



# 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**

