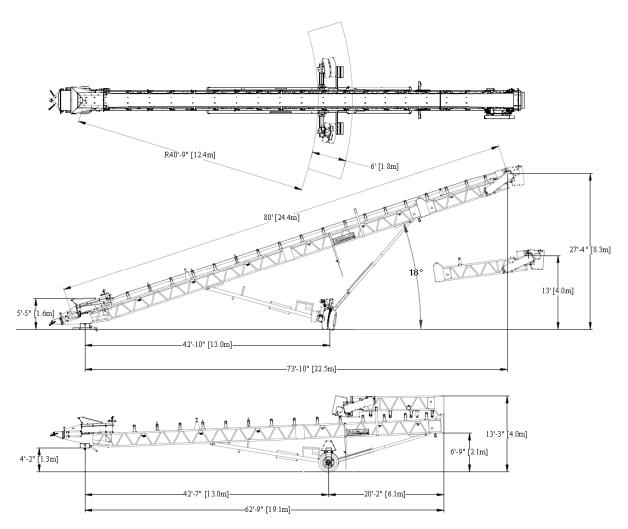


Model 13-3080 Portable Radial Stacking Conveyor Series 13 Spec Sheet



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 single 11:00 – 22.5 tires on swivel wheel boxes

Receiving Trough:

5' 6" long with adjustable rubber flashing

Belt Drive:

- Head end drive
- 500 TPH maximum capacity (100 pcf material)
- Class I TA3203 Dodge shaft mount reducer w/backstop
- 20 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
- 18" 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	80'-0" [24.4m]
Travel Length; king pin to tail	62'-9" [19.1m]
Travel Height	13'-3 ["] [4.0m]
Travel Width	11'-11" [3.6m]
Feed Height	5'-5" [1.6m]
Maximum Discharge Height	27'-4" [8.3m]
Minimum Discharge Height	13'-0" [4.0m]

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

Conical Pile	1,700 ton / 1,259 yd ³
1° Pile Segment	62 ton / 46 yd ³
90° Pile	7,261 ton / 5,378 yd ³
180° Pile	12,822 ton / 9,498 yd ³
270° Pile	18,382 ton / 13,617 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 Vulcanized belt splice Manual Top Fold* (Head end only) Hydraulic Top Fold (Head end only) Gullwing Axle Planetary Drive for Gull Wing Axle Hydraulic Axle Raise Landing Gear

Landing Gear King Pin* Dual Tires* Travel Lights* Air Brakes*

*Recommended for Highway Portability



700 W. 21st Street – P.O. Box 20 Yankton, South Dakota 57078 Phone: (605) 665-8771 FAX: (605) 665-8858

mail@kpijci.com www.kpijci.com

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