


Conveyor Frame:

24" Deep Lattice Frame with 3" x 3" x 1/4" chord angles

Idlers:

- All standard idlers are CEMA B – 5" diameter
- 35 degree troughing idlers (3 roll) on 4' spacing
 - 20 degree idlers (3 roll) at feed point close spacing
 - flat steel return idlers (single roll) 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
- 250 TPH capacity (100 pcf material).
- 7.5Hp - 3/60/230-460 TEFC electric motor.
- Class I TA1107 Dodge shaft mount reducer w/backstop
- V-belt, motor mounts and guards.
- 16" dia., 3/8" grooved head
- 14" dia. steel wing tail
- 12" Screw take-up

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..... 40'
 Travel Length; kingpin to tail:..... 39'-1"
 Travel Height..... 10'-11"
 Travel Width..... 11'-10"
 Feed Height 5'-2"
 Discharge Height..... 14'-4"
 Travel Weight (kingpin)..... 2,400 lbs
 Travel Weight (axle) 7,800 lbs

Stockpile Capacities (100 pcf material):

Conical Pile..... 264 ton / 195 yd³
 1° Pile Segment 9 ton / 7 yd³
 90° Pile 1,067 ton / 790 yd³
 180° Pile 1,870 ton / 1,385 yd³

Options:

Radial Hopper
 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
 King Pin*
 Dual Tires*
 Travel Lights*
 Air Brakes*

*Recommended for Highway Portability



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