



**Low Profile Drive Over Hopper:**

Capable of Unloading End Dumps and Belly Dumps, trucks dump into a 12'x 5 1/2' hopper with a flat bar grate with 6" x 16" openings. Overflow material is swept into the hopper with hydraulic pivoting sidewalls. 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'-8"). 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; 48" x 50' conveyor with heavy duty 8" channel frame; 220 fpm belt speed; dual 15 HP electric head end drives (1800 RPM, TEFC 3/60/460); Class I, Dodge MTA4 shaft mount gear reducer; Backstop is internal to the reducer; Screw type take-up; Receiving trough is located under the drive over hopper. Remote grease lines are provided standard.

**NOTE: Specifications are subject to change without notice.**

**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 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, 20 degree picking style idlers in the load area, 20 degree troughing idlers on 3.5 foot spacing on conveyor, 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'-5"
Travel Length; kingpin to tail .....	62'-5"
Travel Width .....	12'-0"
Travel Height (with Genset) .....	12'-10"
Travel Height (without Genset).....	10'-4"
Discharge Height.....	7'-10" thru 10'-8"
Travel Weight (with Genset); kingpin .....	15,400 lbs
Travel Weight (with Genset); axle .....	19,500 lbs



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.