



# Superior 36x125 Powerstacker Unit #1320

#SN 2240555

## 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-** Dodge Shaft Mount

**Backstop-** installed in reducer

**Motor-** 50 HP TEFC

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

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

**Belt Speed-** 400 fpm

**Drive Pulley-** 24" diameter, 3/8" herringbone 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 and tail, 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) 2 HP 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. Steel rolls, sealed for life ball bearings

**Idler Seal-** Superior Standard SpinGuard Seal



**Load Area-** 20 degrees trough, 12-16" spacing

**Trough-** 35 degrees 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-** bracket only for panel and hydraulic levers

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

**Hourmeter-** analog meter mounted to exterior of panel

**Paint-** 1 coat primer, 1 coat finish enamel Superior Beige 12-00619

**Guard Paint-** Safety yellow

**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

