

## **Superior 36" x 150' PowerStacker Conveyor, Unit #994**

**#SN 1486912**

### **Conveyor Frame**

- Main frame-42" deep truss
- Chord angles-4" x 4" x 1/4"
- Lattice members-2" x 2" x 3/16"
- Extra chord angle-Full length, from tail end to head end undercarriage pinning point

### **Drive specifications**

- Drive-Class II single wrap
- Gear reducer-Dodge shaft mount
- Backstop-installed in reducer
- Motor-60 HP 1800 RPM TEFC
- V-belt drive-with drive guard
- Capacity-850 STPH of 100 PCF material, 25 degree surcharge (90% fines, 10% spherical lumps 4" minus)
- Belt speed-400 fpm

### **Superior pulleys, crown faced**

- Drive pulley-24" diameter, 3/8" herringbone lagged drum
- Tail pulley-16" diameter, MD Chevron® pulley
- Snub pulley-20" diameter, Chevron® pulley
- Head pulley-18" diameter, plain steel drum
- Shafts-Turned and polished
- Bearings-Dodge
- Take ups-Screw type

### **Portability**

- Conveyor splice-hydraulic top folding head and tail
- Undercarriage-Hydraulic raise, with 10 hp electric pumping unit
- Axle type-Superior's Patented FD40 Series Axle
- Transport axle-Eight 255/70R-22.5 tires on walking beam
- Radial axle-Four 385/65R-22.5 tires mounted on hydraulic outriggers.
- Linkage-Not included
- Radial travel-(4) 2 hp planetary drive (4-wd)
- Fifth wheel-for road travel, bolt on design
- Anchor pivot-maintains tail end during radial travel

- Brakes-included with FD axle
- Lights-brake and directional signals
- Mud flaps-included with FD axle
- Landing gear-fold down, hand-crank
- Towing eye-Pintle type hitch

### Conveyor Components

- Belting -3-ply 3/16 x 1/16 330 PIW
- Belt splice -Flexco mechanical steel fasteners
- Belt retainer-retains belt when folding conveyor
- Scraper-Superior Exterra® Primary Belt Scraper
- Return cleaner-Superior V-Plow UHMW blade
- Superior Idlers-CEMA C, 5" dia. rolls, sealed for life ball bearings
- Load area-20° trough, 16" spacing
- Trough-35° on 4' spacing
- Returns-steel cans, on 10' spacing
- Radial hopper-sloped, 5' long, bolt on design
- Gathering trough -5' long with adjustable rubber flashing

### 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.
- Power Supply-480 v / 3 ph / 60 hz
- Panel brackets-for Superior installed electrical panel enclosure
- Cord holders-(1) set bent pipe type
- Electrical-Included
- Paint-1 coat primer, 1 coat finish enamel Superior Beige/Yellow guards
- Idler Paint-powder coated Superior Orange
- Patents-unit includes patents
- Owner's Manual-(1) copy in English included for operation and maintenance

