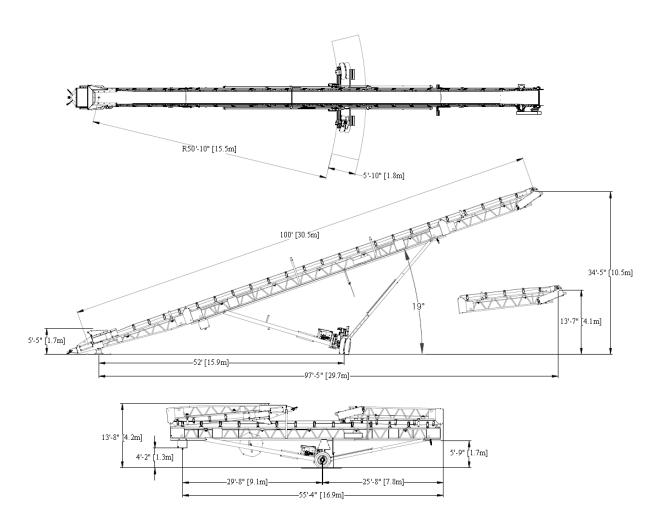


Model 13-24100 Portable Radial Stacking Conveyor Series 13 Spec Sheet



Conveyor Frame:

30" Deep Lattice Frame

Idlers:

All standard idlers are CEMA B - 5" diameter

- 35 degree troughing idlers on 4' spacing
- 20 degree idlers at feed point close spacing
- Flat steel return idlers on 10' spacing

Undercarriage:

Manual telescoping pin lock
Axle – single axle with dual 11:00 – 22.5 tires on swivel wheel boxes

Receiving Trough:

5' 6" long with adjustable rubber flashing

Belt Drive:

- Head end drive
- 250 TPH capacity (100 pcf material)
- Class I TA3203 Dodge shaft mount reducer w/backstop
- 15 Hp 3/60/460 TEFC electric motor
- V-belt, motor mounts and guards
- 16" dia., 3/8" grooved head pulley
- 14" dia. steel wing tail pulley
- 24" Screw take-up

NOTE:

Drawing is shown for informational purposes only, and may not necessarily represent the configurable options selected or available on the equipment. Specifications are subject to change without notice.

Belt:

2 ply 220 PIW, 1/8" x 1/16" covers with mechanical fasteners

Belt Cleaner (Optional):

Martin belt cleaner on head pulley of conveyor

Paint:

One coat of primer, finish coat of Beige acrylic

Physical / Operating Characteristics:

Overall Length	100'-0" [30.5m]
Travel Length; king pin to tail	55'-4" [16.9m]
Travel Height	13'-8 [*] [4.2m]
Travel Width	11'-11" [3.6m]
Feed Height	5'-5" [1.7m]
Maximum Discharge Height	34'-5" [10.5m]
Minimum Discharge Height	13'-7" [4.1m]

Stockpile Capacities (100 pcf material, 37.5° Angle of Repose):

	3,173 ton / 2,351 yd ³
1° Pile Segment	118 ton / 86 yd ³
90° Pile	13,712 ton / 10,157 yd ³
180° Pile	24,250 ton / 17,963 yd ³
270° Pile	34,788 ton / 25,769 yd ³

Options:

Radial Hopper Rock Box Hopper Oversized Rock Box Hopper Hydraulic Belt Drive **AR Liners Anchor Pivot** Undercarriage Lift Cylinder 7.5 Hp electric / hydraulic power pack Power Travel – 2 Hp electric Power Travel - Hydraulic Pintle hitch **CEMA C Idlers** Impact Idlers (3) Rubber disc return idlers 3 Ply, 330 PIW Belt Vulcanized belt splice Manual Top Folds (Head and Tail)* Hydraulic Top Folds (Head and Tail) Hydraulic Axle Raise Gullwing Axle Planetary Drive for Gull Wing Axle Landing Gear King Pin* Travel Lights* Air Brakes*

*Recommended for Highway Portability

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