

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- slopped, 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

