



# Superior 36x125 Powerstacker Conveyor Unit #1482

#2465267

## Equipment As Follows:

### Conveyor Frame

**Main Frame**-36" deep truss

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

**Bottom Chord Angles**-Bottom Chord upsized between pinpoints to 5" x 3" x 1/2"

**Lattice Members**-1-3/4" x 1-3/4" x 3/16"

**Containerized**-not included

### Drive Specifications

**Drive**-Class I single wrap-

**Gear Reducer**-Shaft Mount

**Backstop**-installed in reducer

**Motor**-50 HP TEFC

**V-Belt Drive**-with drive guard

**Capacity**- 850 STPH of 100 PCF material, 25° surcharge (90% fines, 10% spherical lumps, 6" minus)

**Belt Speed**-400 fpm

**Drive Pulley**-24" diameter, ceramic lagged drum

**Tail Pulley**-16" diameter, CEMA Chevron® wing

**Snub Pulley**-20" diameter, CEMA Chevron® wing

**Head Pulley**-18" diameter, plain steel drum

**Shafts**-Turned and Polished

**Bearings**-Included

**Take-up-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**-FD40 axle

**Transport Axle**-(8) 11R-22.5 transport tires with brakes and mud flaps

**Radial Axle**-(4) 385/65D-19.5 tires on hydraulic outriggers, power travel (requires hyd. Raise)

**Compensation Linkage**-not included

**Radial Travel**-(4) hydraulic driven planetary (all wheel drive)

**Fifth Wheel**-for road travel, bolt on design

**Anchor Pivot Plate**-maintains tail end during radial travel

**Brakes**-complete air brake package

**Lights**-brake and directional signals

**Mud Flaps**-installed behind transport wheels

**Landing Gear**-2 speed crank-down, fold-up design

**Towing Eye**-pintle hitch type

## **Conveyor Components**

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

**Belt Splice**-Factory vulcanized belt splice

**Scrapers**-Superior Exterra® Primary Belt Scraper

**Return Cleaner**-Superior V-Plow UHMW blade

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

**Idler Seal**-Superior Standard SpinGuard® Seal

**Load Area**-20° trough, steel rolls, 12-16" spacing



**Trough**-35° trough, steel rolls, on 4' spacing

**Returns**-flat steel rolls 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 - 1800RPM

**Cord Holders**-(1) set bent pipe style

**Control Panel Plate**-bracket only for panel and hydraulic levers

**Control Panel**-control panel and wiring included for on board motors

**Hourmeter**-Analog hourmeter included on door of panel-

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

**Guard Paint**-

**Idler Paint**-Powder coated Superior Orange

**Patents**-Unit includes patents

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

**Sign Plate**-RB Scott sign plate installed

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

RB Scott will supply a field service technician to complete startup



