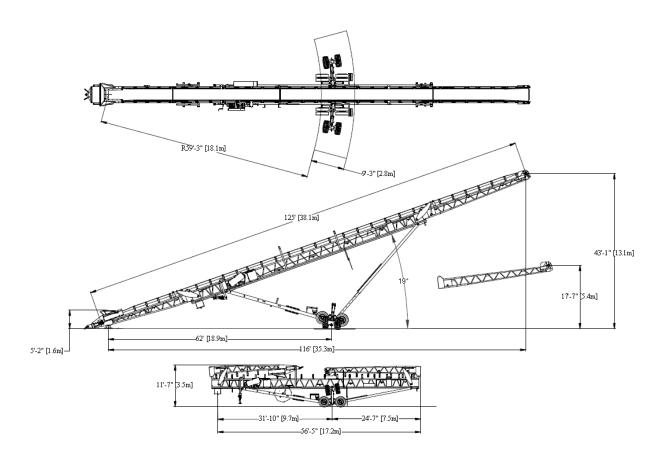


Model 13-42125 Portable Radial Stacking Conveyor Series 13 Spec Sheet



Conveyor Frame:

42" Deep Lattice Frame

Idlers:

All standard idlers are CEMA C - 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 – walking beam axle with dual 11:00 – 22.5 tires
(eight total) on swivel wheel boxes

Receiving Trough:

5' 6" long with adjustable rubber flashing

Belt Drive:

- Wrap Drive
- 1,000 TPH capacity (100 pcf material)
- Class I TA7 Dodge shaft mount reducer w/backstop
- 60 Hp 3/60/460 TEFC electric motor
- V-belt, motor mounts and guards
- 24" dia., 3/8" grooved drive pulley
- 16" dia. smooth snub pulley
- 18" dia. steel drum head pulley
- 16" 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:

3 ply 330 PIW, 3/16" 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	125'-0" [38.1m]
Travel Length; king pin to tail	56'-5" [17.2m]
Travel Height	11'-7" [3.5m]
Travel Width	11'-11" [3.6m]
Feed Height	5'-2" [1.6m]
Maximum Discharge Height	43'-1" [13.1m]
Minimum Discharge Height	17'-7" [5.4m]

Stockpile Capacities

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

Conical Pile	5,975 ton / 4,426 yd°
1° Pile Segment	223 ton / 165 yd ³
90° Pile	26,060 ton / 19,304 yd ³
180° Pile	46,145 ton / 34,182 yd ³
270° Pile	66,230 ton / 49,059 yd ³

Options:

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