



# **Superior 36x40 Portable Radial Stacking Conveyor Unit #1372**

**#SN 2309826**

Equipment As Follows:

Conveyor Frame

Main Frame-24" deep truss

Chord Angles-3" x 3" x 1/4"

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

Containerized-not included

Drive Specifications

Drive-Class I head drive

Gear Reducer-Shaft Mount

Backstop-installed in reducer

Motor-15 HP TEFC

V-Belt Drive-with drive guard

Capacity-750 STPH of 100 PCF material, 25° surcharge (90% fines, 10% spherical lumps, 6" minus)

Belt Speed-400 fpm

Drive Pulley-16" diameter, 3/8" herringbone lagged drum

Tail Pulley-14" diameter, CEMA Chevron® wing

Shafts-Turned and Polished

Bearings-Included

Take-up-Screw type

Portability



Conveyor Splice-one piece frame

Undercarriage-manual raise with pin lock adjustment

Axle Type-fixed width axle, road portable

Transport Axle-Single 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-not included

Lights-brake and directional signals

Mud Flaps-not included

Axle Jacks-not included

Landing Gear-manual pin adjustment

Towing Eye-pintle hitch type

## Conveyor Components

Belting-3-ply 3/16 x 1/16 330PIW

Belt Splice-Flexco mechanical steel fasteners

Scrapers-Superior Exterra® Primary Belt Scraper

Idlers-CEMA C, 5" dia. Steel rolls, sealed for life ball bearings

Idler Seal-Superior Standard SpinGuard® Seal

Load Area-20° trough, 12-16" spacing

Trough-35° on 4' spacing

Returns-steel cans on 10' spacing

Radial Receiving Hopper-sloped, 5' long, bolt on design

Radial Hopper Liner-not included

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

Control Panel Plate-not included

Control Panel-control panel and wiring not included

Paint-1 coat primer, 1 coat finish enamel (\*available colors below)

Guard Paint

Idler Paint-Powder coated Superior Orange

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

#### On-Site Start-up, Training and Warranty Commissioning

- RB Scott will supply a field service technician to complete startup



