



Superior 36x136 Low Profile Telestacker Unit #1553

#2706279

Equipment As Follows:

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

Drive Specifications

Drive-Class I head drive

Gear Reducers-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° 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-Included

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

Axle Jacks-not applicable

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 hydraulic driven 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 Click Tensioning Exterra® Primary Belt Scraper on main and stinger

Superior Idlers-CEMA C, 5" dia. 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° trough, steel rolls, on 4' spacing



Returns-flat steel rolls on 8' spacing

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

V-Plow-Not included

Radial Hopper -Rock Box style

Gathering Trough-6' long with adjustable rubber flashing

Controls

Control System-PilePro™ v14 automation - FD axle, power travel conveyor raise, and stinger extension controlled by PLC parameters or with panel mounted switches, includes Auto-Level

Remote HMI-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

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

Voltage-480 V / 3 PH / 60 Hz - 1800RPM

Guarding

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-Superior Class I - 1 coat primer, 1 coat finish enamel (*available colors below)

Guard Paint

Idler Paint-Powder coated Superior Orange

Patents-Unit includes patents

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

Shipping Mode International-Standard domestic shipping-



