



GRAIN TRAILERS by WILSON TRAILER



Wilson Quality Aluminum Double Wall Hopper Bottom Trailers



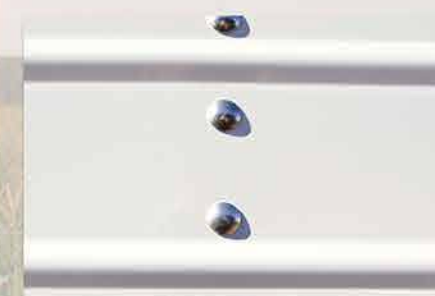


STANDARD FEATURES

DWH-500 PaceSetter 43' long, 96" wide with 66" sides. Shown with optional mud flap ahead of rear hopper and 2nd row of 5 lights in standard location.



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.



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 binder bars that are prone to move and vibrate, causing premature tarp wear.



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.

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.



It's not an imitation when the brand is Wilson Trailer



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.



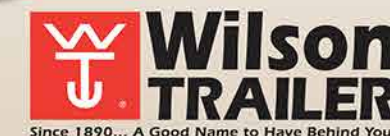
Wilson is standard with aluminum landing gear braces. Bracing the landing gear to the "C" channel and not the slope sheet adds obvious strength. Also, bracing from the rear reduces obstacles for truck mud flaps to catch on and allows for greater swing clearance.

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



DWH-500C Commander
41' long, 96" wide with 72" 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 undercoated inside and vented to inhibit corrosion. All metal parts are coated with Corsol™ 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 Corsol™ anti-corrosive metal treatment, plus a polymer material barrier between dissimilar metals.



ORIGINAL – PATENTED 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 patented and 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 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. Wilson is the best brand for innovation and value. Talk to your nearest authorized Wilson Sales Representative to get all the details.



Maintain proper strap tension with easy-to-access screw adjustments. Slotted bearing mountings simplify removal for servicing.



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.



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.

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 door is available)



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-500 Pacesetter 50' long, 96" wide, 72" sides
Dual-Dual-Single Non-Equalizing Rear Lift – 10'-2" Spread with 73" axle spacing between the center and rear axle.



DWH-500 Pacesetter 50' long, 96" wide, sides 72" (Optional 2 rows of 9 lights)
Dual-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 great and reliable power options by Shur-Co® and control all of them with this one remote!

The Shur-Co® SMART2™ is the only state-of-the-art remote offering two-way communication in an easy-to-read digital display with the feedback you need to run smarter and more efficiently.



The SMART2™ remote operates electric tarps, electric hopper doors, lighting and more, then relays real-time positioning. It even lets you specify exact positioning of your tarp and traps from over 100 feet away.

The transmitter has a built-in emergency shut-off; close the patent-pending flipstyle lid and whatever operation is running stops immediately. Plus, no more batteries to buy! The SMART2™ runs on a rechargeable lithium battery, and the charging cradle is included.

The SMARTtransmitter® has been upgraded to the **SMART1+™** to include up to 15% better range and EXPRESS mode.



Illuminate your unloading areas with the LITEALL™ worklight.

A complete 12-volt DC LED light with wireless remote system.

PROTRAP™ – The cleaner, faster, safer way to unload grain!

Hopper doors slide open while the operator stands back, out of the dust.

All-metal gears and housing (no plastic!) handle the hard stops. High-efficiency planetary gear reduction and a breaker circuit at the battery protect the motor - no need for unreliable limit switches that are easily damaged going through the field or by harsh road conditions. Motor has a 3-year warranty and 250 foot pounds of torque.



MAXXTRAP™ – Maximum clearance. Maximum value. (31" Roller Rack & Pinion Doors)

Gain more swing auger clearance with less weight in your grain applications with the MAXXTRAP™.

The through-shaft motor with right angle 2-stage gearbox is mounted directly to the curbside trap opener rail. The motor has a spring-loaded locking pin which allows the shaft to rotate freely for manual operation from the driver's side. (A 45" manual crank is included.) The driver's side controls for each hopper are mounted below the lower trailer rail in a moisture-resistant box. The motor carries a 3-year non-prorated warranty.



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



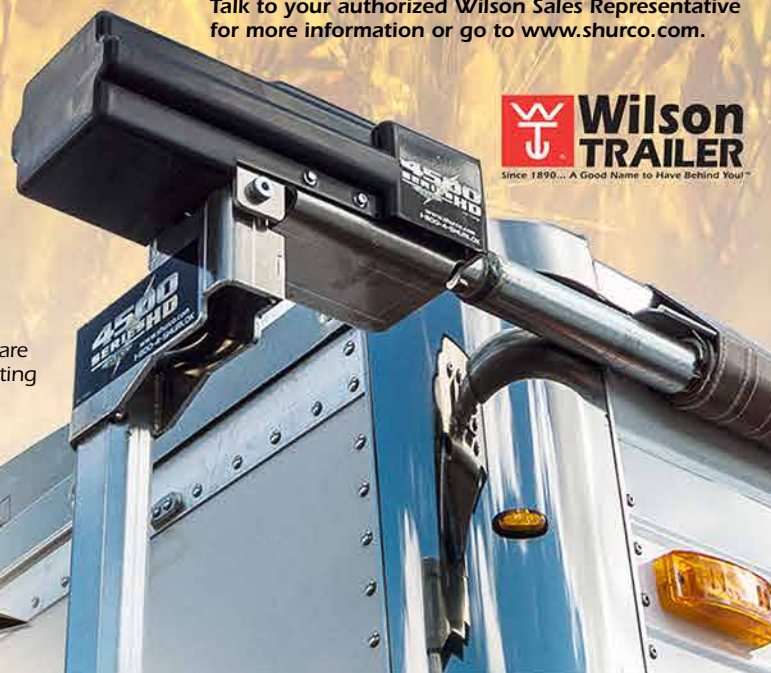
Increased torsion arm strength and performance.

The 4500 Series HD features a powerful American-made motor with an all-metal gearbox and an incredibly reliable magnetic brake. Rather than producing increased torque which can damage your tarp system, the patent-pending motor produces torque which has been optimized for the load.

No electrical energy is used to actuate the brake, so there are no electrical connections to misfire. A patent-pending pivoting motor mount allows for any misalignment of the roll tube without stress to the motor or arms.

The heavy-duty arms are the strongest in the industry – so strong, in fact, that they're backed with a lifetime warranty. The roller bearing-style rear arm bracket has a low-friction design that won't wear out. Both arms are inset to prevent obstruction of clearance lights.

The 4500 Series HD comes standard with a black DiamondCore™ tarp and is backed with a 24-month warranty - the best in the industry.





OPTIONAL EQUIPMENT



Hopper Options



Standard Clearance Hopper

Ag Hopper

▲ Based on a 48 1/4" fifth wheel height, Wilson's Standard Clearance Hopper offers 17" of clearance or choose the optional 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

► Chrome Trim Rings and Clear LED



Mounted Stop/Turn Lights on Rear Header



Micro Nova Stop/Turn Lights on Rear Header

► Reverse Lights



◀ Micro Nova Lights

Front & Rear End Options



Stainless Steel Front



Stainless Steel Rear



I.C.C. Bumper



Fold-Down Rear Ladder



Vent Cap with Roll Return



Tarp Vent in False Header



Rear Tarp Vent Cap



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 side 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.



Since 1890... A Good Name to Have Behind You!™



Additional Models



Pacesetter with Pewter Metallic Sides.



Pacesetter Quad Axle Trailer



Commander Tri-Axle with Black Sides



Pacesetter Triple Train



Pacesetter with Spread Axle



Pacesetter A-Train Doubles

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

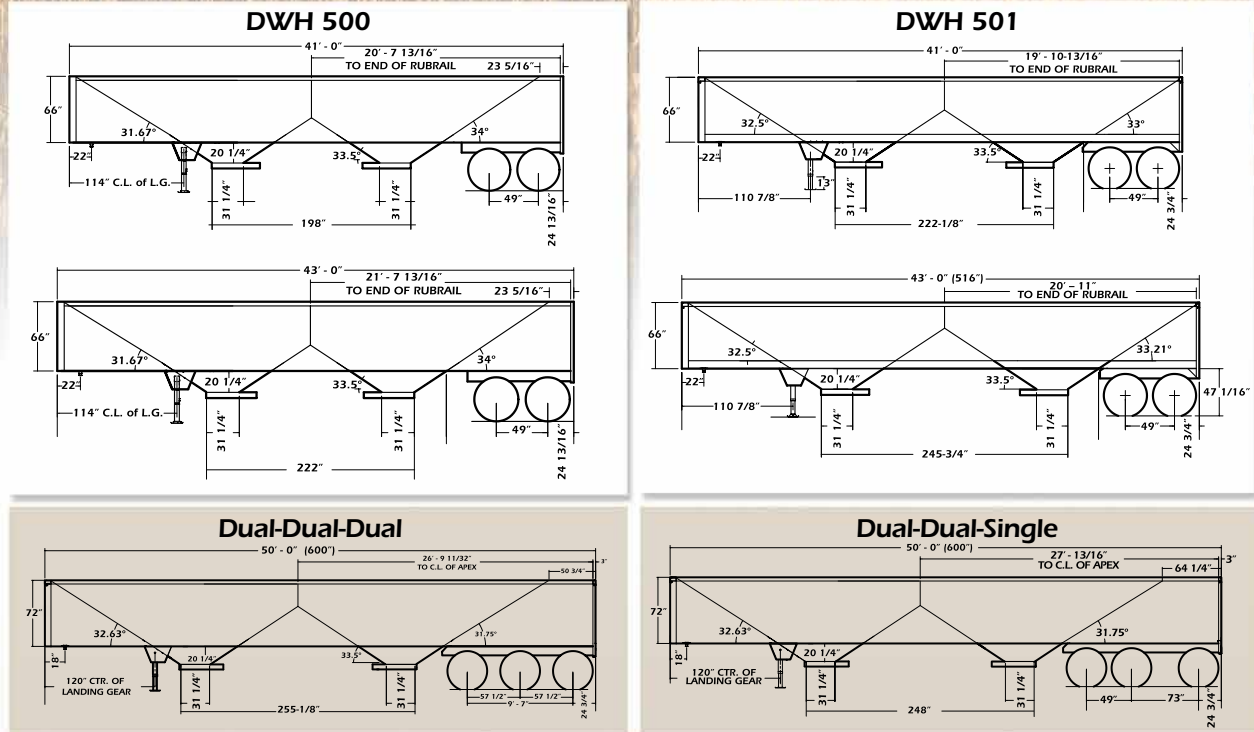
* AG = Ag Hopper. STD = Standard Ground Clearance
Volumes were calculated using a 114" landing gear and a 49" spread tandem. Additional side heights of 90", 96", and 102" as well as tri-axle and spread axle configurations are available.

A 501 model will add 5.5% in volume (for example: a 41'x96"x66" 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.

PATENTS: This vehicle is constructed under U.S. or Canadian patent 6085948.

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