



## Superior 42x70 Slide-Pac Conveyor System Unit 1576

#2753910, 911, 912

Equipment As Follows:

Conveyor Frame - No top cross lattices

Trailer Unit (TRL)

Main Frame - 30" deep truss

Top Chord Angles - 4" x 3" x 3/8"

Bottom Chord Angles - 4" x 4" x 5/16"

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

Middle unit (TRL) and  
Top unit (TOP)

Main Frame - 30" deep truss

Top Chord Angles - 4" x 3" x 3/8"

Bottom Chord Angles - 4" x 4" x 5/16"

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

Roller Assembly - Single set on head end for easy loading and unloading

### Drive Specifications

Drives - Class I head drive

Gear Reducers - Shaft Mount

Backstops - installed in reducer

Motors - 30 HP TEFC

V-Belt Drive - with drive guard

Capacity - 1200 STPH of 100 PCF material, 25° surcharge (90% fines, 10% spherical lumps, 6" minus)

Belt Speed - 400 fpm



Drive Pulley - 18" diameter, 3/8" herringbone lagged drum

Tail Pulley - 14" diameter, CEMA Chevron® wing

Shafts - Turned and Polished

Bearings - Included

Take-up - Screw type

Portability

Conveyor Splice - one piece frame

Towing Eye - pintle hitch type

Trailer Unit (TRL)

TRL V type axle – 10' 6" adjustable discharge height, walking beam axle, non-swiveling dual 11R-22.5 wheels and tires

Support Legs - Adjustable height folding legs

Fifth wheels - Fifth wheel hitch

Brakes - complete air brake package

Lights - brake and directional signals

Mud Flaps - installed behind transport wheels

Middle Unit (MID)

MID Strut Axle - 10' 6" adjustable discharge height, non-swiveling single 11R-22.5 Ag wheels and tires

Top Unit (TOP)

TOP Strut Axle - 12' 3" adjustable discharge height, non-swiveling single 11R-22.5 Ag wheels and tires

Fold down legs - Fixed height legs for Mid and Top Unit

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

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

Mounting - Recessed inside frame

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 12' spacing

Skirting Extension - 5' long, 10" high, hinged, with 1" round bar for material shelf

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 - not included

Control Panel Plate - bracket only for panel

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

Control Voltage -24 DC

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

Guard Paint - Yellow

Idler Paint - Powder coated Superior Orange

Hour Meter - Hour meter included in Control Panel





