

SCREEN MACHINE[®]

AMERICAN-MADE INNOVATION SINCE 1966

2018 PRODUCT CATALOG



CRUSH EVERY JOB[™]

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CRUSH EVERY JOB™

That's more than just a catch phrase at Screen Machine. It's how we run our business, and what we build our machines to do. Our commitment is to provide the highest quality equipment that lets you CRUSH EVERY JOB.

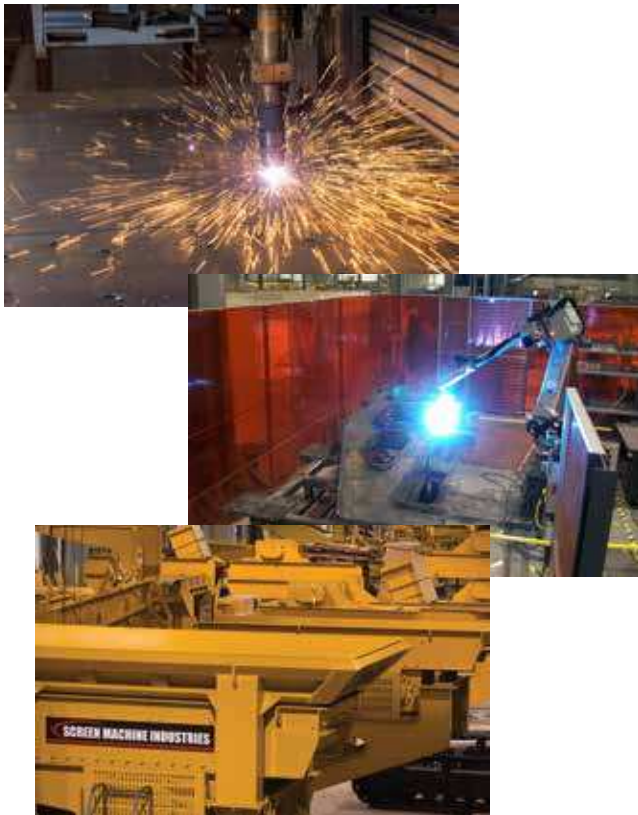
Are you ready to take your crushing and screening productivity to a new level? Then you need to take a look at Screen Machine.

Screen Machine products are better — by design, by manufacture and by performance. Each machine is built to our stringent specifications in our Etna, OH manufacturing facility — just as they have been for the last 50+ years.

Here are just a few reasons Screen Machine is your best choice for crushing and screening equipment:

- Patented technology that provides unmatched innovation, durability and productivity
- A complete line of products to serve all crushing and screening needs
- Key components on most machines are manufactured with USA-made Grade 80 steel — *the strongest available!*
- Same day shipping on stock parts orders
- Complete technical support

Give us a call or visit us at www.screenmachine.com. Together, we will CRUSH EVERY JOB!



IMPACT CRUSHERS



5256T

The 5256T Impact Crusher is a track-mounted crusher designed to crush quarry rock or recyclable materials such as concrete and asphalt. Features include standard heavy-duty tracks, a CAT® ACERT C13 475 HP (354kw) diesel engine - Tier IV Final (or) Volvo D13 502 HP (374kw) diesel engine - Tier IV Final, 52" x 56" (1.3m x 1.4m) horizontal impact crusher, 56" x 38" (1.4m x .9m) feed inlet opening and fully remote controlled operation.

A key performance plus for the 5256T is our patented wireless remote controlled lifting lid, allowing oversized material to pass through the crusher without stoppage. Countless hours of production downtime can be saved with this single unique feature, standard only on Screen Machine Impact Crushers.

Crusher

- 52" x 56" (1.3m x 1.4m) horizontal impact crusher
- 56" x 38" (1.4m x .9m) high feed inlet opening

Engine & Controls

- CAT® ACERT C13 475 HP (354kw) diesel engine - Tier IV Final (or) Volvo D13 502 HP (374kw) diesel engine - Tier IV Final
- Wireless remote control operation

Hopper / Feeder

- 52" x 15'-0" (1.3m x 4.5m) vibratory grizzly feeder

Conveyors

- 54" Wide (1.4m) main belt
- 12'-7" (3.7m-18cm) discharge height
- 24" (.6m) fines side conveyor
- 7'-5" (2.1m-12.7cm) discharge height

Unique/Patented Features

- Remote Crusher Relief System (US Patent #7,229,041)
- Fully adjustable cross-belt magnet with stainless steel chutes

Structure / Undercarriage

- USA-made Grade 80 steel construction
- Heavy-duty undercarriage



4043T

The 4043T Impact Crusher is a track-mounted design for quarry rock or recyclable materials such as concrete and asphalt. CAT® ACERT C9.3 376 HP (280kw) diesel engine - Tier IV Final (or) Volvo D11 355 HP (265kw) diesel engine - Tier IV Final, as well as a heavy-duty tracked undercarriage are standard with this model. Full remote controlled movement and operation allows your wheel loader or excavator operator to move and operate the 4043T from the safety and comfort of their machine.

Our patented Remote Crusher Relief System is a key feature that allows for blockage clearance during operation. The wireless remote control triggers the lifting lid allowing oversized material to pass through the crusher without stoppage. This feature alone can save countless of hours of lost production time during operation.

Crusher

- 40" x 43" (1m x 1.1m) horizontal impact crusher
- 43" x 32" (1.1m x .8m) feed inlet opening

Engine & Controls

- CAT® ACERT C9.3 376 HP (280kw) diesel engine - Tier IV Final (or) Volvo D11 355 HP (265kw) diesel engine - Tier IV Final
- Wireless remote control operation

Hopper / Feeder

- 40" x 13'-0" (1m x 4m) vibratory grizzly feeder

Conveyors

- 42" (1.06m) main belt
- 10'-9" (3.28m) discharge height
- 24" (.6m) fines side conveyor
- 7'-0" (2.1m) discharge height

Unique/Patented Features

- Remote Crusher Relief System (US Patent #7,229,041)
- Fully adjustable cross-belt magnet with stainless steel chutes

4043TR Recirculating

The 4043TR Closed Circuit Impact Crusher is built with all the rugged performance and durability of our standard 4043T, yet the 4043TR offers two additional functions:

- A large two-deck screen, fed directly from the crusher, delivers sized product off the fines conveyor
- An additional radial overs conveyor feeds directly back to the hopper, or can be positioned to the side for stockpiling

For unmatched productivity, especially in areas such as road construction where a smaller footprint is needed, the 4043TR is an ideal choice.

Crusher

- 40" x 43" (1m x 1.1m) horizontal impact crusher
- 43" x 32" (1.1m x .8m) feed inlet opening

Screen

- Heavy-duty 5' x 12' (1.5m x 3.7m) two-bearing screen deck with relief deck and downhill throw
- USA-made Grade 80 steel screenbox

Engine & Controls

- CAT® ACERT C9.3 376 HP (280kw) diesel engine - Tier IV Final (or) Volvo D11 355 HP (265kw) diesel engine - Tier IV Final
- Wireless remote control operation

Hopper / Feeder

- 40" x 13'-0" (1m x 4m) vibratory grizzly feeder

Conveyors

- 42" (1.06m) main belt
- 11'-3" (3.43m) discharge height
- 48" (1,219mm) fines belt
- 11'-3" (3.43m) discharge height
- Delivers sized product from front of machine
- Cleated 20" (.5m) recirculating belt
- 7'-0" (2.1m) discharge height, can be used as a side stacker
- 24" (.6m) fines side conveyor
- 7'-0" (2.1m) discharge height

JAW CRUSHERS



JXT

The JXT Jaw Crusher is a track-mounted crushing plant featuring unique automatic blockage clearance and tramp iron relief capabilities unequaled in our industry. Operated by wireless remote control, the JXT can process your hardest and most difficult materials, greatly reducing the typical risk of stoppages, damages and high-maintenance costs associated with most other jaw crushers.

Crusher

- True 26" x 45" (66cm x 1.14m) wide inlet opening
- Remote control hydraulic jaw adjustment

Engine & Controls

- CAT® ACERT C9.3 376 HP (280kw) diesel engine - Tier IV Final (or) Volvo D11 355 HP (265kw) diesel engine - Tier IV Final
- Wireless remote control operation

Hopper / Feeder

- 40" x 13'-0" (1m x 4m) vibratory grizzly feeder
- 14'-0" (4.3m) feed hopper opening

Conveyors

- 42" (1.07m) main belt
- 10'-9" (3.28m) discharge height
- 24" (.6m) fines side conveyor
- 7'-0" (2.1m) discharge height

Unique Features

- Automatic blockage clearance
- Automatic tramp iron relief
- Fully adjustable cross-belt magnet with stainless steel chutes

Structure / Undercarriage

- USA-made Grade 80 Steel construction
- Heavy-duty tracked undercarriage



JHT

The JHT Jaw Crusher, based on the JXT Jaw Crusher model, is a track-mounted crusher featuring remote control jaw adjustment. Operated by wireless remote control, the JHT can process your hardest and most difficult materials, greatly reducing the typical risk of stoppages, damages and high-maintenance costs associated with most other jaw crushers. This powerful high-capacity plant is best suited to quarry work, where foreign materials are less likely to be encountered.

Crusher

- True 26" x 45" (66cm x 1.14m) wide inlet opening
- Remote control hydraulic jaw adjustment

Engine & Controls

- CAT® ACERT C9.3 376 HP (280kw) diesel engine - Tier IV Final (or) Volvo D11 355 HP (280kw) diesel engine - Tier IV Final
- Wireless remote control operation

Hopper / Feeder

- 40" x 13'-0" (1m x 4m) vibratory grizzly feeder
- 14'-0" (4.3m) feed hopper opening

Conveyors

- 42" (1.07m) main belt
- 10'-9" (3.28m) discharge height
- 24" (.6m) fines side conveyor
- 7'-0" (2.1m) discharge height

Unique Features

- Fully adjustable cross-belt magnet with stainless steel chutes

Structure / Undercarriage

- USA-made Grade 80 Steel construction
- Heavy-duty tracked undercarriage

SCREENING PLANTS



Spyder 622TH Triple Deck Screen

The Spyder 622TH Triple Deck Screen is a track-mounted screening plant featuring a 6'-0" x 22'-0" (1.83m x 6.7m) horizontal shaker screen. Operated by wireless remote control, the 622TH features a triple shaft, triple deck shaker screen with a unique direct feed approach. This huge screen generates better material separation, which is a significant benefit in some applications where finer, cleaner screening is required.

Screen

- Heavy-duty triple deck 6'-0" x 22'-0" (1.83m x 6.7m)
- Horizontal shaker screen
- USA-made Grade 80 steel bolted construction

Engine / Control

- CAT® C4.4TA 140 HP (104kw) diesel engine
- Wireless remote control operation

Hopper / Feeder

- Features a large direct target feed opening of 9'-0" x 10'-8" (2.7m x 3.3m) and a low feed height of 10'-10" (3.3m)
- Hopper side walls hydraulically fold for transportation

Conveyors

- 36" (914mm) wide belts on all four discharge conveyors
- All discharge conveyors hydraulically fold for quick and easy transport

Structure / Undercarriage

- USA-made Grade 80 steel construction
- Heavy-duty tracked undercarriage

Unique / Patented Features

- Features a unique direct feed
- Triple deck/triple shaft shaker screen

Spyder 516T

The Spyder 516T Double Deck Screening Plant is a patented aggregate screening plant designed to screen rock, soils, sand & gravel and construction & demolition materials producing three different sizes of product simultaneously. This heavy-duty machine features standard equipment such as a 110 HP (82kw) diesel engine, heavy-duty tracks and remote control movement and operation. The Spyder 516T's unique patented design allows feeding from three sides with a loader or excavator to accommodate any job site application.

Screen

- 5'-0" x 16'-0" (1.5m x 4.8m) double-deck two-bearing screen
- 5'-0" x 14'-0" (1.5m x 4.3m) bottom deck
- Adjustable screen angle

Engine / Control

- 110 HP (82kw) diesel engine
- Wireless remote control operation

Conveyors

- 48" (1.2m) wide oversize conveyor with impact bed
- 9'-4" (2.8m) discharge height
- 24" (.6m) midsize conveyor
- 13'-0" (3.9m) discharge height
- 36" (.9m) fines conveyor
- 12'-6" (3.8m) discharge height

Hopper / Feeder

- 1/2" (1.2cm) thick USA-made Grade 80 steel hopper walls
- 48" (1.2m) wide impact bed belt feeder
- Optional apron feeder available

Structure / Undercarriage

- Heavy-duty unibody frame chassis
- Heavy-duty tracked undercarriage

Unique / Patented Features

- Smooth Start® technology (U.S. Patent #6,669,026)
- Three Sided Loading design (U.S. Patent #6,698,594)
- Independent hydraulics

SCREENING PLANTS



Spyder 514TS

The Spyder 514TS is a patented track-mounted, reverse screening plant designed for primary or secondary screening of rock, sand & gravel, soils and other materials. Its 5' x 14' (1.5 m x 4.3 m) double-deck screen is capable of producing three finished products simultaneously. The versatile 514TS can be used as a stand-alone screen or in conjunction with a crusher to easily recirculate oversized material back into the crusher for further reduction.

Screen

- 5'-0" x 14'-0" (1.5m x 4.3m) double deck two bearing screen
- 5'-0" x 12'-0" (1.5m x 3.7m) bottom deck
- Adjustable screen angle

Engine / Control

- Tier IV Flex 84 HP (62kw) diesel engine
- Wireless remote control operation

Conveyors

- 42" (1,067mm) wide fines conveyor
- 13'-10" (4.22m) fines discharge height
- 24" (610mm) wide mids and oversize conveyors
- 16'-6" (5.04m) mids discharge height
- 16'-6" (5.04m) oversize discharge height
- Side discharge belt angles: 18°, 21°, 24°

Hopper / Feeder

- Standard grizzly
- 8 cubic yard (6.1cu. m.) hopper
- Low feed height of 9'-4" (2.8m) without grizzly

Structure / Undercarriage

- Heavy-duty tracked undercarriage
- 15.7" (.4m) shoe width for low ground pressure

Unique / Patented Features

- Patented Smooth Start® technology (U.S. Patent #6,669,026)
- Independent hydraulics

Spyder 514TS3 Triple Deck Screen

Taking efficiency and productivity to a new level, the Spyder 514TS3 Triple Deck Screen can deliver four finished products simultaneously — fines, small mids, large mids and overs. The 5'x14' (1.5m x 4.3m) triple-deck has been designed for maximum output and minimal downtime. It can be used as a stand-alone screen or in tandem with a crusher.

Screen

- 5'-0" X 14'-0" (1.5m x 4.3m) top and middle deck screens
- 5'-0" X 12'-0" (1.5m x 3.7m) bottom deck screen
- Adjustable screen angles

Engine / Control

- Tier IV Flex 84 HP (62kw) diesel engine
- Wireless remote control operation

Conveyors

- 42" (1,067mm) wide fines conveyor
- 13'-10" (4.22m) fines discharge height
- 24" (610mm) wide big mids, small mids and oversize conveyors
- 16'-6" (5.04m) big mids discharge height
- 16'-6" (5.04m) small mids discharge height
- 17'-11" (5.46m) oversize discharge height
- Side discharge belt angles: 18°, 21°, 24°

Hopper / Feeder

- Standard grizzly
- 8 cubic yard (6.1m cu.) hopper
- Low feed height of 9'-4" (2.8m) without grizzly

Structure / Undercarriage

- Heavy-duty tracked undercarriage
- 15.7" (.4m) shoe width for low ground pressure

Unique / Patented Features

- Patented Smooth Start® technology (U.S. Patent #6,669,026)
- Independent hydraulics



Scalper 107T

The Scalper 107T Double Deck Screening Plant is a patented, heavy-duty, track-mounted screening plant designed to screen rock, soils, sand, gravel, coal, concrete and more. It works best when paired with your 3-5 yard (2.5–4m) front end loader. A unique wide feed opening over dual 7'-0" (2.1m) shaker screens, dependable diesel engine, heavy-duty tracked undercarriage and wireless remote control movement and operation are standard with the Scalper 107T.

Screen

- Variable hydraulic screen angle
- Dual 5'-0" x 7'-0" (1.5m x 2.1m) shaker screens
- 13'-9" (4.24m) wide feed screen opening

Engine / Control

- 84 HP (63kw) Yanmar® diesel engine
- Wireless remote control operation

Conveyor

- 42" (1.1m) wide variable speed under-screen conveyor belt
- Self-aligning idlers

Structure / Undercarriage

- Heavy-duty tracked undercarriage
- USA-made Grade 80 plate construction

Unique / Patented Features

- Smooth Start® technology (U.S. Patent #6,669,026)
- Center Support Screen Guard (U.S. Patent #6,000,553)

Scalper 107D

The Scalper 107D Double Deck Screening Plant is a patented, heavy-duty screening plant that is perfect for two product separation. Ideal applications include soils screening, removing vegetation, rocks and even scrap metal. This tough machine is built with USA-made Grade 80 steel plate and a heavy-duty reinforced tubular structure.

The hydraulic landing gear and hydraulic axle raise and lower make the Scalper 107D "screening ready" in minutes. It is a unique dual screen processing plant featuring 10' x 7' (3m x 2.1m) double deck screens with a protective center support that matches up to your 3-5 yard (2.5-4m) front end loader.

Screen

- Dual 5'-0" x 7'-0" (1.5m x 2.1m) shaker screens
- 13'-9" (4.24m) wide feed screen opening

Engine / Control

- 48 HP (36kw) diesel engine

Unique / Patented Features

- Smooth Start® Technology (U.S. Patent #6,669,026)
- Center Support Screen Guard (U.S. Patent #6,000,553)
- USA-made Grade 80 plate construction

SCREENING PLANTS



Scalper 77C

The Scalper 77C Double Deck Screening Plant is a patented, heavy-duty screening plant capable of screening soils, aggregates and more. It works best when paired with your 2 yard (1.8m) front end loader. A large feed opening directing material on the 7'-0" (2.1m) long shaker screen is standard equipment in this easy-to-use and easy-to-own Scalper 77C. The pile heights created by the fines discharge conveyor will give the operator hours of uninterrupted processing time. A compact high capacity processing plant for nearly any feed material.

Screen

- 7'-0" x 7'-0" (2.1m x 2.1m) double-deck two-bearing screen
- Wide feed opening with low feed height
- 9'-9" (3m) feed screen opening

Engine / Control

- 48 HP (36kw) diesel engine

Conveyor

- 36" (.9m) wide main discharge belt
- Material stockpiling height of 11'-5" (3.5m)
- Hydraulically folds for easy transport

Structure / Undercarriage

- USA-made Grade 80 plate construction

Unique / Patented Features

- Smooth Start® technology (U.S. #6,669,026)

TROMMELS



612T

The 612T Trommel is a self-contained, diesel-powered, track-mounted portable screening plant designed to separate topsoil, compost and green waste type products. It features wireless remote controls and a direct open-feed hopper with a large 6' x 12' (1.8m x 3.6m) trommel drum, creating 160 square feet (48.7m Sq.) of screening area.

The pile height generated by the side discharge conveyor combined with the tracked undercarriage creates tremendous windrow stockpiling capabilities. It is a landscaper's ultimate high capacity processing plant.

Screen

- 6'-0" x 12'-0" (1.8m x 3.6m) heavy-duty trommel screen
- 160 square feet (48.7m sq.) of actual screening surface area
- Four wheel/twin motor driven trommel drum
- Unique rapid change screen cloth system
- Self-cleaning trommel drum brushes

Engine / Control

- 84 HP (62 kw) diesel engine
- 70 gallon (264.9L) fuel tank = approx 16 hours of run time
- Wireless remote control operation

Conveyors

- 24" (.6m) wide side conveyor
- Side conveyor discharge height 12'-9" (3.9m)
- Optional 36" (.91m) wide oversize conveyor
- Oversize material conveyor discharge height 6'-1" (1.9m)
- Guide rollers for conveyor belt centering
- Hydraulic fold-over conveyor for easy portability

Hopper / Feeder

- Large 4.5 cubic yard (3.4cu. m.) open ended hopper
- Optional hopper extension for 7.5 cubic yards (5.7cu. m.)
- Low 9'-2" (2.8m) Hopper feed height
- Variable speed feeder belt
- Optional remote tipping grizzly over hopper
- Optional vibrating screen over hopper



612W

The 612W Trommel is a self-contained, diesel-powered, portable screening plant designed to separate topsoil, compost, wood chips and green waste products. It features a direct open feed hopper with a large 6' x 12' (1.8m x 3.6m) rotating drum that creates 160 square feet (48.7m Sq.) of screening area. The pile heights created by the side discharge conveyor and oversize conveyor will give the operator hours of uninterrupted processing time. It is the landscaper's ultimate high capacity processing plant for nearly any feed material.

Screen

- 6'-0" x 12'-0" (1.8m x 3.6m) heavy-duty screen
- 160 square feet (48.7m sq.) of actual screening surface area
- Four wheel/twin motor driven drum
- Unique rapid change screen cloth system
- Self-cleaning trommel drum brushes

Engine / Control

- 84 HP (62 kw) diesel engine
- 70 gallon (264.9L) fuel tank = 16 hours run time

Conveyors

- Side discharge conveyor height 13'-11" (4m)
- Guide rollers for conveyor belt centering
- Optional oversize conveyor
- Hydraulic fold-over conveyor for easy portability

Hopper / Feeder

- Low 10'-4" (3.1m) hopper feed height
- Variable speed feeder belt
- Optional remote tipping grizzly over hopper
- Optional vibrating screen over hopper

Structure / Undercarriage

- Heavy-duty unibody steel frame design

Unique Features

- Optional Hammermill Shredder (US Patent #7,121,487)
- Fifth wheel pin transport for easy transportation
- Hydraulic landing gear



Might II

The Might II Trommel Shredder is a towable trommel screening plant ideally matched for skid steers to process topsoil, mulch, compost and more. The Might II is well-equipped with a diesel engine, high-speed hammermill shredder to pulverize clumps of topsoil and a trommel screen to remove sticks, rocks, etc. Now you can process your own landscaping materials with very minimal expense.

Screen

- 3'-0" x 4' (.9m x 1.2m) trommel screen
- Screen cleaning brush

Engine / Control

- 26 HP (19kw) diesel engine

Conveyor

- Extra HP to drive an additional conveyor

Hopper / Feeder

- 1 cubic yard (.9cu. m.) hopper
- Variable speed feeder belt
- Complete tipping grizzly section

Unique Features

- High-speed hammermill shredder
- Towable with pickup truck
- Sets up in minutes

CONVEYORS



TH80-36 Hydraulic Conveyor TE80-36 Electric Conveyor

Length / Width

- 80'-0" (24.4m) radial stacker
- Available in 36" (.9m) belt width with top folding head
- Maximum stockpiling height of 35'-7" (10.7m)

Frame

- Heavy-duty truss frame

Unique Features

- Fifth wheel pin for towable transportation
- Counterweight design for stockpile height
- Lagged head and wing-type tail pulleys
- Wrap pulley drive
- Telescoping radial undercarriage
- Hydraulic or electric drive
- Optional self-contained diesel power module



6036T Tracked Conveyor

Length / Width

- 60'-0" (18.3m) tracked stacking conveyor
- 36" (.9m) wide conveyor belt

Frame

- Heavy-duty channel frame

Unique Features

- High-strength USA-made Grade 80 steel construction
- Heavy-duty tracked undercarriage
- Counterweighted design for optimal stockpiling capability
- Simple, quick set-up
- Hydraulic top fold for ease of transportation
- Wireless remote control operation
- 48 HP (35kw) diesel engine with emergency stops
- Lagged head pulley
- Wing type tail pulley
- 5" (12.7cm) idler cans
- 5" (12.7cm) rubber disc return idlers
- Fits in shipping containers



TH60-36 Hydraulic Conveyor TE60-36 Electric Conveyor

Length / Width

- 60'-0" (18.3m) radial stacking conveyor
- Available in a 36" (.9m) belt width
- Maximum stockpiling height 25'-8" (7.8m)

Frame

- Heavy-duty truss frame

Unique Features

- Radial undercarriage
- Lagged head and wing tail pulley
- 5" (12.7cm) diameter idlers
- Fifth wheel or pintle tow
- Large loading trough
- Hydraulic or electric drives
- Optional self-contained diesel power module
- Easy towable transport



CH50-30, -24 Hydraulic Conveyors CE50-30, -24 Electric Conveyors

Length / Width

- 50'-0" (15.2m) radial stacking conveyor
- Available in 30" (.7m) and 24" (.6m) belt widths

Frame

- Heavy-duty channel frame

Unique Features

- Radial undercarriage
- Large loading trough
- Lagged head and wing tail pulley
- Hydraulic or electric drives
- Optional self-contained diesel power module
- Easy towable transport

CH40-36, -30, -24 Hydraulic Conveyors CE40-36, -30, -24 Electric Conveyors

Length / Width

- 40'-0" (12.1m) radial conveyor
- Available in 36" (.9m), 30" (.7m) and 24" (.6m) belt widths

Frame

- Heavy-duty channel frame

Unique Features

- Radial undercarriage
- Large loading trough
- Lagged head and wing tail pulley
- Hydraulic or electric drives
- Optional self-contained diesel power module
- Easy towable transport



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