

2004 Superior 36" X 150' Portable Telestacker Conveyor



F11-36150TS-5761

MAIN CONVEYOR:

- **Truss frame** – 80' long with 70" deep truss and tapered tail section
- **Extra chord angle** – from tail end to head end undercarriage pinning point
- **Adjustable height undercarriage** – 10 HP hydraulic twin cylinder raise
- **Hydraulic raise cylinder covers** – protects cylinders from debris
- **Road portable package** – Superior's Patented FD 50 Axle
 - Travel axle – Eight 11-22.5 tires, tandem walking beam, travel width: 11' 11"
 - Stacking axle – Four 385/65R-22.5 (new recap) tires mounted on independently controlled hydraulic outriggers; stacking width is 18' 5"
 - Includes: fifth wheel hitch, light package, brakes, and mud flaps
 - Power travel – 4 wheel drive with (2) two HP planetary drives
- **Hydraulic landing jacks** - (1) Set of hydraulic jack legs controlled by (1) directional control valve. Hydraulic pump and Honda motor is not included. 15' of additional hose past tail pulley with capped ends, customer to supply and install quick disconnect
- **Anchor pivot plate** – maintains tail end during radial travel
- **40 HP Class I head end drive** – shaft mount reducer, 1800 RPM TEFC motor, v-belt drive. Horsepower upgraded per customer specification.
- **Belt speed** – 400 FPM
- **Radial receiving hopper** – 6' long rock box with adjustable rubber flashing and folding extensions

TELESCOPING CONVEYOR:

- **Truss frame** – 80' long with 54" deep truss with head section
- **Telescoping conveyor** – 80' long to extend the conveyor to 150'
- **40 HP Class I head end drive** – shaft mount reducer, 1800 RPM TEFC motor, v-belt drive. Horsepower upgraded per customer specification.
- **Belt speed** – 600 FPM
- **Telescoping mechanism** - stinger telescopes in and out with a hydraulic cable winch system.
- **Safety stop** – mechanically stops the telescoping conveyor from retracting in the event of a cable failure

CONTROL SYSTEM:

- **Genius system** - hydraulic functions are controlled by PLC parameters inputted by the operator; or may be



manually controlled by switches in the control panel

Included: photo eye switch and sensor to minimize power travel drift on uneven ground.

Control panel includes lockable cover.

- FD Axle
- Power travel
- Conveyor raise and lower
- Extend and retract the telescoping conveyor section
- **Photo-electric material flow switch** - causes power travel to stop when material is not detected on belt

GENERAL SPECIFICATIONS:

- **Capacity** – 1000 TPH of 100 PCF material, 25 degree surcharge (90% fines, 10% lumps 7” minus)
- **Superior pulleys, crown faced**
 - **Drive pulley** – 16” diameter, 3/8” herringbone lagged drum
 - **Tail pulley** - 14” diameter, wing type pulley
- **Shafts** – turned and polished
- **Take up** – screw type mounted at tail terminals
- **Belting** – 3-ply 3/16 x 1/16, 330 PIW with vulcanized belt splice
- **Belt scrapers** – Martin Engineering ClearChoice™, one each on stinger and main
- **Superior CEMA B, 60 series idlers, 5” diameter rolls, sealed for life ball bearings**
 - Loading area idlers –20 deg. trough, 16” spacing on main conveyor only
 - Troughing idlers – 35 deg. trough, 4’ spacing
 - Return idlers – 10’ spacing
- **Backstop** – installed in both reducers
- **Hydraulic Tank Heater** – for cold weather operation
- **Electrical** – motors wired for 575 Volt 60 Hz service, includes enclosure and starters
- **Guards** – for drive and tail pulleys, v-belt drive, loading area, and return idlers. Guards may not meet all local codes; customer is responsible to have guarding inspected.
- **Safety Pull Chords** – both sides, from tail to head of main conveyor, with (2) switches
- **Paint** - 1 coat primer, 1 coat finish enamel painted Superior Orange
- **Idler Paint** – powder coated Superior Orange
- **Owner’s manual** – (2) copies included for operation, maintenance and parts

Added Options to Standard TeleStacker:
4-wheel drive
Hydraulic landing jacks, less pump and Honda motor
1000 TPH upgrade, <i>plus oversize motors</i>
3 Ply 3/16 cover belt
Vulcanized belt splice
Belt Scrapers
Anchor Pivot Plate
Genius package
Photo-electric material flow switch
Startup
Custom options:
Hydraulic tank heater
Folding hopper extension
Lockable control panel cover
E-stop cable and switch on mainframe
Loading Area guarding

Selling Price \$170,000.00

