

Superior 36" x 136' Low Profile TeleStacker, Unit #952

#1427004

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 (Main / Stinger)

- Drive-Class I head end
- Gear reducers-Dodge shaft mount
- Backstops-installed in reducers
- Motors-40/(2) 20 HP 1800 RPM TEFC
- V-belt drive-with drive guard
- Capacity-1000 STPH of 100 PCF material, 25 degree surcharge (90% fines, 10% spherical lumps 7" minus)
- Belt speed-450/600 fpm

Superior pulleys

- Drive pulleys-16" diameter, 3/8" herringbone lagged drum
- Tail pulleys-14" diameter, CEMA Chevron® wing pulley
- Shafts-Turned and polished
- Bearings-Dodge
- Take ups-Screw type

Portability

- Undercarriage-Patented FB® Undercarriage, with hydraulic raise cylinders, 25 hp pumping unit, and covers
- Axle type-FD 40 axle
- Transport axle-(8) 11R-22.5 tires, tandem walking beam. 11'11" travel width.
- Axle Jacks-not applicable
- Linkage-slip-joint, for raising and lowering 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-wd, 2 HP planetary drive on each wheel

-4% grade

- Fifth wheel-included

- Anchor pivot-counter-balanced swing down, secures tail end for radial travel
- Brakes-complete air brake package
- Lights-brake and directional signals
- Mud flaps-installed behind transport wheels
- Landing gear-one set, control valve, Honda power unit
- Towing eye-fold down, for pit transport

Conveyor Components

- Belting -3 ply, 3/16 x 1/16 330 PIW
- Belt splice -Flexco mechanical steel fasteners
- Scrapers-Superior Exterra® Primary Belt Scraper, on main and stinger
- Superior Idlers-CEMA C, 5" dia. rolls, sealed for life ball bearings
- Load area (main)-Superior Seal System, with 10" cartridges and steel rollers
- Trough-35° 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
- Spray bars-not included

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
- 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

Additional Specifications

- Startup-on-site training not included
- 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
- Idler Paint-powder coated Superior Orange

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

