



Conveyor Frame:

24" 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 - 3/60/230-460 TEFC electric motor
- V-belt, motor mounts and guards
- 16" dia., 3/8" grooved head pulley
- 14" dia. steel wing tail pulley
- 12" 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 70' [21.3m]
 Travel Length; king pin to tail 69'-3" [21.1m]
 Travel Height 13'-3" [4.0m]
 Travel Width 11'-11" [3.6m]
 Feed Height 5'-4" [1.6m]
 Maximum Discharge Height 23'-8" [7.2m]
 Minimum Discharge Height 13'-10" [4.2m]
 Travel Weight (king pin) 3,700 lbs
 Travel Weight (axle) 12,400 lbs

Stockpile Capacities

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

Conical Pile 1,176 ton / 871 yd³
 1° Pile Segment 42 ton / 31 yd³
 90° Pile 4,981 ton / 3,690 yd³
 180° Pile 8,787 ton / 6,509 yd³
 270° Pile 12,592 ton / 9,327 yd³

Options:

Radial Hopper
 Rock Box Hopper
 Oversized Rock Box Hopper
 Hydraulic Drive
 AR Liners
 Anchor Pivot
 Undercarriage Lift Cylinder
 7.5 Hp electric / hydraulic power pack
 Power Travel
 Pintle hitch
 Impact Idlers (3)
 Rubber disc return idlers
 CEMA C idlers
 3 ply, 330 PIW belting
 Vulcanized belt splice
 Manual Top Fold* (Head End Only)
 Hydraulic Top Fold (Head End Only)
 King Pin*
 Dual Tires*
 Travel Lights*
 Air Brakes*
 *Recommended for Highway Portability



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