

# Used Superior 36" x 80' Portable Radial Stacking Conveyor Unit #1105

#SN 1848565

## 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 - 30 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

Head pulley - not applicable

Shafts - Turned and polished

Bearings - Dodge

Take ups - Screw type

## Portability



Conveyor splice - manual top folding head section  
Undercarriage - Manual raise with pin lock adjustment  
Axle type - Telescoping axle  
Transport axle - Dual (4) 11R-22.5 tires and wheels  
Radial axle - manual swivel boxes  
Radial travel - manual  
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 - installed behind transport wheels  
\*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 - not included  
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 and wiring included

Panel mount - Not included

Paint - 1 coat primer, 1 coat finish enamel

Idler Paint - powder coated Superior Orange

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



