

GRAIN TRAILERS by WILSON TRAILER



Wilson Quality Aluminum Double Wall Hopper Bottom Trailers





We recognize the needs of today's hauler and make the most sought-after features standard on our trailers. Check out the many advantages below to see how a Wilson is your best value.

DWH-600 Pacesetter 42' long, 96" wide with 72" sides.



Wilson's two-piece lower hopper is standard with 2 stiffeners per side, plus corner bracing for a stronger hopper less prone to the bulge and sag which causes rivets to loosen and pop. The stiffeners also serve as handy knock rails for sticky product.



Side vent ports, positioned between each set of side posts, allow the sides to breathe, extend the life of the side wall, and also serve as a useful inspection source.

Even though our trailer models are subjected to strenuous testing at a test track before they are marketed, the ultimate evaluation is the continuous "field-testing" performed by our customers. Whenever and wherever you need it, the Wilson Pacesetter is designed to deliver the tested-tough durability you can count on.



The smooth side-to-front corner radius design on the Pacesetter model, made of polished stainless steel, adds to the trailer's stylish looks, making the trailer aerodynamically more efficient and helping to minimize your cost per load.



Wilson is standard with aluminum landing gear braces. Bracing the landing gear to the "C" channel and not the slope sheet adds obvious strength. Also, bracing from the rear reduces obstacles for truck mud flaps to catch on and allows for greater swing clearance.



The sides are fastened using larger diameter rivets with 50% larger heads to produce a greater, more desirable shear strength. Combine this with the uniqueness of Wilson's one-piece inside and outside wall skins and a state-of-the-art maximum side strength design is created.

The smooth one-piece side skins, with corrugations running the full length of the trailer, make the trailer more streamlined – Reducing the drag yields more miles per gallon. The one-piece skin also provides greater strength and flexibility in and out of the field. It is available on 66" and 72" side heights. Splice sides are available as a popular option.

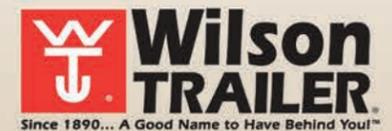
Lightweight and secured aluminum roof bow binder bars enhance the trailer's already-present brute strength versus loose steel binder bars that are prone to move and vibrate, causing premature tarp wear. (Removable tarp bows are an available option.)



Shift Your Operation into **HIGH GEAR!** with a quality grain trailer from Wilson.

DWH-600C Commander 43' long, 96" wide with 66" sides.

The Wilson Commander is the first double wall aluminum grain trailer with a sloped front and rear. It is available in all lengths, both widths and all suspension configurations. By owning a Commander, you'll experience the reliability of a proven and tested design, rather than the trials of others attempting to duplicate it.





MORE
STANDARD
FEATURES



Designed with low maintenance in mind, Wilson uses a dependable sealed wiring system backed by the industry's best warranty. No excess or exposed wiring – It's sealed and protected!



Wilson's two-piece hopper design does not require any cross bracing. It unloads smoothly, quickly, and cleanly, plus the interior seal against the trap door keeps grain in and moisture out.



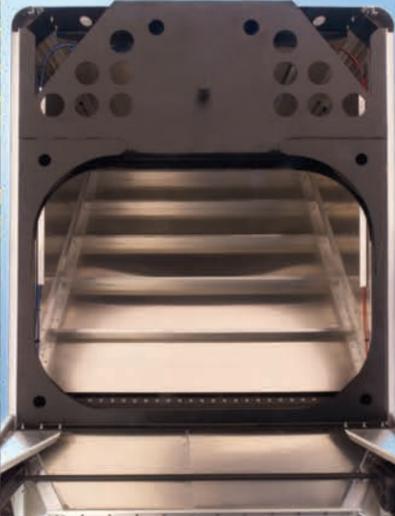
Wilson's larger tandem tubes, identical in size, provide more strength in the suspension area. The tubes are under coated inside and vented to inhibit corrosion. All metal parts are coated with an anti-corrosive metal treatment. For additional protection between dissimilar metals, Wilson adds a polymer material barrier to the connection areas of the assembly.



Wilson's deeper front/rear channels add strength to the trailer's design.

Long-lasting LED lights are standard for all applications of the tail, turn, and clearance trailer lights.

Open King Pin Design



Wilson's open king pin area is designed to transfer the weight of the trailer's load to the outside rails. The built-in strength of Wilson's design eliminates the cross bracing and an "X" brace which would otherwise collect debris, add weight, and lead to corrosion.

Cleaning and maintenance are easily performed with Wilson's unobstructed access to the nose area, plus there is more clearance for truck frames when maneuvering over raised areas or in and out of a field.

All metal king pin components are coated with an anti-corrosive metal treatment, plus a polymer material barrier between dissimilar metals.

INSIDE SKIN



King Pin Area



Standard on all Wilson Grain Trailers!



Suspension Area

Full-length skin on the inside walls eliminates areas for material build-up that would otherwise add unnecessary weight in the suspension and king pin areas. The full-length inside skins play an important part in the structural integrity of the trailers – Structural integrity that is standard on every Wilson grain trailer.



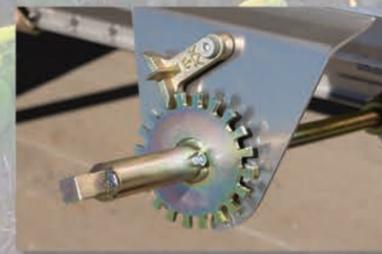
ORIGINAL – STANDARD



Since its introduction in 1996, the Roller Strap Trap™ remains the industry's most uncomplicated, easiest to use and maintain trap opener today!

The original Roller Strap Trap™ by Wilson Trailer is the industry's easiest to use trap opener and a standard feature on all Wilson grain trailers. The clean and easy-to-maintain design is not complicated with gearboxes or complex hydraulics that add weight, cost and other potential difficulties.

Twin sets of flexible straps pull the trap door open and closed with little effort. The door rides on 2"



ceramic glass poly rollers with stainless steel hucks – No bearings to seize up and replace. The stainless steel trap frame and aluminum door put an end to corrosion concerns, plus there are virtually no obstructions below the frame, which means "true" ground clearance for auger use with less interference.

Eliminating the rack-and-pinion system and gear box helps to reduce the weight of a hopper equipped with standard-sized traps by as much as 85 lbs. Also, because a heavy rack-and-pinion casing is unnecessary, the clearance for a swing auger is increased.

Steel parts are plated with zinc chromate to resist corrosion.



Optional RRP – Roller Rack & Pinion



RRP traps with 2-speed gear boxes are used for larger sized doors, metering fertilizer and seed, and hauling sand and aggregate.



RRP traps with direct drive are used for smaller doors and ag commodities. (Shown with standard steel door. Optional aluminum & stainless steel doors are available)

Optional Hydraulic Trap Opener



Add the convenience of hydraulic power to your grain trailer with the HydroTrap™ trap opener. The opener's 12-Volt hydraulic motor and reservoir are safely tucked away into the trailer's apex and it can be operated by either controls mounted along the side rail or via the multi-function remote – Gage the flow of grain out of the trap, open the trailer's tarp plus other functions directly from the cab of your truck. ■ Emergency manual open is accomplished with a simple pull of two pins. ■ Absolutely the best ground clearance for sweep augers.





SUPERLITE

Achieve Super-Light Weights by Adding Lightweight Aluminum Options. Depending on Configuration, Trailer Weights Can Be Near 7,500 Pounds!

Aluminum Option	Approx. Weight Savings
Aluminum King Pin	235 lb.
Aluminum Tandem Sub-Frame.....	390 lb.
(4) Aluminum Wheels/Wide-based Tires	400 lb.
Aluminum Drop Leg Landing Gear	110 lb.
Duralite Hubs and Centrafuse Drums.....	100 lb.

Also available in tri-axle configurations!



▶ Wilson's Aluminum "C" Style Sub-Frame

◀ Wilson's Aluminum King Pin saves weight, maintains a clean, open design and evenly transfers the load weight to the outside rails.

The open design eliminates the need for cross braces and an "X" brace.

A securely mounted UHMW lube plate is included with the aluminum king pin option.

▶ Wilson's Aluminum "I" Style Sub-Frame



TRI-AXLE CONFIGURATIONS

Weight restrictions and allowances vary greatly from state to state and country to country; therefore, when specifying a new trailer, it is very important to match the correct suspension to the type of load. Check with your local government for allowable weight limits. To the right are two popular tri-axle suspension configurations. Call your Wilson Sales Representative for the configuration that works best for you.



DWH-600 Pacesetter 50' long, 96" wide, 72" sides
Dual-Dual-Single Non-Equalizing Rear Lift (with Dial-Down) – 10'-2" Spread with 73" axle spacing between the center and rear axle.



DWH-600 Pacesetter 50' long, 96" wide, sides 72" (Optional 2 rows of 9 lights)
Dual-Dual Fully Equalizing Rear Lift – 9'-7" spread with two 57-1/2" axle spacings.



Order Your New Wilson Grain Trailer Outfitted with Factory-Installed Shur-Co® Power Options*

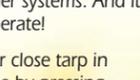


Order one or all of these reliable power options from Shur-Co® and control them with a single Shur-Co® SMART-touch remote!

Shur-Co's patented SMART2™ offers industry-leading two-way communication in a digital display. It features Express Mode capability – a huge improvement over the amp-limited functionality of other systems. And it's so easy to operate!

Fully open or close tarp in Express Mode by pressing one button on the trailer-mounted control box. Stop the system at any time with simple one-button control. Both control box and remote automatically work in Express Mode after travel stops are set.

Shur-Co's basic SMART3™ remote also offers Express Mode capabilities.



Put the light where you need it most with a LiteALL™ LED Work Light Kit. Run it off the same SMART-touch remote as your tarps and traps!

The cleaner, faster, safer way to unload grain!

ProTrap® slides hopper doors open while the operator stays back, out of the dust. All-metal gears and housing handle the hard stops. High-efficiency planetary gear reduction and breaker circuit at the battery protect the motor without unreliable, easily damaged limit switches. Motor carries a 3-year non-prorated warranty and 250 foot pounds of torque.



Maximum clearance. Maximum value.

(31" Roller Rack & Pinion Doors)

MaxxTrap™ lets you gain more swing auger clearance with less weight in your grain applications. The through-shaft motor with right-angle 2-stage gearbox is mounted directly to the curb side trap opener rail. Its spring-loaded locking pin allows the shaft to rotate freely for manual operation from the driver's side. (A 45" manual crank is included.) Driver's side controls for each hopper are mounted below the lower trailer rail in a moisture-resistant box. Motor carries a 3-year non-prorated warranty and 220 foot pounds of torque.



Talk to your authorized Wilson Sales Representative for more information or go to www.shurco.com.



The best-performing electric tarp on the market!

Shur-Co's 4500 Series HD electric tarp features a powerful American-made motor with all-metal gearbox and an incredibly reliable magnetic break. No electrical connections to misfire!

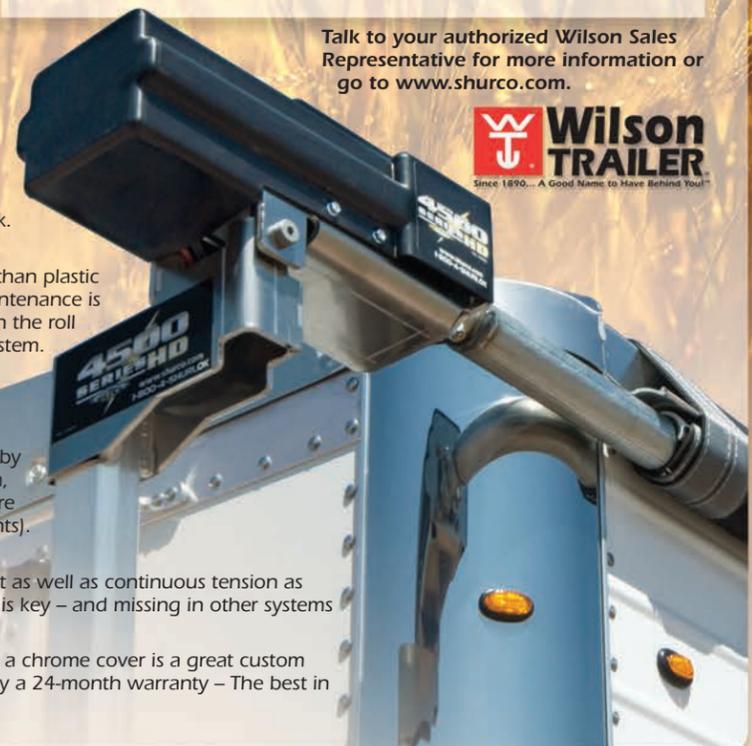
The all-steel motor casing is stronger and more durable than plastic casings. Its no-chain-drive design means less motor maintenance is needed. Patented dual-pivoting motor mount flexes with the roll tube to prevent tube misalignment from stressing the system.

The universal mounting bracket matches the trailer's rib-and-rivet spacing. Four spiral-spring returns, front and back, move the tarp smoothly over loads.

Heavy-duty arms test strongest in the industry – backed by a lifetime warranty. Made of rugged extruded aluminum, arms are pre-assembled and engineered to drain moisture (prevents corrosion of elbow and attachment components). Arms are inset to not obstruct clearance lights.

A patented spring-reinforced flexible elbow adds support as well as continuous tension as tarp rolls in either direction. That 'spring-reinforced' part is key – and missing in other systems on the market. It keeps the hose from collapsing.

The 4500 Series HD motor casing is standard in black or a chrome cover is a great custom option to consider. The DiamondCore™ tarp is backed by a 24-month warranty – The best in the industry.



* Shur-Co is an independent manufacturer of after-market products that can be installed on the Wilson Grain Trailer.

Hopper Options



▲ Based on a 48 1/4" fifth wheel height, Wilson's Standard Clearance Hopper offers 17" of clearance or choose between the optional Intermediate at 19" and the Ag Hopper for a 'true' high ground clearance of 21". When comparing manufacturers, make sure you are getting a true measure for ground clearance.



Full-width belting between landing gear legs



48" wide one-piece mud flap in front of rear trap mounted to stiffener



Inside Hopper Round Bar Ladder



Rear Chute for Third Hopper



Hopper Vibrators

Light Options



Recessed Stop/Turn Lights in Rear Header - Standard

▶ Chrome Trim Rings and Clear LED - Optional



Mounted Stop/Turn Lights on Rear Header - Optional



Micro Nova Stop/Turn Lights on Rear Header - Optional

▶ Reverse Lights - Optional



◀ Micro Nova Lights - Standard

Front & Rear End Options



Stainless Steel Front



Stainless Steel Rear



I.C.C. Bumper



Fold-Down Rear Ladder



Vent Cap with Roll Return



Rear Tarp Vent Cap



Tarp Vent in False Header



Front Mud Flap Bracket



D-Rings



Double Rear Doors



Pintle Hitch

Suspensions



Wilson offers a variety of suspension configurations; tandem, spread axle, tri-axle and quad axle. Talk with your Authorized Wilson Sales Representative about which suspension will work best for you.



Side Window

Vertical Splice Walls

In addition to the one-piece side wall, Wilson offers vertical splice walls on 49" centers for the Pacesetter and Commander models. Talk to your Wilson Sales Representative to specify on your order.



▲ Protect your trailer from road spray and grime, plus keep your suspension area cleaner with Wilson fender options. Fender styles include Quarter, Full and Individual; material options include stainless steel, extruded aluminum or Polyethylene.



Additional Models



Pacesetter Straight Floor Trailer



Pacesetter Quad Axle Trailer with Gunmetal Sides



Pacesetter with Spread Axle with Front Lift Axle and Black Sides



Pacesetter with Pewter Metallic Sides

Wilson Trailer designs and builds a variety of versatile commodity trailers. Whether hauling grain, mulch or even aggregate, the most advanced hauling equipment can be found with the Pacesetter and Commander lines of Wilson Trailer.



Pacesetter Triple Train with Pewter Metallic Sides



Pacesetter A-Train Doubles with Polished Stainless Steel Sides

Capacities

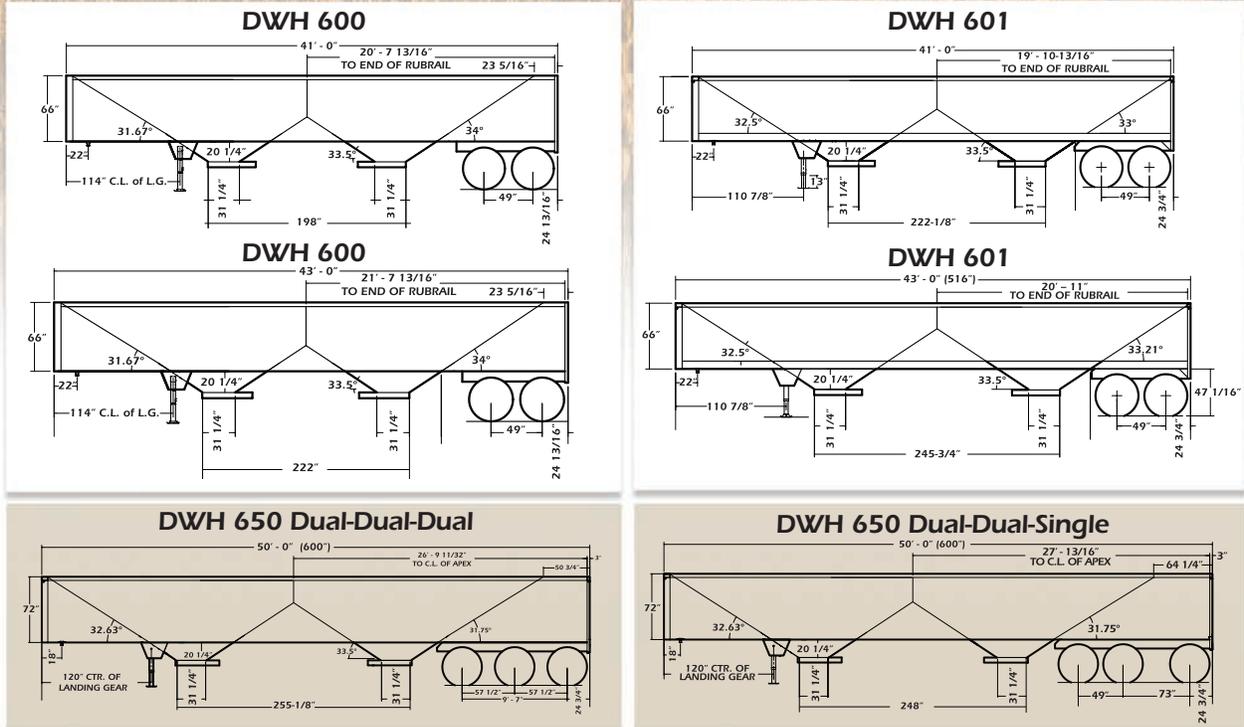
Trap Size/Style*	Trailer Size LxWxH	Water Level		Heaped 10"	
		Cu. Ft.	Bushels	Cu. Ft.	Bushels
27"x31"/ AG	34'x96"x66"	1,151	925	1,264	1,016
27"x31"/ AG	34'x96"x72"	1,265	1,017	1,396	1,122
27"x31"/ AG	37'x96"x66"	1,261	1,013	1,404	1,128
27"x31"/ AG	37'x96"x72"	1,366	1,098	1,509	1,213
27"x31"/ AG	39'x96"x66"	1,267	1,018	1,412	1,135
27"x31"/ AG	39'x96"x72"	1,384	1,112	1,530	1,229
27"x31"/ STD	41'x96"x66"	1,399	1,124	1,532	1,231
27"x31"/ AG	41'x96"x66"	1,311	1,053	1,464	1,176
27"x31"/ STD	41'x96"x72"	1,519	1,220	1,672	1,344
27"x31"/ AG	41'x96"x72"	1,445	1,161	1,599	1,285
27"x31"/ STD	41'x96"x78"	1,702	1,368	1,852	1,488
27"x31"/ AG	41'x96"x78"	1,620	1,301	1,778	1,429
27"x31"/ STD	43'x96"x66"	1,437	1,155	1,594	1,281
27"x31"/ AG	43'x96"x66"	1,351	1,085	1,508	1,212
27"x31"/ STD	43'x96"x72"	1,587	1,275	1,749	1,405
27"x31"/ AG	43'x96"x72"	1,500	1,205	1,662	1,335
27"x31"/ STD	43'x96"x78"	1,769	1,422	1,936	1,555
27"x43"/ STD	43'x96"x72"	1,630	1,310	1,792	1,440
27"x43"/ AG	43'x96"x72"	1,579	1,269	1,741	1,399
27"x43"/ STD	43'x96"x78"	1,813	1,456	1,979	1,590
27"x43"/ AG	43'x96"x78"	1,734	1,393	1,900	1,527
27"x43"/ STD	43'x96"x84"	1,983	1,593	2,150	1,727
27"x43"/ AG	43'x96"x84"	1,905	1,530	2,072	1,665
27"x43"/ STD	45'x96"x78"	1,888	1,517	2,062	1,657
27"x43"/ AG	45'x96"x78"	1,796	1,443	1,971	1,583
27"x43"/ STD	45'x96"x84"	2,059	1,654	2,234	1,795
27"x43"/ AG	45'x96"x84"	1,968	1,581	2,143	1,722
33"x31"/ AG	34'x102"x72"	1,352	1,086	1,493	1,200
33"x31"/ AG	41'x96"x66"	1,321	1,062	1,451	1,166
33"x31"/ AG	41'x102"x66"	1,405	1,129	1,544	1,241
33"x31"/ STD	43'x102"x66"	1,537	1,235	1,705	1,369
33"x31"/ AG	43'x102"x66"	1,444	1,160	1,612	1,295
33"x31"/ STD	43'x102"x72"	1,694	1,361	1,867	1,500
33"x31"/ AG	43'x102"x72"	1,601	1,286	1,773	1,425
33"x43"/ STD	43'x102"x78"	1,936	1,555	2,114	1,698
33"x43"/ AG	43'x102"x78"	1,857	1,492	2,036	1,636
33"x43"/ STD	43'x102"x84"	2,117	1,701	2,296	1,845
33"x43"/ AG	43'x102"x84"	2,027	1,629	2,206	1,772
33"x43"/ STD	45'x102"x78"	2,017	1,621	2,203	1,770
33"x43"/ AG	45'x102"x78"	1,924	1,546	2,111	1,696
33"x43"/ STD	45'x102"x84"	2,202	1,769	2,390	1,920
33"x43"/ AG	45'x102"x84"	2,104	1,691	2,292	1,840
Tri-Axle Spec					
Dual-Dual Single					
33"x31"/ AG	50'x96"x72"	1,583	1,272	1,758	1,413
Dual-Dual-Dual					
33"x31"/ AG	50'x96"x72"	1,591	1,278	1,769	1,420

* AG = Ag Hopper. STD = Standard Ground Clearance
 Volumes were calculated using a 114" landing gear and a 49" spread tandem. Additional side heights of 90", 96", and 102" as well as tri-axle and spread axle configurations are available.

A 601 model will add 5.5% in volume (for example: a 41'x96"x66" (two axle configuration only) with a 27"x31" AG trap would have a water level volume of 1,383 Cu. Ft. and a heaped volume of 1,545 Cu. Ft.).
 Ask your authorized Wilson Sales Representative for capacity information on any additional sizes.



Dimensions



Other configurations are available. Ask your Authorized Wilson Trailer Sales Representative.

Available Lengths, Widths and Heights

Here are a few of our popular side heights.



LENGTH: Available in 18 Ft. through 53 Ft.

WIDTH: Outside overall: 96" nominal; 92" inside width. Outside overall width: 102" nominal; 98" inside width available as an extra cost option.

HEIGHT: Available in nine side heights: 66", 72", 78", 84", 90", 96", 102", 108", and 114". Overall heights: 66" side = 126.5", 72" side = 132.5", 78" side = 138.5", 84" side = 144.5", 90" side = 150.5", 96" side = 156.5", 102" side = 162.5", 108" side = 168.5", & 114" side = 174.5" based on 48-1/4" fifth wheel height and 10" rise on tarp supports.

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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