


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 yd³
 1° Pile Segment 62 ton / 46 yd³
 90° Pile 7,261 ton / 5,378 yd³
 180° Pile 12,822 ton / 9,498 yd³
 270° Pile 18,382 ton / 13,617 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
- 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
- King Pin*
- Dual Tires*
- Travel Lights*
- Air Brakes*

*Recommended for Highway Portability



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