



### Specifications by Model

	1430-60-20	1430-70-20	1430-80-20	1436-60-20	1436-70-20	1436-80-20
<b>Overall Width (A)</b>	8' - 4"	8' - 4"	8' - 4"	8' - 4"	8' - 4"	8' - 4"
<b>Overall Length (D)</b>	74' - 9"	87' - 1"	96' - 7"	74' - 9"	87' - 1"	96' - 7"
<b>Conveyor Length (F)</b>	60'	70'	80'	60'	70'	80'
<b>Maximum Discharge Height (G)</b>	19' - 8"	23' - 6"	26' - 2"	19' - 8"	23' - 6"	26' - 2"
<b>Hopper Opening (B x C)</b>	16' x 7'-6"	16' x 7'-6"	16' x 7'-6"	16' x 7'-6"	16' x 7'-6"	16' x 7'-6"
<b>Feed Height (E)</b>	12' - 9"	12' - 9"	12' - 9"	12' - 9"	12' - 9"	12' - 9"
<b>Travel Length (H)</b>	60' - 9"	68' - 11"	72' - 4"	60' - 9"	68' - 11"	72' - 4"
<b>Travel Height (I)</b>	13' - 6"	14' - 0"	13' - 10"	13' - 6"	14' - 0"	13' - 10"
<b>Tons Per Hour Capacity</b>	500	500	500	750	750	750
<b>Feeder Belt Width</b>	36"	36"	36"	42"	42"	42"
<b>Feeder Belt Horsepower</b>	15 HP	15 HP	15 HP	20 HP	20 HP	20 HP
<b>Conveyor Belt Width</b>	30"	30"	30"	36"	36"	36"
<b>Conveyor Horsepower</b>	15 HP	20 HP	20 HP	20 HP	25 HP	25 HP

NOTE: Specifications are subject to change without notice.

### **Surge Bin Hopper Feeder:**

The surge bin hopper has a 20 cubic yard capacity. The sides are made of 1/4" steel plate. The top opening is 16' long and 7'-6" wide. The material flow rate of the bin is regulated with a manually adjustable gate in the front of the hopper.

A belt feeder is located underneath the hopper. The feeder has a belt speed of 60 fpm, and it is powered with a gear reducer drive. The head pulley has grooved rubber lagging and the tail pulley is a self cleaning steel wing type. The rate at which material discharges from the hopper feeder is controlled by either a manually adjustable hopper gate or an optional variable frequency drive for the belt feeder.

### **Conveyor:**

The plant conveyor collects material from the surge bin hopper feeder. The conveyor has a 30" deep lattice frame and is powered by an electric head end drive. The lattice frame is supported by an adjustable height undercarriage.

### **Heavy Duty Chassis:**

The portable surge bin utilizes a heavy duty truck type with a fifth-wheel king pin towing hitch at the feed end of the plant. The chassis is supported at the discharge end by a single axle with dual 11:00x22.5 tires.

### **Paint:**

One coat of primer, finish coat of Beige acrylic.

### **Options:**

- Belt Cleaners
- Undercarriage Lift Cylinder
- 7.5 Electric/Hydraulic Power Pack
- CEMA C Idlers
- Feeder Impact Idlers
- Conveyor Impact Idlers
- Rubber Disc Returns
- 3-ply Belting
- Variable Frequency Feeder Drive
- 1/4" AR Hopper Liner
- Hydraulic Top Fold
- Manual Dump Grizzly
- Hydraulic Dump Grizzly
- Grizzly Remote Control
- Landing Gear
- Travel Lights
- Air Brakes



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)

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