

33-36190



SuperStacker[®] Telescoping Conveyor



Conveyor

- Main conveyor 36" x 100' [914mm x 30.5m]; 70" [1,778mm] deep frame
- Stinger conveyor 36" x 94' [914mm x 28.7m]; 54" [1,371 mm] deep frame
- Extension – conveyor extends from 100' [30.5m] to 190' [57.9m] overall length

Idlers

- CEMA B – 5" (127mm) 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
40hp [29.8 kW]	40hp [29.8 kW]
425 FPM [2.2 mps]	630 FPM [3.2 mps]
TA-5 reducer	TA-5 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 twin cylinder raise and cylinder covers
- Axle – swing-type axle with six (6) super single tires
- Radial axle – transport axle manually swings to stacking position, hydraulic axle jacks are an option
- Twist and tow hydraulic dual power travel
- Kingpin, air brakes, travel, brake and directional lights, mudflaps
- Heavy-duty center tow eye
- Manual landing jacks

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 end of the main conveyor with ¾" [19mm] wire rope cable

Hydraulics

- 10hp [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 touch screen interface that allows the user to take advantage of preprogrammed stockpiling capabilities. Includes capabilities for building radial continuous, radial 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 pushbuttons 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
- Material flow sensor
- Wireless remote control – operates within 1,000' (305m)
- 1,000 TPH (907 MTPH) upgrade
- Hydraulic axle jacks – for raising the axle, to aid in positioning from road travel to operating position
- Belt cleaners
- Hydraulic landing jacks
- Hydraulic tank heater
- Panel heater

Physical and Operating Characteristics

Dimension	Standard	Metric
Overall Length Fully Extended	190'	57.9m
Travel Length Kingpin to Tail	104' 1"	31.72m
Travel Width	12'	3.65m
Travel Height	14'	4.26m
Feed Height	10' 7"	3.22m
Maximum Discharge Height	14' 11"	4.55m
Minimum Discharge Height	68' 5"	20.85m
Kingpin Travel Weight	36,000lb	16,330kg
Axle Travel Weight	56,000lb	25,400kg

Stockpile Capacities

Dimension	Full Pile	
	Short Tons	Metric Tons
90° Pile	120,000	108,900
180° Pile	211,000	191,400
270° Pile	302,000	274,000

