

# 33-36150

SuperStacker® Telescoping Conveyor



## Conveyor

- Main conveyor 36" x 80' [914mm x 24.4m]; 70" [1778mm] deep frame
- Stinger Conveyor 36" x 74' [914mm x 22.6m]; 54" [1371mm] deep frame
- Extension – conveyor extends from 80' [24.4m] to 150' [45.7m] overall length

## Idlers

- CEMA B – 5" [127 mm] diameter, 3 roll, 35-degree troughing idlers on 4' [1.2m] spacing with close-spaced 20-degree idlers at feed point, 8' [2.4m] spacing on flat steel return idlers

## Belt

- 2-ply 220 PIW, 3/16" x 1/16" [4.8mm x 1.6mm] covers with mechanical fasteners

## Power

- 850 TPH [771 MTPH] maximum capacity (100 PCF [1.3 tons per cubic meter] material). 1,000 TPH [907 MTPH] upgrade available. Class I Dodge shaft mount gear reducers with backstops, 3/60/230-460 TEFC electric motors, V-belts, motor mounts and guards

Main Conveyor	Stinger Conveyor
30 Hp [22.4 kW]	30 Hp [22.4 kW]
425 FPM [2.2 mps]	630 FPM [3.2 mps]
TA-5 reducer	TA-4 reducer
16" [406mm] dia., 3/8" [9.5mm] grooved head	16" [406mm] dia., 3/8" [9.5mm] grooved head
14" [356mm] dia. steel wing tail	14" [356mm] dia. steel wing tail
Screw take-up	Screw take-up

## Under Carriage

- Heavy duty V-type with hydraulic powered twing cylinder raise, and cylinder covers.
- Axle – Gullwing type axle assembly. Includes walking beam travel axle with eight (8) 11-22.5 tires for road transport. Also includes four (4) fold-down 385/65D-19.5 tires for radial travel. Hydraulic cylinders are an option.
- Dual hydraulic planetary power travel drives, 4-wheel drive is an option.
- Cam-arm style rear undercarriage, to maintain constant wheel radius when raising and lowering the conveyor.
- Center heavy duty tow eye.
- King pin, air brakes, travel, brake and directional lights and mudflaps.

## Receiving Trough and Radial Hopper

- Rock box style hopper – 5' 6" [1.7m] long trough with adjustable rubber flashing

## Anchor Pivot

- Heavy duty anchor pivot plate

## Telescoping Travel

- Hydraulic-powered winch mounted at the tail of the main conveyor with ¾" [19mm] wire rope cable

## Hydraulics

- 10 HP [7.5kW] electric/hydraulic power pack to operate undercarriage lift, power travel drives, and hydraulic winch for telescoping the conveyor. Includes all hydraulic tubing, hoses, gauges, filter and control valves.

## Wizard Touch® Automation

- Wizard Touch Automation is an automated stockpiling control system with an easy-to-use touchscreen interface that allows the user to take advantage of pre-programmed stockpiling capabilities. Includes capabilities for building radial continuous, radical conical, and inline continuous stockpiles.

## Electrical

- NEMA 4 enclosure with main disconnect, mounted on the rear undercarriage member; all starters and wiring to motors; start/stop push buttons for main conveyor motor, stinger conveyor motor, hydraulic power pack motor; cord holders and supports for power cable; LESS power cable – 460 volt, 3 phase, 60 hertz power required

## Options

- Impact Idlers (3)
- Rubber disc return idlers
- CEMA C idlers
- Self-training idlers
- 3-ply, 330 PIW belting
- Vulcanized belt splice
- Wizard Touch Automated Control System
- Remote Control – wireless operates within 1,000' [305m]
- Hydraulic fold-down cylinders for gullwing axle
- Manual landing jacks
- Material flow switch
- 1,000 TPH [907 MTPH] Upgrade
- Belt cleaners
- Hydraulic landing jacks
- Hydraulic tank heater
- Panel heater

## Physical/Operating Characteristics

Dimension	Standard	Metric
Overall Length Fully Extended	150'	45.7m
Travel Length King Pin to Tail	82' 2"	25m
Travel Width	11' 6"	3.5m
Travel Height	14'	4.3m
Feed Height	10'	3.1m
Minimum Discharge Height	19' 11"	6.1m
Maximum Discharge Height	55'	16.7 m
King Pin Travel Weight	26,000 lbs.	11,793 kg
Axle Travel Weight	40,000 lbs.	18,144 kg

## Stockpile Capacities

Dimension	Fully Desegregated		Full Pile	
	Short Tons	Metric Tons	Short Tons	Metric Tons
Conical Pile	4,568	4,144	13,452	12,203
90° Pile	21,676	19,664	59,442	53,925
180° Pile	38,783	35,183	105,432	95,646
270° Pile	55,890	50,703	151,960	137,856



Kolberg-Pioneer, Inc.  
700 West 21st Street,  
Yankton, SD 57078  
1 (800) 542-9311  
mail@kpijci.com  
www.kpijci.com

### NOTE: CONSULT FACTORY FOR EXACT DIMENSIONS, specifications are subject to change without notice.

Because Kolberg-Pioneer, Inc., Johnson Crushers International, Inc. and Astec Mobile Screens, Inc. may use in their catalog and literature, field photographs of their products which may have been modified by the owners, products furnished by Kolberg-Pioneer, Inc., Johnson Crushers International, Inc. and Astec Mobile Screens, Inc. do not warrant or represent that their products meet any 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 area 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 how the product is used. 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.