



**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 ..... 60' [18.3m]  
 Travel Length; king pin to tail ..... 59'-3" [18.1m]  
 Travel Height ..... 12'-10" [3.9m]  
 Travel Width ..... 11'-11" [3.6m]  
 Feed Height ..... 5'-4" [1.6m]  
 Maximum Discharge Height ..... 20'-7" [6.3m]  
 Minimum Discharge Height ..... 13'-1" [4.0m]  
 Travel Weight (king pin) ..... 3,100 lbs  
 Travel Weight (axle) ..... 10,700 lbs

**Stockpile Capacities**

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

Conical Pile ..... 772 ton / 572 yd<sup>3</sup>  
 1° Pile Segment ..... 27 ton / 20 yd<sup>3</sup>  
 90° Pile ..... 3,237 ton / 2,398 yd<sup>3</sup>  
 180° Pile ..... 5,701 ton / 4,223 yd<sup>3</sup>  
 270° Pile ..... 8,166 ton / 6,049 yd<sup>3</sup>

**Options:**

- Radial Hopper
- Rock Box Hopper
- Oversized Rock Box Hopper
- Hydraulic Drive
- Self-Contained Power
- 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



700 W. 21<sup>st</sup> Street – P.O. Box 20  
 Yankton, South Dakota 57078  
 Phone: (605) 665-8771  
 FAX: (605) 665-8858  
[mail@kpijci.com](mailto:mail@kpijci.com)  
[www.kpijci.com](http://www.kpijci.com)

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

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