



**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
- 750 TPH 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 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'-6" [5.3m]  
 Minimum Discharge Height... ..... 12'-6" [3.8m]  
 Travel Weight (king pin) ..... 3,600 lbs  
 Travel Weight (axle) ..... 10,100 lbs

**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  
 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.**

Because KPI-JCI may use in its catalog & literature, field photographs of its products which may have been modified by the owners, products furnished by KPI-JCI may not necessarily be as illustrated therein. Also continuous design progress makes it necessary that specifications be subject to change without notice. All sales of the products of KPI-JCI are subject to the provisions of its standard warranty. KPI-JCI does not warrant or represent that its product meet and federal, state, or local statutes, codes, ordinances, rules, standards or other regulations, including OSHA and MSHA, covering safety, pollution, electrical wiring, etc. Compliance with these statutes and regulations is the responsibility of the user and will be dependent upon the areas and the use to which the product is put by the user. In some photographs, guards may have been removed for illustrative purposes only. This equipment should not be operated without all guards attached in their normal position. Placement of guards and other safety equipment is often dependent upon the area and the use to which the product is put. A safety study should be made by the user of the application, and, if required additional guards, warning signs and other safety devices should be installed by the user, wherever appropriate before operating the products.