


**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
- 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
- 14" dia. steel wing tail
- 12" Screw take-up

**NOTE:** 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..... 70'  
 Travel Length; kingpin to tail..... 69'-3"  
 Travel Height..... 13'-3"  
 Travel Width..... 11'-10"  
 Feed Height ..... 5'-4"  
 Discharge Height..... 23'-7"  
 Travel Weight (kingpin)..... 3,700 lbs  
 Travel Weight (axle) ..... 12,400 lbs

**Stockpile Capacities (in tons):**

Conical Pile..... 1,176 ton / 871 yd<sup>3</sup>  
 1 ° Pile Segment ..... 42 ton / 31 yd<sup>3</sup>  
 90 ° Pile ..... 4,981 ton / 3,690 yd<sup>3</sup>  
 180 ° Pile ..... 8,787 ton / 6,509 yd<sup>3</sup>

**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  
 Manual Top Fold\*  
 Hydraulic Top Fold  
 King Pin\*  
 Dual Tires\*  
 Travel Lights\*  
 Air Brakes\*

\*Recommended for Highway Portability



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