



# Used Superior 36x500 Trailblazer Portable Groundline Conveyor Unit #1176

**#SN 2053520**

## **Conveyor Frame**

Intermediate frame-8"x11.5lb structural channel welded cross members

## **Drive specifications**

Drive-Class I head end, 50HP dual drive

Gear reducer-Dodge shaft mount

Backstop-installed in (1) reducer

Motor-(2) 25 HP 1800 RPM TEFC

V-belt drive-with drive guard

Capacity-1000 STPH of 100 PCF material, 25 degree surcharge (90% fines, 10% spherical lumps 6" minus), 10' lift

Belt speed-400 fpm

Superior pulleys, crown face unless stated otherwise

Drive pulley-30" diameter, 3/8" herringbone lagged drum

Snub pulley-20" diameter, 1/4" smooth lagged FF drum

Tail pulley-18" diameter, MD Chevron® wing pulley

Shafts-Turned and polished

Bearings-Dodge

Take up-Gravity type

- 3-sided fence guarding

Bend pulleys-18" dia., 1/4" smooth lagged MD FF drum

Take-up pulley-18" diameter, 1/4" smooth lagged drum

Take-up weight-included



## **Portability**

Conveyor splice-hinged 10' 6" sections

Lifting eyes-at sections that need assistance

Chassis frame-heavy duty wide flange beam

- dovetail folds for transport

Axle-tandem, dual (8)11Rx22.5 tires

Hitch-fifth wheel

Brakes-complete air brake package

Lights-brake and directional signals

Mud flaps-included

Landing gear-2 speed crank-down

Ratchet straps-(6) 4" x 27' 5400# for transport, unloading and loading conveyor

Supports-2' tall on 21' spacing

Support stand skid-stored over fifth-wheel for transport

Lifting eyes-on support skid

- 12' 6" discharge height

## **Conveyor Components**

Belting -3-ply-3/16x1/16 330PIW

Belt splice -Factory vulcanized splice

Primary cleaner-Superior Exterra™ Primary Belt Cleaner

Secondary cleaner-Secondary not included

Return cleaner-Superior diagonal UHMW blade

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

Load area-20° trough, 16" spacing



Trough-35° on 4' spacing

Returns-steel rolls, on 10' spacing

Self Aligning-50' from ends every 100' after

Self Aligning Return-(3) Superior Navigator® Return Trainer

Receiving hopper-not included

Gathering trough -with adjustable rubber flashing

Emergency Stop -both sides, (1) switch per 100' each direction, with coated cables and eyes.  
Customer responsible for mounting on site

#### **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.

Toolbox-Included

Electrical-Control panel and wiring included

Power supply-460v / 3 ph / 60 Hz

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

Guard Paint-Safety Yellow

Idler Paint-powder coated Superior Orange

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