



# Superior 36x150 PowerStacker Conveyor Unit #1497

**#2465271**

Equipment As Follows:

Conveyor Frame

Main Frame-42" deep truss

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

Bottom Chord Angles-Bottom Chord upsized between pinpoints to 6" x 3-1/2" x 1/2"

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

Containerized-not included

Drive Specifications

Drive-Class I single wrap

Gear Reducer-Shaft Mount

Backstop-installed in reducer

Motor-60 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-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 10 hp electric pumping unit

Axle Type-FD40 axle

Transport Axle-(8) 225/70R-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







