



Low Profile Drive Over Hopper:

Capable of Unloading End Dumps and Belly Dumps, trucks dump into a 10'x6' hopper with a flat bar grate with 6" spacing. Overflow material is swept into hopper with hydraulic pivoting side walls. Hydraulic power for the sidewalls is provided with a 10HP electric/hydraulic power pack located above the king pin. Flow at the hopper is controlled with an adjustable discharge gate.

Undercarriage:

Heavy Duty Truck Frame type with pin-lock adjustment of the conveyor discharge height (7'-10" to 10'-9"). Axle – single axle with dual (4) 11:00 x 22.5 tires. King pin, air brakes, brake and directional lights, and mud flaps. Manual hand crank landing jacks.

Operator's Platform:

The operator's platform is positioned above the unloader belt on the discharge side of the drive over hopper. The platform gives the operator full view of the unloading process and downstream conveyors.

Unloading Conveyor:

1,000 TPH unloading capacity; 8" channel frame conveyor 48" x 50'; dual 15 HP electric head end drives (1800 RPM, TEFC 3/60/460); Class I, Dodge MTA4 shaft mount gear reducer; Backstop is external to the reducer; Screw type take-up; Receiving trough is located under the drive over hopper. Remote grease lines are provided standard.

Diesel Genset (Optional):

JD6068-173 Tier III Engine with 100KW Generator; 7 GPM Hydraulic Pump; 110 Gallon Diesel Fuel Tank (approx. 10 hrs of run time); 30 Gallon Hydraulic Fuel Tank; Stratotube Air Cleaner

Receiving Trough:

Located under the drive over hopper.

Pulleys:

20 inch grooved rubber lagged head pulley and 18 inch steel wing with Dodge bearings

Belt:

Grade 2, 3 ply, 330 PIW, 3/16" x 1/16" covers with a Vulcanized Splice

Idlers:

CEMA C – 5" diameter with sealed for life bearings, Load area idlers are 20 degree picking style load area idlers, 20 degree troughing idlers on 3.5 foot spacing, flat roll return idlers on 10' spacing.

Electrical:

NEMA 4 enclosure with main disconnect mounted on the side of the conveyor; all starters and wiring to motors, start/stop pushbuttons for main conveyor motor and hydraulic power pack. LESS power cable – 460 volt, 3 phase, 60 hertz power required.

Paint:

One coat of primer, finish coat of Beige acrylic

Options:

- Belt Cleaner
- Discharge Hood
- Remote Control
- On-board Diesel GenSet

Physical / Operating Characteristics:

Overall Length:.....	64'-0"
Travel Length; kingpin to tail	62'-5"
Travel Width	11'-11"
Travel Height.....	12'-10"
Discharge Height.....	7'-10" thru 10'-9"
Travel Weight; kingpin.....	15,400 lbs
Travel Weight; axle	19,500 lbs



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

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