


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
- 750 TPH capacity (100 pcf material)
- Class I TA4207 Dodge shaft mount reducer w/backstop
- 30 Hp - 3/60/460 TEFC electric motor
- V-belt, motor mounts and guards
- 18" dia., 3/8" grooved 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:

2 ply 220 PIW, 1/8" x 1/16" cover 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):

Conical Pile 3,173 ton / 2,351 yd³
 1° Pile Segment 118 ton / 86 yd³
 90° Pile 13,712 ton / 10,157 yd³
 180° Pile 24,250 ton / 17,963 yd³
 270° Pile 34,788 ton / 25,769 yd³

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)
- Gullwing Axle
- Planetary Drive for Gull Wing Axle
- Hydraulic Axle Raise
- Landing Gear
- King Pin*
- Walking Beam Axle*
- 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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