

# SCREEN MACHINE INDUSTRIES

AN AMERICAN MANUFACTURER OF PORTABLE CRUSHING, SCREENING AND SHREDDING PLANTS & CONVEYORS

## PORTABLE CONVEYORS



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## 80' (24.4m) STACKING CONVEYOR

The Screen Machine Industries 80' (24.4m) long portable radial stacking conveyor is unique in the industry. This innovative counterweighted design with its cantilevered discharge has the ability to create stockpiles of material typically associated with larger 100' (30.5m) stacking conveyors. Stockpiled materials stay clear of the radial axle undercarriage creating unobstructed radial piles. The powerful wrap pulley drive system generates the belt traction needed for massive production. Ease of transport with either side or top folding truss capability make this conveyor a necessary part of any large portable operation.

### MODEL SIZES AVAILABLE

- Model TH80-36 36" X 80'-0" Hydraulic Drive (914mm x 24.4m)
- Model TE80-36 36" X 80'-0" Electric Drive (914mm x 24.4m)
- Model TH80-30 30" X 80'-0" Hydraulic Drive (762mm x 24.4m)
- Model TE80-30 30" X 80'-0" Electric Drive (762mm x 24.4m)

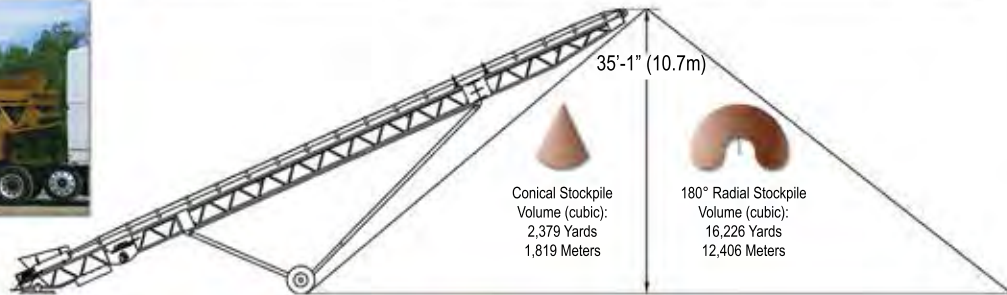
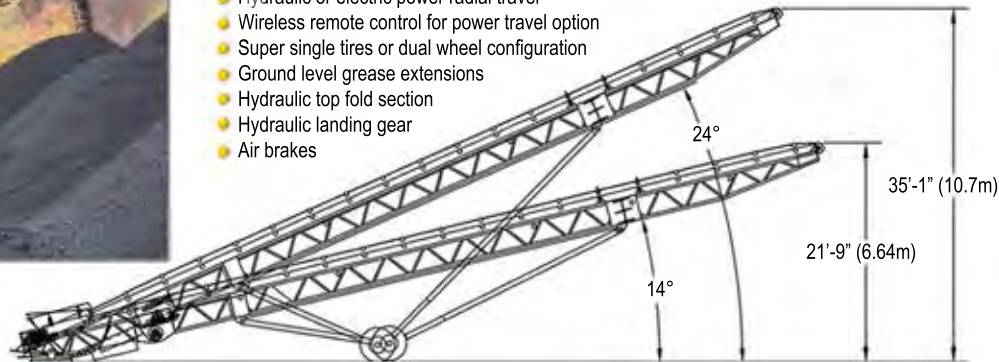
### KEY FEATURES

- Stockpile capacity equal to 100' (30.5m) conventional conveyor
- Telescoping swivel wheel radial undercarriage for stable radial stockpiling
- Counterweighted design for unobstructed radial travel
- Variable conveyor angle positioning up to 24°
- Heavy-duty 30" (762mm) deep lattice truss frame
- High strength 6" (152mm) square tubular undercarriage
- Head section top folds or side folds for easy transport
- Large lagged 18" (457mm) head pulley with two additional wing pulleys for belt wrapping
- 5" (127mm) Diameter troughing and return idlers
- 16,000 lb (7,258KG) Axle with 11:00 x R22.5 12 ply tires
- Fifth wheel king pin transport with site pull tow ring
- Large heavy-duty 6' (1.8m) long receiving hopper



### AVAILABLE OPTIONS

- 48hp Diesel power module
- Extra large receiving hopper extension
- Hydraulic or electric/hydraulic cylinder raise and lower
- Hydraulic or electric power radial travel
- Wireless remote control for power travel option
- Super single tires or dual wheel configuration
- Ground level grease extensions
- Hydraulic top fold section
- Hydraulic landing gear
- Air brakes



### SHIPPING INFORMATION

- Height 13'-0" (3.96M)
- Length 62'-7" (19.08M)
- Width 10'-9" (3.51M to 3.81M)
- 30" x 80' Weight 17,600 lbs. (7,983KG)
- With 48hp Diesel Module 20,200 lbs. (9,163KG)
- 36" x 80' Weight 18,800 lbs. (8,528KG)
- With 48hp Diesel Module 21,700 lbs. (9,843KG)



### 48HP DIESEL MODULE SPECIFICATIONS

- Yanmar® 48hp (35.3kw) diesel engine
- Hydraulic pump and control valve
- Hydraulic filter system with oil cooler
- Heavy-duty fuel tank and hydraulic oil tank
- Key start with hour and amp meter
- Optional second hydraulic control valve

# 60' (18.3m) TRACKED STACKING CONVEYOR

The Screen Machine Industries 36" x 60'-0" (914mm x 18.3m) track mounted portable stacking conveyor will revolutionize the conveyor industry. This wireless remote controlled conveyor will match up perfectly to any track mounted crusher or screening plant for "on the fly" finger-tip mobility. A counterweighted design combined with a heavy-duty channel frame structure creates unequalled stockpiling capability. Hydraulic top folding head section and cylinder positioning makes job site to job site transportation and set-up quick and effortless.

## MODEL SIZES AVAILABLE

Model 6036T 36" X 60'-0" (914mm x 18.3m) Hydraulic Drive

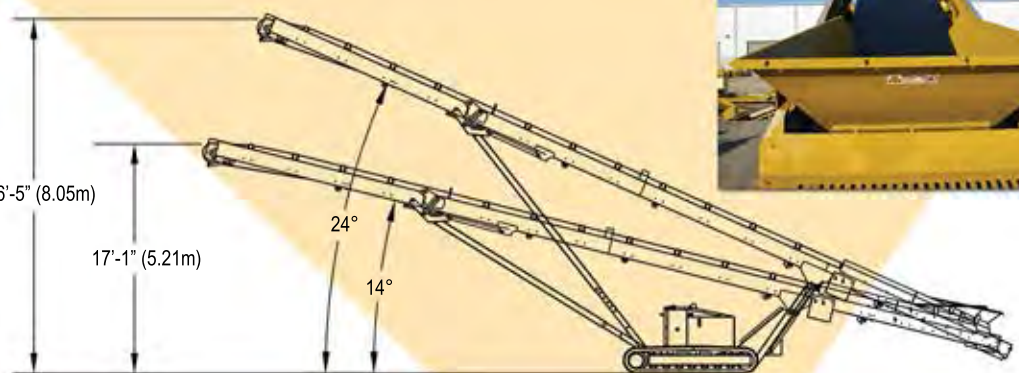
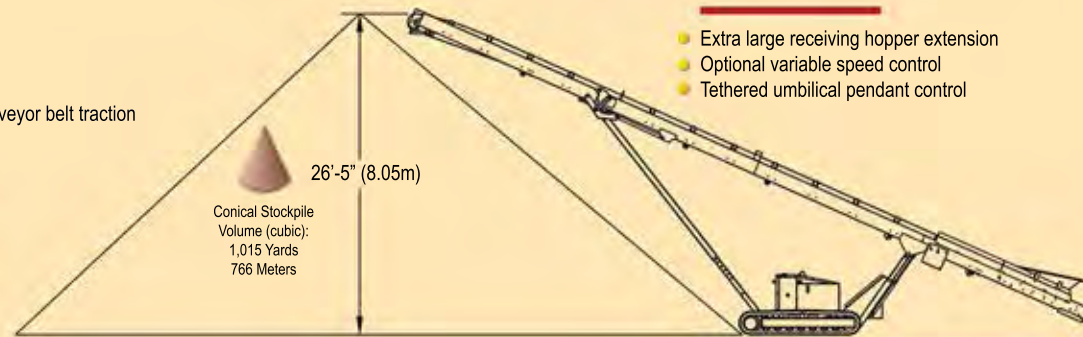


## KEY FEATURES

- Stockpile capacity equal to 75' (22.86m) conventional conveyor
- Counterweighted design for optimum stockpile heights
- Powerful tracked undercarriage with high and low speed for job site mobility
- Wireless remote control movement with 300' (92m) range
- Powered by a 48hp diesel power module
- Powerful drive delivering 425' per minute (129.5m per minute) belt speed for maximum tonnage
- Emergency shut-offs for safety
- Heavy-duty channel frame made from Grade 80 steel
- High strength 6" (152mm) square tubular undercarriage
- Hydraulic top folding head section for easy transport
- Hydraulic cylinder raise and lower
- Variable conveyor angle positioning up to 24°
- Large heavy-duty 6' (1.8m) long receiving hopper
- Large lagged 14" (356mm) head pulley for positive conveyor belt traction
- 5" (127mm) diameter troughing and return idlers
- Easily containerized for ocean transport

## AVAILABLE OPTIONS

- Extra large receiving hopper extension
- Optional variable speed control
- Tethered umbilical pendant control



## 48HP DIESEL MODULE SPECIFICATIONS

Yanmar® 48hp (35.3kw) diesel engine  
 Hydraulic pump and control valve  
 Hydraulic filter system with oil cooler  
 Heavy-duty fuel tank and hydraulic oil tank  
 Key start with hour and amp meter  
 Optional second hydraulic control valve  
 Emergency shutdown on remote



## SHIPPING INFORMATION

Height 9'-4" (2.84m)  
 Width 7'-6" (2.29m)  
 Length 45'-9" (13.94m)  
 Weight 21,000 (9,525kg)

## 60' (18.3m) STACKING CONVEYOR

The Screen Machine Industries 36" x 60'-0" (914mm x 18.3m) portable radial stacking conveyors are the most powerful conveyors in the industry. Plenty of horsepower is combined with a doubled angle deep truss design to create a conveyor capable of moving massive material volumes at speeds up to 480' (146m) per minute. This conveyor is the perfect match for portable crushers and screening plants with wider belts and high volume discharges that overwhelm typical industry conveyors.

### MODEL SIZES AVAILABLE

Model TH60-36 36" X 60'-0" Hydraulic Drive (914mm x 18.3m)  
 Model TE60-36 36" X 60'-0" Electric Drive (914mm x 18.3m)

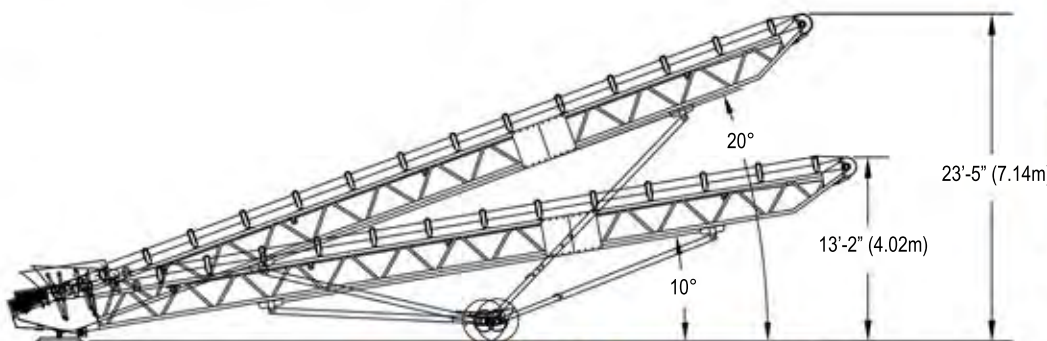
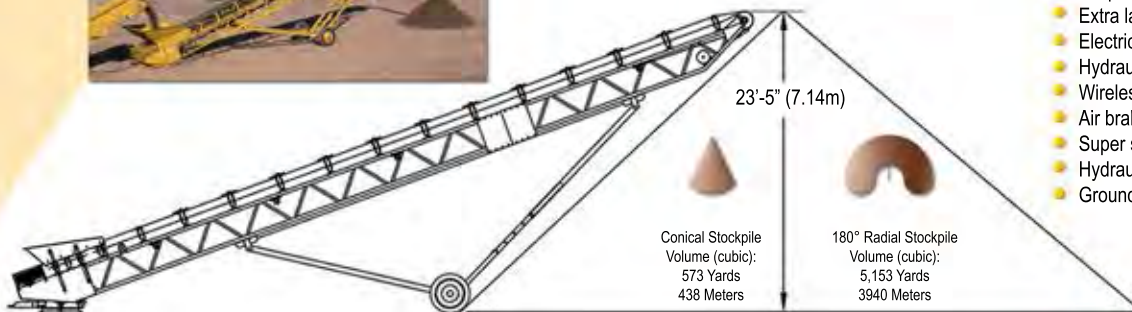
### KEY FEATURES

- Powerful drive delivering 480' per minute (146m) belt speed for maximum tonnage
- Telescoping swivel wheel radial undercarriage for radial stockpiling
- Heavy-duty 30" double stacked angle (762mm) deep lattice truss
- High strength 6" (152mm) square tubular undercarriage
- Hydraulic cylinder raise and lower (hydraulic conveyors)
- Variable conveyor angle positioning up to 20°
- 5" (127mm) Diameter troughing and return idlers
- 16,000 lb (7,258KG) Axle with 11:00 x R22.5 12 ply tires
- Fifth wheel king pin transport with site pull tow ring
- Large heavy-duty 6'-0" (1.8m) long receiving hopper
- Large lagged 16" (406mm) head pulley for positive conveyor belt traction



### AVAILABLE OPTIONS

- 48hp Diesel power module
- Extra large receiving trough hopper extension
- Electric/hydraulic cylinder raise and lower (electric conveyors only)
- Hydraulic or electric power radial travel
- Wireless remote control for power travel option
- Air brakes (required for "over the road" transport)
- Super single tires (required for diesel modules)
- Hydraulic landing gear
- Ground level grease extensions



(Optional hopper extension available on all models)

### 48HP DIESEL MODULE SPECIFICATIONS

Yanmar® 48hp (35.3kw) diesel engine  
 Hydraulic pump and control valve  
 Hydraulic filter system with oil cooler  
 Heavy-duty fuel tank and hydraulic oil tank  
 Key start with hour and amp meter  
 Optional second hydraulic control valve



### SHIPPING INFORMATION

Height 9'-5" (2.87m)  
 Width 8'-5" (2.57m)  
 Length 60'-11" (18.57m)  
 Weight 12,000 (4,990kg)  
 Weight with diesel module 15,000 (6,804kg)

## 50'/40' (15.2m/12.1m) STACKING CONVEYORS

Screen Machine Industries manufactures a line of 40'-0" (12.2m) and 50'-0" (15.3m) channel frame stacking conveyors. Conveyors are available in belt widths of 24" (610mm), 30" (762mm) and 36" (914mm) to accommodate most job site material stockpiling requirements. Easily transported from job site to job site with a pintle hook capable pick-up truck.

### MODEL SIZES AVAILABLE

Model CH40-24 24" X 40'-0" Hydraulic (610mm x 12.2m)  
 Model CE40-24 24" X 40'-0" Electric (610mm x 12.2m)  
 Model CH40-30 30" X 40'-0" Hydraulic (762mm x 12.2m)  
 Model CE40-30 30" X 40'-0" Electric (762mm x 12.2m)  
 Model CH40-36 36" X 40'-0" Hydraulic (914mm x 12.2m)  
 Model CE40-36 36" X 40'-0" Electric (914mm x 12.2m)

Model CH50-24 24" X 50'-0" Hydraulic (610mm x 15.3m)  
 Model CE50-24 24" X 50'-0" Electric (610mm x 15.3m)  
 Model CH50-30 30" X 50'-0" Hydraulic (762mm x 15.3m)  
 Model CE50-30 30" X 50'-0" Electric (762mm x 15.3m)



### KEY FEATURES

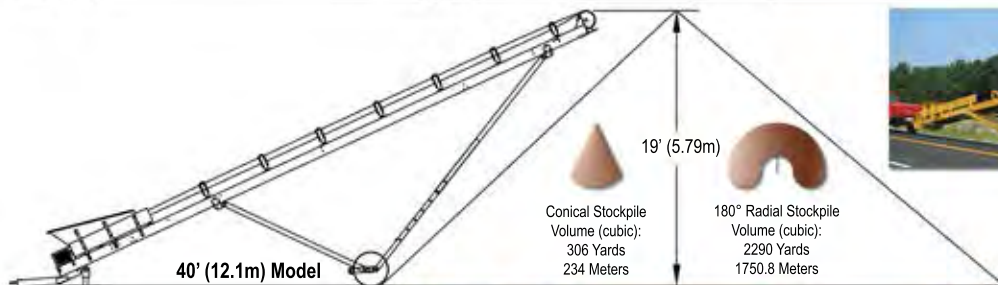
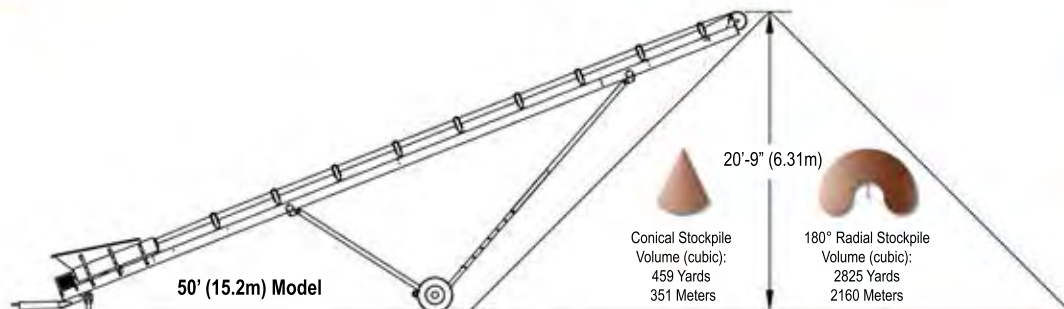
- Swivel wheel radial undercarriage for radial stockpiling
- Heavy-duty 8" (203mm) channel frame structure
- Square tubular under-structure for solid support
- Hydraulic or electric drives available
- Hydraulic cylinder raise and lower (optional on electric drives)
- Large heavy-duty 6' (1.8m) long receiving hopper
- Variable conveyor angle pin positioning
- 14" (356mm) Lagged head drive pulley
- 10" (254mm) Wing type tail pulley
- Single axle with 8:00 x 14.5 tires
- Pintle tow tongue for easy transport



(Optional Magnetic Head Pulley With Chute)

### AVAILABLE OPTIONS

- Concrete counterweight for higher stockpiling capabilities (40' (12.2m) only)
- Hydraulic or electric power radial travel
- Wireless remote control for power travel option
- 10hp or 48hp diesel power modules
- Extra large receiving hopper extension



### SHIPPING DIMENSIONS

Height	11'-7" (3.96m)
Width	8'-6" (2.59m)
Length	44'-0" (13.41m) - 40' conv.
Length	54'-0" (16.46m) - 50' conv.
Weight	5,000 (2,268kg) - 40' conv.
Weight	5,500 (2,495kg) - 50' conv.

### 48HP Diesel Module Specifications

Yanmar® 48hp (35.3kw) diesel engine  
 Hydraulic pump with control valve  
 Fuel tank and hydraulic oil tank  
 Hydraulic filter system with oil cooler  
 Hour and amp meters  
 Optional: Variable speed control  
 Optional: Additional hydraulic control valve



### 10HP Diesel Module Specifications

Yanmar® 10hp (7.35kw) diesel engine  
 Hydraulic pump and control valve  
 Hydraulic filter system  
 Heavy-duty fuel tank and hydraulic oil tank  
 Key start with hour and amp meter

# 30' (9.1m) STACKING CONVEYORS

Screen Machine Industries also manufactures 18" (457mm) x 30' (9.14m) channel frame stacking conveyors. These conveyors are designed to stockpile topsoil, aggregates or other products independently or in conjunction with the Screen Machine Might II portable screening plant. They are easily transported from job site to job site with a pintle hook capable pick-up truck.

## MODEL SIZES AVAILABLE

Model CH30-18 18" X 30'-0 Hydraulic (457mm x 9.2m)  
 Model CE30-18 18" X 30'-0 Electric (457mm x 9.2m)

## AVAILABLE OPTIONS

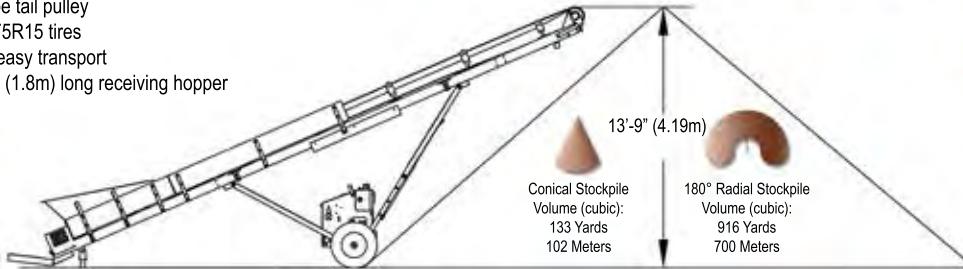
- Extra large receiving hopper extension
- 10hp diesel power modules

## KEY FEATURES

- Swivel wheel radial undercarriage for radial stockpiling
- Heavy-duty 6" (152mm) channel frame structure
- Square tubular under-structure for solid support
- Hydraulic or electric drives available
- Variable conveyor angle pin positioning
- 10" (254mm) lagged head drive pulley
- 10" (254mm) wing type tail pulley
- Single axle with 235/75R15 tires
- Pintle tow tongue for easy transport
- Large heavy-duty 6'-0 (1.8m) long receiving hopper

## SHIPPING DIMENSIONS

Height 9'-2" (2.79m)  
 Width 8'-6" (2.59m)  
 Length 32'-6" (9.91m)  
 Weight 3,000 (1,360kg)



## 10HP DIESEL MODULE SPECIFICATIONS

Yanmar® 10hp (7.35kw) diesel engine  
 Hydraulic pump and control valve  
 Hydraulic filter system  
 Heavy-duty fuel tank and hydraulic oil tank  
 Key start with hour and amp meter

Screen Machine Industries LLC is an innovative American manufacturer of portable machinery dedicated to material crushing, screening and stockpiling. Our product offering provides solutions ranging from 15-600 tons/yards per hour across a vast array of applications (such as sand & gravel, concrete & asphalt, topsoil & compost products). Our successful engineering philosophy is to incorporate reliable brand name components and industry leading features with the highest quality manufacturing techniques. This philosophy has prominently driven our success since 1966.

The manufacturing process includes the utilization of CNC fabrication equipment, robotic welders, advanced painting facilities and highly skilled mechanical technicians assembling these machines. Multiple levels of quality control and thorough run-time inspections are in place to ensure the quality and reliability that we demand and that you expect.

## ABOUT SCREEN MACHINE INDUSTRIES



Screen Machine Industries LLC continues to make substantial investments in research and development. Our highly skilled engineers combined with the latest computer technology, create the most innovative products in the crushing and screening industries. Numerous U.S. Patents have been awarded as a result of our creative ambition in developing machinery that we feel is superior to any in the industry. We also strive to add the best design engineers available to our organization. Our engineers are graduates of MIT and other prestigious universities throughout the United States.

Our diverse product line consists of heavy-duty, track-mounted Jaw and Impact Crushers, Spydys, Scalpers, Trommels and Conventional Screening and Shredding Plants. Our portable radial stacking conveyors complete the product lineup with sizes available to fit most every job.



## SCREEN MACHINE INDUSTRIES LLC

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