


**Conveyor Frame:**

30" 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 dual 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)
- Class I TA3203 Dodge shaft mount reducer w/backstop
- 15 Hp - 3/60/460 TEFC electric motor
- V-belt, motor mounts and guards
- 16" dia., 3/8" grooved head pulley
- 14" dia. steel wing tail pulley
- 24" 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 ..... 100'-0" [30.5m]  
 Travel Length; king pin to tail ..... 55'-4" [16.9m]  
 Travel Height ..... 13'-8" [4.2m]  
 Travel Width ..... 11'-11" [3.6m]  
 Feed Height ..... 5'-5" [1.7m]  
 Maximum Discharge Height ..... 34'-5" [10.5m]  
 Minimum Discharge Height ..... 13'-7" [4.1m]

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

Conical Pile ..... 3,173 ton / 2,351 yd<sup>3</sup>  
 1° Pile Segment ..... 118 ton / 86 yd<sup>3</sup>  
 90° Pile ..... 13,712 ton / 10,157 yd<sup>3</sup>  
 180° Pile ..... 24,250 ton / 17,963 yd<sup>3</sup>  
 270° Pile ..... 34,788 ton / 25,769 yd<sup>3</sup>

**Options:**

Radial Hopper  
 Rock Box Hopper  
 Oversized Rock Box Hopper  
 Hydraulic Belt Drive  
 AR Liners  
 Anchor Pivot  
 Undercarriage Lift Cylinder  
 7.5 Hp electric / hydraulic power pack  
 Power Travel – 2 Hp electric  
 Power Travel - Hydraulic  
 Pintle hitch  
 CEMA C Idlers  
 Impact Idlers (3)  
 Rubber disc return idlers  
 3 Ply, 330 PIW Belt  
 Vulcanized belt splice  
 Manual Top Folds (Head and Tail)\*  
 Hydraulic Top Folds (Head and Tail)  
 Hydraulic Axle Raise  
 Gullwing Axle  
 Planetary Drive for Gull Wing Axle  
 Landing Gear  
 King Pin\*  
 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)

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