

Superior 36" x 100' Portable Radial Stacking Conveyor Unit #1066

#1695608

Conveyor Frame

- Main frame-30" deep truss
- Chord angles-3" x 3" x 1/4"

-Bottom Chord upsized between pinpoints to 4" x 3" x 1/2"

- Lattice members-1 1/2" x 1 1/2" x 3/16"

Drive specifications

- Drive-Class I head end
- Gear reducer-Dodge shaft mount
- Backstop-installed in reducer
- Motor-40 HP 1800 RPM TEFC
- V-belt drive-with drive guard
- Capacity-750 STPH of 100 PCF material, 25 degree surcharge (90% fines, 10% spherical lumps 7" minus)
- Belt speed-400 fpm

Superior pulleys

- Drive pulley-18" diameter, 3/8" herringbone lagged drum
- Tail pulley-16" diameter, CEMA Chevron® wing pulley
- Snub pulley-not included
- Head pulley-not applicable
- Shafts-Turned and polished
- Bearings-Dodge
- Take ups-Screw type

Portability

- Conveyor splice-hydraulic top folding head section, with integral belt keeper
- Undercarriage-Hydraulic raise, with 7.5 hp electric pumping unit
- Axle type-Superior's FD20 Series Axle
- Transport axle-(8) 11R-22.5 tires on walking beam with brakes and mud flaps
- Radial axle-(2) 385/65R-22.5 tires mounted on hydraulic outriggers, power travel (requires hyd. raise)

- Radial travel-(2) 2 hp planetary drive (all wheel drive)
- Fifth wheel-for road travel, bolt on design
- Anchor pivot-maintains tail end during radial travel, for 5th wheel
- Brakes-air brakes, complete system
- Lights-brake and directional signals
- Mud flaps-included with FD axle
- Axle jacks-not included
- Landing gear-manual pin adjustment
- Towing eye-Pintle type hitch

Conveyor Components

- Belting-3 ply 3/16 x 1/16 330 PIW
- Belt splice-Flexco mechanical steel fasteners
- Scraper-Superior Exterra® Primary Belt Scraper
- Superior Idlers-CEMA C, 5" dia. rolls, sealed for life ball bearings
- Load area-20° trough, 12-16" spacing
- Trough-35° on 4' spacing
- Returns-steel rolls, 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.
- Voltage-480 v / 3 ph / 60 hz
- Cord Holders-(1) Set bent pipe style
- Electrical-Control panel wired to on board motors
- Panel mount-Factory supplied control panel mount
- Paint-1 coat primer, 1 coat finish enamel Superior Beige/Yellow Guarding
- Idler Paint-powder coated Superior Orange
- Patents-unit includes patents
- Owner's Manual-(1) copy in English included for operation and maintenance



