



Superior 36x136 Low Profile Telestacker Conveyor Unit #1297

#SN 2240559

Conveyor Frame

Truss Design- Heavy-duty truss, designed for maximum strength / weight ratio

Main Conveyor- 80' long with 52" deep truss

Stinger Conveyor- 66' long with 36" deep truss

Extension- conveyor extends to 136' long with hydraulic cable winch

Safety Stop- mechanically stops retraction in the event of cable failure

Containerized- not included

Drive Specifications

Drive- Class I head drive

Gear Reducers- Dodge Shaft Mount

Backstops- installed in reducers

Motors- 40 / (2) 20 HP TEFC

V-Belt Drive- with drive guard

Capacity- 1000 STPH of 100 PCF material, 25 degree surcharge (90% fines, 10% spherical lumps, 6" minus)

Belt Speed- 450/650 fpm

Drive Pulleys- 16" diameter, 3/8" herringbone lagged drum

Tail Pulleys- 14" diameter, CEMA Chevron wing

Shafts- Turned and polished

Bearings- Dodge

Take-ups- Screw type



Portability

Undercarriage- Fully-Braced Undercarriage with hydraulic raise cylinders and covers. 15 HP power unit

Axle Type- FD 40 axle

Transport Axle- (8) 11R-22.5 tires, tandem walking beam. 11'11" travel width

Tag Axle- not included

Compensation Linkage- slip-joint, for raising and lowered of conveyor with wheels in radial position

Radial Axle- (4) 385/65D-19.5 tires on hydraulic outriggers, 18'5" stacking width

Radial Travel- 4 wheel drive with 2 HP planetary on each wheel

Fifth Wheel- included

Anchor Pivot- secures tail end during radial travel

Brakes- complete air brake package

Lights- brake and directional signals

Mud Flaps- installed behind transport wheels

Landing Gear- hydraulic adjustable with control valve and Honda power unit

Towing Eye- adjustable, for pit transport

Conveyor Components

Belting- 3-ply 3/16 x 1/16 330PIW

Belt Splice- factory vulcanized belt splice

Scrapers- Superior Exterra Primary Belt Scraper on main and stinger

Superior Idlers- CEMA C, 5" dia. Steel rolls, sealed for life ball bearings

Idler Seal- Superior Standard SpinGuard Seal

Load Area (main conveyor)- Superior Seal System with 10" cartridges and steel rollers

Trough- 35 degree on 4' spacing



Returns- steel cans on 8' spacing

Self- Aligning- steel can troughing aligner on main / Superior Navigator Trainer on stinger

Radial Hopper- Rock Box style

Gathering Trough- 6' long with adjustable rubber flashing

Controls

Control System- PilePro v12 automation – FD axle, power travel conveyor raise, and stinger extension controlled by PLC parameters or with panel mounted switches, includes Auto-level

PanelView 1000- not included

Slide-track- galvanized c-rail and steel wheels to deliver hydraulic hoses and electrical cords to stinger

Material Flow Switch- SonicScout ultrasonic sensor, stops power travel when belt is empty

Wireless Remote- not included

Zero Speed Sensor- not included

Voltage- 480 V / 3 PH / 60 Hz

Electrical- Enclosure with main disconnect, circuit breaker, and starters with on/off push buttons to control each electric motor and function

Hourmeter- analog meter mounted to exterior of panel

Additional Specifications

Guarding- for drive and tail pulleys, v-belt drive and return idlers. Guards may not meet all local codes; customer is responsible to have guarding inspected

Paint- 1 coat primer, 1 coat finish enamel Superior Beige 12-00619

Guard Paint- safety yellow

Idler Paint- powder coated Superior Orange

Patents- unit included patents

Owner's Manual- (1) copy in English included for operation and maintenance

Sign Plate- RB Scott sign plate installed

