


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
- 500 TPH maximum capacity (100 pcf material)
- Class I TA4207 Dodge shaft mount reducer w/backstop
- 25 Hp - 3/60/460 TEFC electric motor
- V-belt, motor mounts and guards
- 18" dia., 3/8" grooved head pulley
- 16" 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" 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 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 yd³
 1° Pile Segment 118 ton / 86 yd³
 90° Pile 13,712 ton / 10,157 yd³
 180° Pile 24,250 ton / 17,963 yd³
 270° Pile 34,788 ton / 25,769 yd³

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)
- Gullwing Axle
- Planetary Drive for Gull Wing Axle
- Hydraulic Axle Raise
- Landing Gear
- King Pin*
- Walking Beam Axle*
- Travel Lights*
- Air Brakes*

*Recommended for Highway Portability



700 W. 21ST Street – P.O. Box 20
 Yankton, South Dakota 57078
 Phone: (605) 665-8771
 FAX: (605) 665-8858
mail@kpijci.com
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.