- Direct feed Hardox® hopper
- Hydraulic folding stockpiling conveyor
- Standing room inside power pack





# R105

## HIGH ENERGY DURABLE SCREENER

The McCloskey R105 screener provides the best solution for operators who don't require the capacity of the larger screener models.

Built around McCloskey International's highly productive High Energy Screenbox, the R105 has all the class leading features of the R-Range, such as high quality components, durability and reliability. Offering the highest stockpile and largest screening area in its class while meeting the European transport regulation width, the R105 represents the most cost effective productivity and quality on the market in a versatile and mobile package.

### Specifications

Engine	130 Hp (98 kW) Diesel
Screenbox Top Deck	3.66m (12') x 1.370m (4' - 6")
Screenbox Bottom Deck	3.455m (11.4') x 1.370m (4' - 6")
Feed Conveyor Belt Width	1200mm (48")
Stockpile Height Tail Conveyor	3.45m (11' - 4")
Stockpile Height Fine Product Side Conveyor	3.6m (11' - 10")
Stockpile Height Mid Product Side Conveyor	3.63m (11' - 11")

### Features

- Heavy duty high energy 2 bearing screenbox
- Screen raises for easy access to bottom deck
- Integrated hydraulic folding stockpiling conveyor
- Direct feed Hardox® hopper
- Large open engine bay
- Travel out fixed walkways
- Optimal 10 minute set up

# R155

## HIGH ENERGY DURABLE SCREENER

The McCloskey R155 High Energy Screener is a tough, robust screening tool designed to cope with the heaviest of applications. With the ability to handle some of the worst, untreated construction and demolition waste, the R155 can minimize material pre-handling and provide clean end products.

The R155 and R230 are available with an oversized hopper and an extended tail conveyor. Designed for use with large loaders, the 15 ft target is 25% larger, allowing for more material and no spillage. The lower hopper eliminates the need for building platforms on site.

The R155 is highly versatile. With a screening area of 155 ft<sup>2</sup> across the High Energy Screenbox – the largest in its class – the R155 has impressed operators across applications like site reclamation, construction and demolition waste, working with difficult materials such as heavy rock, sticky clay and fines, and boulder clay.



### Specifications

Engine	130 Hp (98 kW)
Screenbox Top Deck	4.880m (16') x 1.525 (5')
Screenbox Bottom Deck	4.575m (15') x 1.525m (5')
Feed Conveyor Belt Width	1400mm (55")
Stockpile Height Tail Conveyor	2.77m (9' - 1") - 3.75m (12' - 3")
Stockpile Height Fine Product Side Conveyor	3.47m (11' - 5") - 3.96m (13')
Stockpile Height Mid Product Side Conveyor	2.51m (8' - 3" ) - 3.60m (11' - 10")

### Features

- 16' x 5' high energy 2 bearing screenbox
- Large open engine bay
- Oversized product conveyor
- 10 minute set up
- Direct feed Hardox® hopper
- Track mobile
- Screen raises for easy access to bottom deck
- Optional Dual power





# R230

## HIGH ENERGY DURABLE SCREENER

The McCloskey R230 High Energy Screener is one of the most robust, durable and powerful heavy-duty mobile screeners at work around the world today. Designed to provide uncompromising production levels to heavy duty scalping operations, the R230 is capable of operating as a stand-alone plant producing finished product, or as a primary scalping component to the very largest of portable crushing spreads.

The R155 and R230 are available with an oversized hopper and an extended tail conveyor. Designed for use with large loaders, the 15 ft target is 25% larger, allowing for more material and no spillage. The lower hopper eliminates the need for building platforms on site.

McCloskey International's powerful High Energy Screener delivers higher outputs and a high-quality screened product with maximum efficiency. The R230 is unequalled in its productivity and versatility.

### Specifications

Engine	225 hp (168kw)
Screenbox Top Deck	6.1m (20') x 1.83m (6')
Screenbox Bottom Deck	5.49m (18') x 1.83m (6')
Feed Conveyor Belt Width	1500m (60")
Stockpile Height Tail Conveyor	3.83m (12' - 6")
Stockpile Height Fine Product Side Conveyor	4.10m (13' - 5.3")
Stockpile Height Mid Product Side Conveyor	3.66m (12')

### Features

- Large loading area
- Wide feed opening
- Adjustable flow speed
- 20' x 6' 2 bearing screenbox
- Direct feed Hardox® lined hopper
- Highest product capacity in its class
- 10 minute set up time
- Low Profile Direct Load Model available

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# TROMMEL SCREENING

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Since its inception, McCloskey International has been a pioneer in Trommel screener design and innovation including developing a patent for the remote control 180° Radial Stockpiling Conveyor. As the number one Trommel manufacturer in North America, McCloskey International has proven performance for screening, material throughput, quality components, and customer focused features.







# 512

## HIGHLY PORTABLE TROMMEL

The 512 Trommel provides McCloskey International's customers with the functionality of our highly successful screener line-up with an extended fines conveyor on the 512 or tracks with radial conveyor on the 512R. The 512 trommels are best suited for mid-size operations requiring portability and proven screening performance.

As the top selling mid-size portable trommel in North America, the 512 offers a combination of high production rates, versatility, ease of use and unrivalled strength that has ensured this screener's popularity with top soil producers, contractors, and landscape supply operators.

### 512A- 512AP Specifications 5th Wheel/Pintle Wheeled

Engine	100 hp (74 kw) Diesel
Drum Size	1.52m (5') x 3.66m (12')
Screening Area	11.8 m <sup>2</sup> (127 ft <sup>2</sup> )
Hopper Capacity	3.4 m <sup>3</sup> (4.5 yd <sup>3</sup> )
Fine Conveyor Belt Width	1200mm (48")

### 512R-512RT Specifications Radial/Tracked Radial

Engine	100 hp (74 kw) Diesel
Drum Size	1.52m (5') x 3.66m (12')
Screening Area	11.8m <sup>2</sup> (127ft <sup>2</sup> )
Hopper Capacity	5.25m <sup>3</sup> (7 yd <sup>3</sup> )
Fine Conveyor Belt Width	900mm (36")
Radial Stockpile Height	3.92m (12' - 10½")
Radial Conveyor Belt Width	800mm (32")

### Features

- Wheeled or Tracked mobility
- Lifting bars for aggressive screening
- Remote control radial conveyor
- Large Hopper capacity
- Hydraulic Tipping guard option available
- Ground level adjustable brushes to keep the screen clean
- Fast set up

# 516

## HIGH PERFORMANCE TROMMEL

As the top selling mid-size portable trommels in North America, the 516's offer a combination of high production rates, versatility, ease of use and unrivalled strength. This has ensured their popularity with top soil producers, contractors, recycling contractors, and landscape supply operators.

With a quick setup time and high on-site track mobility, the 516's represent high quality and value from the McCloskey trommel range and continue to add to McCloskey's reputation for being the world leader in trommel innovation and design.



### 516 RE Specifications Wheeled Radial

Engine	100 hp (74 kw) Diesel
Drum Size	1.52 m (5') x 4.88 m (16')
Screening Area	17.7 m <sup>2</sup> (190 ft <sup>2</sup> )
Hopper Capacity	3.44 m <sup>3</sup> (4.5 yd <sup>3</sup> )
Fines Conveyor Belt Width	1200mm (48")
Radial Stockpile Height	4.61m (15' - 1 1/2")
Radial Conveyor Belt Width	750mm (30")

### 516 RT Specifications Tracked Radial

Engine	100 hp (74 kw) Diesel
Drum Size	1.52 m (5') x 4.88 m (16')
Screening Area	17.7m <sup>2</sup> (190ft <sup>2</sup> )
Hopper Capacity	5.25 m <sup>3</sup> (7 yd <sup>3</sup> )
Fines Conveyor Belt Width	1200mm (48")
Radial Stockpile Height	3.94m (12'- 11")
Radial Conveyor Belt Width	800mm (32")

### Features

- Ground level brushes to keep screen clean
- Radial controlled conveyor
- Large engine bay
- Hopper capacity of up to 7.0 yd<sup>3</sup> (516RT)
- 10 minute set up time
- 5' X 16' heavy duty trommel drum
- Hydraulic Tipping Grid Option





# 621

## HIGH PERFORMANCE TROMMELS

With over thirty years of experience, McCloskey International is the world's leading trommel manufacturer and has pioneered trommel design and innovation. Over this time, the 621 Trommel has a proven reliability in construction and demolition, topsoil, compost, waste recycling, and many other large screening applications. With a 174 Hp engine, accessible engine bay, and high efficiency diesel hydraulic system the 621 is sure to deliver the maximum operating time.

The 621 Trommel Screener is suited for large heavy duty applications where production rates can reach 200+ TPH in topsoil and sticky material or 300+ TPH in sand and gravel.

### Specifications 621 RE Wheeled Radial

Engine	174 Hp (130 kW)
Drum Size	1.83m (6') x 6.4m (21')
Screening Area	27.5 m <sup>2</sup> (296 ft <sup>2</sup> )
Hopper Capacity	5 m <sup>3</sup> (6.5 yd <sup>3</sup> )
Fines Conveyor Belt Width	1050mm (42")
Radial Stockpile Height	5.11m (16' - 9")
Radial Conveyor Belt Width	1050mm (42")

### Features

- Remote control radial conveyor
- 6' x 21' heavy duty trommel drum
- Ground level brushes to keep the screen clean
- Drum drive with maximum torque traction and life
- Grizzly option available
- Hydraulic folding oversize conveyor
- 6.5 yd<sup>3</sup> hopper capacity
- Wheel mobile or track bogie system



# 628

## HIGH PERFORMANCE TROMMELS

The McCloskey 628 Trommel Screener is suited for large heavy-duty applications where production rates can reach 200+ TPH in topsoil and sticky material or 300+ TPH in sand and gravel.

With a 6' diameter screen, the 628 Trommel generates a powerful screening action while the 28' long drum ensures the highest quality end product.

McCloskey International is the world's leading trommel manufacturer in pioneering trommel design and innovation. All McCloskey trommels undergo extensive field testing and are continuously improved through customer feedback.

### Specifications 628 RE Wheeled Radial

Engine	174 Hp (130 kW)
Drum Size	1.83m (6') x 8.53m (28')
Screening Area	34.5 m <sup>2</sup> (370 ft <sup>2</sup> )
Hopper Capacity	5 m <sup>3</sup> (6.5 yd <sup>3</sup> )
Fine Conveyor Belt Width	1050mm (42")
Radial Stockpile Height	5.13m (16' – 10")
Radial Conveyor Belt Width	1050mm (42")

### Features

- Roomy engine bay for ease of access
- Easy transport site-to-site
- 42" radial conveyor
- 6' x 28' trommel screen
- Ground level brushes to keep screen clean
- Wheel mobile or track bogie system
- 10 minute set up time





# 733

## HIGH PERFORMANCE TROMMELS

The McCloskey 733 trommel screeners are high production machines with a 160° radial fines conveyor and an oversize end conveyor for extensive stockpiling capabilities. The 733 boasts a 225HP engine powering one of the world's highest capacity mobile trommels.

With a 33ft long drum – allowing the material longer time on the screening surface – and a range of drum options, the 733 offers an unrivalled high quality product in a variety of industries including construction and demolition, topsoil, compost, waste recycling, and many other large screening applications.

### Specifications

Engine	225 Hp (168 kW)
Drum Size	2.13m (7') x 10.06m (33')
Screening Area	47 m <sup>2</sup> (510 ft <sup>2</sup> )
Hopper Capacity	6.9 m <sup>3</sup> (9 yd <sup>3</sup> )
Fines Conveyor Belt Width	1.37m (54")
Radial Conveyor Stockpile Height	5.09m (16'-8")
Radial Conveyor Belt Width	1.20m (48")

### Features

- Ground level engine bay
- Easy transportation
- 48" wide radial conveyor
- 7' x 33' trommel screen
- Ground level brushes to keep screen clean
- Wheeled mobility
- 10 minute set up time

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# FEEDING & STACKING

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McCloskey's stacking conveyors and feeders provide material stockpiling solutions that maximize the efficiency of mobile screening and crushing plants. Tracked or wheeled, McCloskey conveyors deliver high stockpile capacity and less downtime across every application.







# ST80T / ST100T

## TRACKED STACKERS

McCloskey tracked stackers are all about efficiency. From their speedy setup time to a high degree of mobility, downtime is minimized while throughput and stockpile capacity are maximized.

Hydraulic main lift and top fold are standard, as is the diesel power unit. Electric and dual power are also available to get the job done, no matter what application. The 22.5 degree maximum conveyor angle allows for the highest stockpiles per conveyor length in the industry.

With base production capacity of 500 TPH with optional upgrades to 800 TPH, the McCloskey Tracked Stacker's stand up well above the competition.

### Specifications 80' Tracked Stacker

Belt Length	80' (24.38m)
Belt Width	36" (900mm)
Stockpile Height	31' 1" (9.47m)
Stockpile Capacity	2035 yds <sup>3</sup> (1556 m <sup>3</sup> )
Production	500-800 TPH
Engine	49 Hp (36.5 kW)

### Specifications ST100T 100' Tracked Stacker

Belt Length	100' (30.48m)
Belt Width	36" (900mm)
Stockpile Height	41'-3" (12.5m)
Stockpile Capacity	5030 yds <sup>3</sup> (3850 m <sup>3</sup> )
Production	500-800 TPH
Engine	90 Hp (67 kW)

### Features

- Radio remote track control options
- Hydraulic top fold
- Heavy duty belt
- Optional dual power
- Full safety guarding for pinch points
- Optional hopper extensions and wing plates

# ST80/ ST100

## WHEELED STACKERS

The McCloskey ST80 and ST100 have been designed for high capacity stockpiling operations. All units come standard with diesel power units, hydraulic main lift and hydraulic top fold. Electric and dual power are both available as options based on the best application for the customer's business.

The ST Stacker Line has a setback axle and 22.5 degree max conveyor angle allowing for the highest stockpiles per conveyor length in the industry.

With base production capacity of 500 TPH with optional upgrades to 800 TPH, the McCloskey ST Stackers stand up well above the competition.

### Features

- Radial axle
- Hydraulic top fold
- Road towable
- Optional hydraulic axle jacks and extensions
- Optional powered wheel drive or landing gear



### Specifications 80' Wheeled Stacker

Engine	49 Hp (36.5 kW)
Belt Length	80' (24.38m)
Belt Width	36" (900mm)
Stockpile Height	31' 1" (9.47m)
Stockpile Capacity	2035 yd <sup>3</sup> (1556 m <sup>3</sup> )
Production	500-800 US TPH

### Specifications 100' Wheeled Stacker

Engine	90 Hp (67 kW)
Belt Length	100' (30.48m)
Belt Width	36" (900mm)
Stockpile Height	41'-3" (12.57m)
Stockpile Capacity	4707 yd <sup>3</sup> (3599 m <sup>3</sup> )
Production	500-800 US TPH





# ST V-BIN

## HIGH CAPACITY DIRECT LOAD STACKERS

The McCloskey V Bin Stacking Conveyor is the result of continuous development of the original direct load stacker invented by Paschal McCloskey over 30 years ago.

The 'V-Bin' section itself is fully hydraulically folding and boasts a standard capacity of over 7 cubic yards. In order to deal with shock loads of 10 tons and more the Direct Load Stacker uses a heavy duty build, and includes tightly spaced impact rollers, heavy duty 3 ply belting and reinforced frame.

With the direct-loading V-bin installed, McCloskey stackers are compatible with traditional conveyor equipment. The bin also can be rotated to suit any angle of approach for the loader equipment.

### Specifications ST80V/ST80TV Wheeled/Tracked VBIN Stackers

Belt Length	24.38m (80')
Hopper Capacity	5.75 m <sup>3</sup> (7.5 yd <sup>3</sup> )
Engine	67kw (90hp)
Stockpile Height	9.47m (31'-1")
Stockpile Capacity	1556 m <sup>3</sup> (2035 yd <sup>3</sup> )
Radial Capacity at 90 deg	5739 m <sup>3</sup> (7500 yd <sup>3</sup> )
Production	800 tph (725 mtph)

### Specifications ST100V/ST100TV Wheeled/Tracked VBIN Stackers

Belt Length	30.48m (100')
Hopper Capacity	5.75 m <sup>3</sup> (7.5 yd <sup>3</sup> )
Engine	67kw (90hp)
Stockpile Height	13.04m (42'-9")
Stockpile Capacity	4080 m <sup>3</sup> (5330 yd <sup>3</sup> )
Radial Capacity at 90 deg	13,800 m <sup>3</sup> (18,000 yd <sup>3</sup> )
Production	800 tph (725 mtph)

### Features

- High capacity V-Bin hopper
- Highly mobile
- Hydraulic VBIN doors
- Impact idlers under hopper
- Optional electric or dual power
- Optional magnetic separator

# SDX

## TELESCOPING STACKERS

The SDX Series Telescoping Stackers are self-contained desegregating conveyors to enhance and streamline materials handling. The SDX Series Stackers maximize stockpile capacity using a robust, fully automated and highly flexible control system providing optimal control of material quality.

With its onboard diesel hydraulic unit, the SDX Stackers are highly portable, complementing mobile screeners and crushers on site. The on-board power proves cost effective for customers, removing the need to transport and setup a separate genset or arrange supply of main power on-site. Setup from delivery to operation can be accomplished in 15 minutes.

The design reflects feedback from customers in a cross-section of material handling applications and industries.

### Features

- Self powered
- 36" heavy duty telescoping conveyor
- Stockpile control
- Integral pivot
- 3 position axle
- Full automation package
- Tracked bogie option



### Specifications

	SDX 100	SDX 130	SDX 150
Max. Production Rate	800 TPH (725 metric TPH)	800 TPH (725 metric TPH)	800 TPH (725 metric TPH)
Stockpile Height (max)	42'-5" (12.93m)	50' 5" (15.37m)	55' (16.76m)
Working Length (max)	100' (30.48m)	130' (39.61m)	150' (45.72m)
Engine	100 Hp (75kw)	127 Hp (96kw)	127 Hp (96kW)
Transport Length	57' 6" (17.53m)	75' 4" (22.97m)	84'-5" (25.73m)
Transport Height	11'9" (3.59m)	13' 6" (4.12m)	13' 6" (4.11m)
Belt Width - Outer	36" (900 mm)	36" (900mm)	36" (914mm)
Belt Width - Inner	36" (900mm)	36" (900mm)	36" (914mm)



# ST100TF/ST80TF

## HIGH CAPACITY FEEDER STACKER

McCloskey International's heavy duty high capacity feeder stackers are designed to deliver enhanced handling and stockpiling of a wide range of materials across industries including aggregates, composting, landscaping and mining. They are an excellent alternative when a traditional direct load stacker may not be the right match for the material, and offers an economical yet highly productive option to the larger TF80.

Both models feature a large capacity hopper (5.75 cu.m. or 7.5 cu. yd.) with adjustable height, ensuring optimized operational efficiency on the job. The design reflects feedback from customers in a cross-section of applications and industries, and McCloskey International's commitment to deliver the best products based on that input.



### Specifications

	ST80TF	ST100TF
Engine	100 Hp (75 kW)	100 Hp (75 kW)
Conveyor Length	80' (24.38m) drum centers	100' (30.48m) drum centers
Hopper Capacity	7.5 yd <sup>3</sup> (5.75 m <sup>3</sup> )	7.5 yd <sup>3</sup> (5.75 m <sup>3</sup> )
Production Rate	800 TPH	800 TPH
Stockpile Height	31'- 1" (9.47m)	41' 10" (12.77m)
Stockpile Capacity	2035 yds <sup>3</sup> (1556 m <sup>3</sup> )	4927 yds <sup>3</sup> (3,766 m <sup>3</sup> )

### Features

- High capacity hopper
- Removable feeder wings
- Hydraulic stabilizer legs
- Hydraulic top fold
- 5 minute set up time



# TF80/WF80

## HIGH EFFICIENCY FEEDER STACKERS

McCloskey Feeder Stackers facilitate the handling and stockpiling of large wood waste, bark, compost and topsoil, all of which can be fed into the hopper with large loaders and excavators.

In addition to the enhanced mobility, a large feeder hopper, wide heavy duty 80' long conveyor, and a heavy duty feeder make the TF80 a robust, mobile stockpiling conveyor for use across a number of industries.

Tracked feeders are all available with numerous custom options to meet each customer's unique material requirements.

### Specifications

	<b>TF80 Tracked Feeder Stacker</b>	<b>WF80 Wheeled Feeder Stacker</b>
Production	800 US TPH	750 US TPH
Engine	100 Hp (75 kW)	100 Hp (75 kW)
Stockpile Height	42' 6" (12.94m)	42' 6" (12.94m)
Hopper Capacity	15.7 yd <sup>3</sup> (11.6 m <sup>3</sup> )	15.7 yd <sup>3</sup> (11.6 m <sup>3</sup> )
Conveyor Length	19.35m (80')	19.35m (80')
Belt Width	48" (1200mm)	48" (1200mm)
Stockpiling Angles	0° - 29°	0° - 29°

### Features

- Large feed hopper
- 48" chevron or plain conveyor
- Hydraulic top fold
- Hydraulic leveling jacks
- Zero angle or flat running position
- 5 minute set up time



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# UF1200

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## UNIVERSAL FEEDER

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McCloskey now has a high capacity, powerful and reliable universal bin feeder in its line-up. Designed by Paschal McCloskey, the UF1200 is suited particularly to topsoil, compost, mulch and landscape products but can significantly enhance production levels across multiple applications.

With wide 48" main and feed conveyor belts, a high capacity hopper, and fast on-site setup time, the UF1200 brings a new level of efficiency to your material processing.

Available tracked or wheeled, the UF1200 universal bin feeder is portable and versatile, and can be transported easily from site to site.



### Specifications

Engine	100 Hp (75 kW)
Working Length	16.1m (52'-10-1/2")
Main Conveyor Belt Width	1200mm (48")
Feed Conveyor Belt Width	1200mm (48")
Hopper Capacity - Mulch	12.5m <sup>3</sup> (16.5 yd <sup>3</sup> )
Hopper Capacity - Aggregate	10m <sup>3</sup> (14 yd <sup>3</sup> )
Stockpile Height	4.0m (13'-3")
Production	650 US TPH

### Features

- Large feed hopper
- 48" x 15' Feed Conveyor
- 48" x 27' Main Conveyor
- Open access engine bay
- Hydraulic top fold
- Hydraulic leveling jacks
- 5 minute set up time



# SMARTER

## WASHING SOLUTIONS

McCloskey Washing Systems (MWS) focuses on washing and classifying across multiple applications, designing and manufacturing a full range of mobile, modular and static material and mineral washing equipment.

While McCloskey International has been producing equipment for the quarrying, recycling, mining and industrial sand sectors for over 30 years, McCloskey Washing Systems provides 100% focus on the development of class-leading innovative and efficient equipment for washing and classifying material and mineral products.

The products produced by McCloskey Washing Systems deliver significant advantages to customers, including lower cost of ownership, lower cost of production, and making more projects viable for their business.

Visit [www.mccloskeywashing.com](http://www.mccloskeywashing.com) for detailed product information.

### MODULAR

SANDSTORM 620

SANDSTORM 516

AGGSTORM 150

AGGSTORM 80

COMPACT SAND PLANT 120

COMPACT SAND PLANT 200

SCREENBOX 620/516/512

### STATIC

STATIC HOPPER

DW200 DEWATERING SCREEN

DW100 DEWATERING SCREEN

SANDSCREW 3625S

SANDSCREW 3625T

### MOBILE

S190 RINSER

S130 RINSER

SCALPER R155

SCALPER R105

SCREW RINSER SR516



# PARTS, SERVICE & AFTER SALES

All McCloskey products are carefully designed by professional engineers, choosing quality components. We therefore recommend the use of genuine OEM McCloskey parts to maximize the performance of your machine.

At McCloskey International we understand the importance of delivering spares quickly and efficiently. We keep a wide range in stock, minimizing costly downtime.

The worldwide McCloskey dealer network stocks a wide range of parts to support your product locally, while the North American and European McCloskey facilities support users globally.

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