

TSR4280 Radial Stacking Conveyor



Up to 180° Stockpiling

With up to 180° of rotation, you can stack even larger piles. The radial movement allows greater volume and control where you want to put your product.

Remotely Operate the TSR4280 from Arms Reach

Fully-functional remote control operates the entire system, enabling a single-person operation. Pause and resume with the push of a button!

Special In-Feed Hopper

The TSR4280's in-feed hopper has been specifically designed to handle organic material to enable smooth feeding to the conveyor without bridging.

Unique Belt Scraper

The TSR4280 is equipped with a flexible finger belt scraper, specifically designed to work with a cleated belt. This eliminates material build up on the rollers ensuring uptime.

The Peterson TSR4280 is an innovative tracked radial stacking conveyor which can often eliminate the need for a wheel loader.

Fed by a large hopper, the generous 42-inch wide (107 cm) conveyor can easily keep up with horizontal grinders or screens. The 80-foot conveyor length can stack materials up to 31 feet high (953 cm).

Where the TSR4280 really excels is the ability to make 180° rows with over 11,000 cubic yard (8,435 m³) stockpiles in each row, a feature not found on many stacking conveyors.

The TSR4280 allows you to continually operate while conveying the material away from the feeding machine. This eliminates the need for double material handling with traditional wheel loaders, which can make a significant difference to your bottom line.

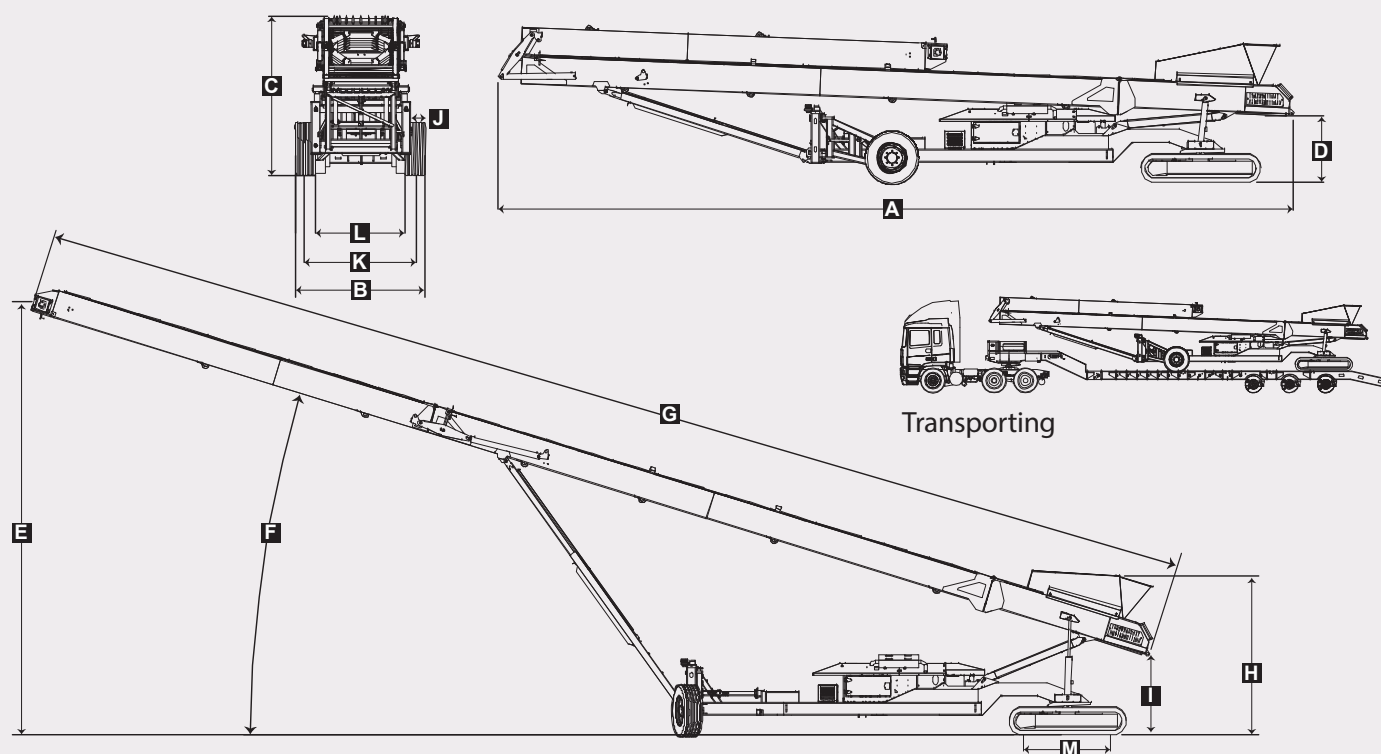
TSR4280 is easily repositioned with the powerful tracks to extend the pile or move to the next site. The machine can be setup in just minutes. The safe, simple hydraulic controls ease unloading, moving, setup, and tear down.

The folding head section and optional folding tail, creates a compact travel position that reduces transportation length.



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TSR4280 Dimensions



TSR4280 Specifications

Dimensions

A Travel Length	51'3" (1562 cm)
B Width	8'4" (254 cm)
C Travel Height	10'1" (307 cm)
D Conveyor Travel Loading Height	4'3" (130 cm)
E Conveyor Operation Height	31'3" (953 cm)
F Conveyor Operation Angle	22 degrees
G Conveyor Operation Length (Overall Length)	77'5" (2360 cm)
H Hopper Height	7'10" – 9'3" (239–282 cm)
I Conveyor Operation Ground Clearance	2'7" (79 cm)
J Track Width	1'3" (390 mm)
K Track Center Width	5'6" (168 cm)
L Inside Track Width	4'10" (148 cm)
M Track Drive Center to Idler Center	13'1" (400 cm)

Weight

Weight	33,070 lbs (15000 kg)
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Powertrain

Engine	Kohler KDI 1903 TCR 56.3 HP
Fuel Tank Capacity	47 gal (178 L)
Hydraulic Tank Capacity	53 gal (200 L)

Capacity

Capacity	500 tons per hour
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Conveyor

Conveyor Length	77'5" (2360 cm)
Conveyor Width	42" (107 cm)

Windrow Volume (20° Luffing)

90° Radial	6,380 yds ³ (4,880 m ³)
120° Radial	7,930 yds ³ (6,062 m ³)
180° Radial	11,030 yds ³ (8,435 m ³)

Optional Equipment

Wireless Track Remote, Dust Cover, Impact Bed in Feed Area, Dust Suppression Hydraulic Folding Tail Section, Full Length Skirt Boards, Belt Scale, Upgraded Belts, ½" Hardox Hopper Liners

Specifications subject to change without notice.

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