



Superior 42x125 Powerstacker Conveyor Unit #1578

#2764293

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

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

Drive Specifications

Drive-Class I tandem wrap

Gear Reducer-Shaft Mount

Backstop-installed in reducer

Motor-75 HP TEFC

V-Belt Drive-with drive guard

Capacity-1200 STPH of 100 PCF material, 25° surcharge (90% fines, 10% spherical lumps, 7" minus)

Belt Speed-400 fpm

Drive Pulley-20" diameter, 3/8" herringbone lagged drum

Tail Pulley-16" diameter, CEMA Chevron® wing

Snub Pulley-20" diameter, MD lagged wing pulley

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 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-22.5 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-Flexco mechanical steel fasteners

Scrapers-Superior Click Tensioning Exterra® Primary Belt Scraper

Return Cleaner-Superior V-Plow UHMW blade

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

Idler Seal-Superior Titanium SpinGuard® Seal

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

Trough-35° trough, steel rolls, on 3.5' spacing

Returns-flat steel rolls on 10' spacing

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

Radial Hopper Liner-3/8" AR400 bolt-in liner

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

Paint-Superior Class I - 1 coat primer, 1 coat finish enamel

Guard Paint

Idler Paint-Powder coated Superior Orange

Patents-Unit includes patents

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



