


Conveyor Frame:

30" Deep Lattice Frame with 3" x 3" x 1/4" chord angles

Idlers:

- All standard idlers are CEMA B – 5" diameter
- 35 degree troughing idlers (3 roll) on 4' spacing
 - 20 degree idlers (3 roll) at feed point close spacing
 - Flat steel return idlers (single roll) 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
- 250 TPH capacity (100 pcf material)
- Class I TA2115 Dodge shaft mount reducer w/backstop
- 10 Hp - 3/60/460 TEFC electric motor
- V-belt, motor mount and guards
- 16" dia., 3/8" grooved rubber lagged head
- 14" dia. steel wing tail
- 18" Screw take-up

Belt:

2 ply 220 PIW, 1/8" and 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: 80'

Travel Length; kingpin to tail: 62'-9"

Travel Height: 13'-3"

Feed Height: 5'-5"

Max Discharge Height: 27'-4"

Min Discharge Height: 13'-0"

Stockpile Capacities (100 pcf material):

Conical Pile – 1,700 ton

1° Pile Segment – 62 ton

90° Pile – 7,261 ton

180° Pile – 12,822 ton

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 Fold*

Hydraulic Top Fold

Hydraulic Axle Raise

Gullwing Axle

Planetary Drive for Gull Wing Axle

Landing Gear

King Pin*

Travel Lights*

Dual Tires*

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.