



SELF-UNLOADING Conveyor Trailer

Smooth side walls offer superior aerodynamics with increased fuel economy plus a cleaner and better appearance.

Riveted construction allows trailer to flex to varying surfaces.

Smooth sides allows for application of graphics or decals.

Black poly tarp stand offs to protect side wall finish.

Roller/Receiver to align latches when trailer is on uneven surface.

Adjustable door hinges for continual door fit.

Stainless Steel Front Corner Radius Panels.

Double wall construction promotes insulating properties.

Adjustments to chain tensioner made easily and accessible at the lower front sill.

Sturdy Landing Gear supports and braces.

Completely enclosed flat floor pan under chain/conveyor – retains high moisture product and extends floor liner life.

Three ply rubber flaps attached to extruded aluminum crossbars and two strand chain. Flaps develop large pockets to positively grip product – ensures against bridging of product.

Hinged aluminum door and frame protects hydraulic components from the elements.

Easy-enter ladder and grab handles inside and outside.

Premium stainless De-Sta-Co safety latches ensures tight door seal and supports lower door corners.

A slick 3/16" HMW side liner overlying the diagonal slope sheet ensures unloading of sticky product. Free floating 1/4" abrasive resistant UHMW floor liner expands and contracts with ambient temperature changes, extending floor liner life.

23:1 ratio planetary drive driven by hydraulic motor.

Full width aluminum dust shield and mud flap protects brakes, wheels and suspension area from product and debris buildup.



YEAR AROUND VERSATILITY – Realize the Patriot's full hauling potential from season to season!



Ag Lime



Compost materials



Cotton Seed



Seed Corn



Corn Gluten

These are only but a few of the many products that can be hauled with the Patriot – See your Authorized Wilson Sales Representative!

The Patriot offers a smooth aerodynamic side wall design that reduces wind drag, increases fuel economy, and makes the trailer easier to pull. Lightweight and long-lasting aluminum construction allows for greater payloads, resists rusting, and is easier to maintain.





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Belt Width Options

Conveyors are available in 30", 36", 42", & 48" widths, each designed specifically to unload whatever products you intend to haul.

Additionally, the ultra slippery HMW side liners on the diagonal slope sheets provide quick and smooth unloading of

even the stickiest of products. An optional UHMW liner is also available for abrasive products like gravel. The standard UHMW free floating floor liner under the chain is designed to expand and contract freely with ambient temperature changes, extending the floor liner life. Larger diameter drive sprockets with additional teeth offers better chain engagement, assuring longer service of the conveyor chain and drive components.



Popular Options



Wet Seal on Slide-up Gate



Aluminum Grain Funnel with optional Product Deflectors



Fabric Grain Funnel includes aluminum storage box



Removable Aluminum Side Extensions



Flex Bows



Product Deflectors



Wiper Blocks



Rear Facing Spot Lamps



5 H.P. Electric/Hydraulic Unload System



20 H.P. Gas Unload System



Hydraulic Hoses



Interior Light

PATENTS: This vehicle is constructed under one or more of the following U.S. or Canadian patents: 329967, 2970861, 202879, 4153289, 4293158, 4277096, 4305694, 1105526, 4114944, and 4437699.

NOTICE: All visual representations, dimensions, and specifications contained in this literature are based on the latest product information available at time of publication approval. The right is reserved to make changes in materials, equipment, design, specifications, and models; and to discontinue models.

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Door Options

The Patriot offers several door options, each with its own distinct advantages. The Side Swing Door with Hydraulic Lower Flip-up portion allows either the whole rear of the trailer to be open or the lower portion to direct flow of bruise sensitive products.

Hydraulic Top Hinge doors in several designs eliminate manual operations and allows unloading in confined areas. An optional hydraulic slider gate or lower flip-up portion can also be integrated.

The "Spud" door features a flip-up lower portion for unloading. The fold-down upper piler door allows a piler to load into the trailer through the rear. Conveniences include spring loaded slam-latches on the piler door that operate from the ground, easy access ladder and electric controls located within easy reach of the operator.

If high moisture products are intended to be hauled, a wet seal on the slide-up gate is available, sealing directly on the floor pan.

Ask a Wilson Sales Representative to assist you in determining the right door for your needs.



Hydraulic Top Hinge Door with Hydraulic Slide-up Gate



Cathedral Door and Optional Stainless Steel.



Side Swing/Hydraulic Flip-up



Spud Door/Upper Piler Door Plus Optional Tail Fin Extensions.



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