

# 33-36150

## SuperStacker<sup>®</sup> Telescoping Conveyor



### Conveyor

- Main conveyor 36" x 80' [914mm x 24.4m]; 70" [1,778mm] deep frame
- Stinger conveyor 36" x 74' [914mm x 22.6m]; 54" [1,371 mm] 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<sup>®</sup> shaft mount gear reducers with backstops, 3/60/230-460 TEFC electric motors, V-belts, motor mounts and guards

Main Conveyor	Stinger Conveyor
30hp [22.4 kW]	30hp [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 twin 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
- Kingpin, 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 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
- 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 and Operating Characteristics

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

## Stockpile Capacities

Dimension	Fully Desegregated		Full Pile	
	TPH	MTPH	TPH	MTPH
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

