



**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
- 15 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 ..... 50' [15.2m]  
 Travel Length; king pin to tail ..... 49'-3" [15.0m]  
 Travel Height ..... 12'-4" [3.8m]  
 Travel Width ..... 11'-11" [3.6m]  
 Feed Height ..... 5'-4" [1.6m]  
 Maximum Discharge Height ..... 17'-5" [5.3m]  
 Minimum Discharge Height ..... 12'-6" [3.8m]  
 Travel Weight (king pin) ..... 3,000  
 Travel Weight (axle) ..... 9,700

**Stockpile Capacities**

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

Conical Pile ..... 474 ton / 351 yd<sup>3</sup>  
 1° Pile Segment ..... 16 ton / 12 yd<sup>3</sup>  
 90° Pile ..... 1,956 ton / 1,449 yd<sup>3</sup>  
 180° Pile ..... 3,438 ton / 2,547 yd<sup>3</sup>  
 270° Pile ..... 4,920 ton / 3,645 yd<sup>3</sup>

**Options:**

Radial Hopper  
 Rock Box Hopper  
 Oversized Rock Box Hopper  
 Hydraulic Drive  
 Self-Contained Power  
 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  
 King Pin\*  
 Dual Tires\*  
 Travel Lights\*  
 Air Brakes\*  
 \*Recommended for Highway Portability



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**NOTE: Specifications are subject to change without notice.**

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