

Wagons and Trailers



www.horstwelding.com

HEADER WAGONS



Productivity often hides in the details, such as getting from one field to another quickly. Trailing your combine head with a Horst CHC Wagon keeps you moving with safe and easy road travel. The no-sway design of Horst's running gear provides a smooth trailing wagon that eliminates the zig-zag action through tapered roller bearings on all the main pivot points. This includes the king-pins and steering pivot joint. The predictable trailing movement of Horst's Header Wagons is especially important for combine operators who don't have a clear rear-view and need to rely on a steady trailing wagon.

Sturdy yet flexible, Horst CHC Wagons are made with double tube construction designed to handle uneven ground reliably. For road travel, heavy-grade tires with low wearing tread is standard on all models. An optional light kit is also available for increased visibility during nighttime driving. Get from field to field quickly and efficiently with a quality built Horst Combine Header Wagon that handles your header safely and travels smoothly.

**Additional model CHC36 is available for 36' heads. 24' wheel base with same tire choices as CHCF models.*



CHCF 30, 36 and 45 Available with electric brakes.

Model	CHC25 2 wheel steer	CHC30 2 wheel steer	CHC36 2-wheel steer	CHCF30 4 wheel steer	CHCF36 4 wheel steer	CHCF45 4 wheel steer	CHCFSP30 4 wheel steer	CHCFSP36 4 wheel steer	CHCFSP45 4 wheel steer
Rated Capacity	Varies by tire selection. 7,200 - 15,840 lbs.			Varies by tire size. From 7,200 - 15,840 lbs.			15,840 lbs.		
Tracking Width (Center of Tires)	79"			76"	79"	79"	81"	81"	81"
Wheelbase	18'		24'	18'	30'	30'	18'	30'	30'
Tires	20.5x8-10 12ply, 26x12 12ply, 225/75x15 10ply, or 11Lx15 12ply Highway Service			26x12 12ply, 235/85X16 F Range, or 11Lx15 12ply Highway Service			235/85X16 12 ply Range Trailer Tire		
Tongue Length	ADJ. 11' to 13'		ADJ. 11' to 15'	ADJ. 11' to 15'					
Top Rail Length	26'	31'	36'	31'	36'	45'	31'	36'	45'
Bridged Top & Bottom Rail	-----		Standard	Standard			Standard		
Maximum Head Size	25'	30'	36'	30'	36'	45'	30'	36'	45'
Safety Chain	Standard								
Road Signal Light Kit	Optional						Standard		
Shipping Weight	1500 lbs.	1575 lbs.	1640 lbs.	2155 lbs.	3200 lbs.	2620 lbs.	2405#	2675#	2855#
Road Flex Suspension	---	---	---	---	---	---	Standard	Standard	Standard

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HEADER WAGONS

Header Wagon Features



Tri-Axis Adjustability

- Up, Down
- Forward, Backward
- Left, Right



Universal Pads

Built on our revolutionary triple-axis base, our new universal pad provides you with flexible pad configurations. Making this single pad the only pad you'll ever need.

NOTE: Universal pads are standard on 4-wheel steer header wagons and are optional on 2-wheel steer models.



Ratchet Straps

These heavy duty ratchet straps are repositionable to match the best possible strapping location for your head.



New Improved Steering

Horst Header Wagons now feature an improved steering system that provides tighter steering when following the tow vehicle and prevents bent tongues.



Tapered Roller Bearings in Main Pivot Points

Roller bearings keep pivot points tight, ensuring no trailer sway and long-lasting use.



Adjustable Top Rail

Makes sure wagon fits most sizes and models of combine heads.



Quick Release Header Mount

Easily reposition the header mount by simply lowering the over-center locking handles.



Road Signal Light Kit

(optional)
Make road travel safer by adding the road signal light kit which includes brake, turning and hazard lights.

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HEADER WAGONS

Contour 4 WHEEL STEER HORST HEADER WAGON

Take the hassle out of transporting wide heads from field to field with the 4-wheel steer Contour header wagon. Built with all the same features as the standard model, the Contour adds greater maneuverability with 4-wheel steering which is ideal for combine heads 30-feet and longer.

Trailing behind the combine or vehicle the Horst Contour follows the same tire tracks when cornering. If your combine can make the turn, so will the Horst Contour header wagon.

The Contour Header Wagon matches the sharp turning performance of your combine for easy turning. The rear wheels are linked mechanically and steer in the opposite direction as you begin turning. This keeps the wagon on track with the turning arc of the tow vehicle, passing through narrow entrances easily.



CHCF four wheel steer models for 30', 36' and 45' handle standard or draper headers.

HORST CONTOUR

CROSS-COUNTRY



1

SUSPENSION

Contour Cross Country builds on the proven Contour 4 wheel steer platform by adding 4 wheel independent suspension. This patented innovation smooths out bumps and gives added clearance when turning, adding even more protection for your head.



2

Contour Cross Country comes standard with highway rated tires to make sure you are not trailing behind.



3

TAIL LIGHTS

The standard light kit means you can work till the job is done and still get safely home.



4

BRAKES

Four electric drum brakes give you more control and confidence when transporting your head from field to field.



Contour Cross Country models handle headers up to 45'. (Shown with two optional shoes and pads)

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HEADER WAGONS



HORST WAGONS

8 Wheel Models available with 16, 20, and 40 Ton capacity

Tapered Roller Bearings in Main Pivot Points



Roller bearings keep pivot points tight,

ensuring no trailer sway and long-lasting use

Spring Cushioning Tongue Hitch



The spring-loaded tongue assists the braking system by absorbing the momentum shock caused by moving and stopping

- Short turning radius
- Loads from 8 – 24 tons
- 35 years field service
- Better floatation
- No sway towing
- Optional brake packages



ROAD FLEX SUSPENSION uses shock absorbing blocks, offering a smooth ride taking the shock out of rough roads and fields. Less bounce, less noise and less shock to tires and cargo especially when towing behind high-speed tractors.

TR605 TRAILER RUNNING GEAR

features a 24 ton trailer style running gear for 20' & 24' boxes or racks, 10 stud 16,000 lbs. hubs, fixed bolsters 11' 2", and heavy duty jack



THE 2PH DOLLY provides a safe economical platform for transporting 2PH implements. It's compatible with category 2, 3N, and 3 point hitches and a safety lock securely holds pins. Also features a 2" receiver and 7 pin ag receptacle for implement electrics.

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RUNNING GEARS



FOUR WHEEL MODELS

Model	145/145-90	185	205	275	285	365	485
Capacity	16,000 lb (8Ton)	20,000 lb (10Ton)	24,000 lb (12Ton)	28,000 lb (14Ton)	30,000 lb (15Ton)	36,000 lb (18 ton)	48,000 lb (24 Ton)
Track Width (Varies with wheel size. See Horst website for specifics)	74"/90"	76"	82"	89"	86" – 97" Depending on Tires and Wheels Used	86" – 97" Depending on Tires and Wheels Used	86" – 97" Depending on Tires and Wheels Used
Spindles	1 3/4" Diameter C1045 Hot Rolled	2" Diameter C1045 Hot Rolled	2 1/4" Diameter C1045 Cold Rolled	2 3/4" Diameter C1045 Cold Rolled	2 3/4" Diameter C1045 Cold Rolled	3" Diameter 1144 Stress Proof	4" Diameter C1045 Cold Rolled
Hubs	6 Bolt 4,000 lb	6 Bolt 6,000 lb	8 Bolt 6,500 lb	8 Bolt 8,000 lb	8 Bolt 8,000 lb	8 Bolt 10,000 lb	10 Bolt 16,000 lb
Rocking Bolster	Optional				Flexible Front		
Front Axle	5 1/2 x 3 x .188 Wall	6 x 3 x .250 Wall	7 x 3 x .250 Wall	8 x 3 1/2 x .250 Wall	8 x 4 x .250 Wall	10 x 4 x .250 Wall	10 x 4 x .500 Wall
Rear Axle	5 1/2 x 3 x .188 Wall	6 x 3 x .250 Wall	7 x 3 x .250 Wall	8 x 3 1/2 x .250 Wall	8 x 4 x .188 Wall	10 x 4 x .188 Wall	10 x 4 x .375 Wall
Tongue Bracket Mounting	1 1/2" Bolt Bearing Mtd.						
Tongue Bolt	7/8" Diameter	1 1/8" Diameter					1 1/2"
Tongue Latch	Retractable Automatic Relock						
Reach Poles	3" O.D. x .188 Wall - Round Tube				6 x 4 x .188 - Square Tubes		
Bolster Stakes	Adjustable 38" - 40" - 42"			42.5" Fixed	42 1/2" Fixed		
Steering	Automotive Type						
Tie Rod Ends	Greaseable Automotive Style Ball Joints						
Wheel Base	Adjustable						
Height From Ground To Top of Bunk	23" (on 9.5 x 15 Tires)	24" (on 11L x 15 Tires)	26" (12.5 x 16 Tires) 30" (11 x 22.5 Tires)	30" (11 x 22.5 Tires)	32" (18 x 22.5 Tires)	34" (18 x 22.5 Tires)	34" (18 x 22.5 Tires)
Approx. Weight	610 lb	750 lb	1,010 lb	1,120 lb	1,650 lb	1,850 lb	2,450 lb
OPTIONS							
2 Wheel Hydraulic Surge Brakes	Not Available		Optional		Not Available		
2 Wheel Hydraulic Disc Brakes (Remote)	Not Available			Optional (factory installed)			
4 Wheel Hydraulic Disc Brakes (Remote)	Not Available						
Safety Chain	3/8"				1/2"		
Spring Balancer Kit	Optional (Single or Double Spring)						

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RUNNING GEARS



SIX WHEEL MODEL SPECIFICATIONS

Model	245	265	325	505	605
Capacity	24,000 lb (12 Ton)	28,000 lb (14 Ton)	32,000 lb (16 Ton)	44,000 lb (22 Ton)	60,000 lb (30 Ton)
Track Width (Varies with wheel size. See Horst website for specific track widths)	76" - 77"	82" - 88"	86" - 89"	86" - 97"	
Spindles	Front: 2" Diameter Rear: 2 1/4" Diameter	2 1/4" Diameter C1045 Cold Rolled	3" Diameter C1045 Cold Rolled	Front: 3" Diameter Rear: 3 1/2" Diameter 1144 Stress Proof	4" Diameter C1045 Cold Rolled
Hubs	6 Bolt 6,000 lb	8 Bolt 6,500 lb	8 Bolt 8,000 lb	8 Bolt 10,000 lb	8 Bolt 16,000 lb
Front Axle	6 x 3 x .210 Wall	7 x 3 x .250 Wall	8 x 3.5 x .250 Wall	10 x 4 x .250 Wall	10 x 4 x .500 Wall
Rear Axle	6 x 3 x .250 Wall	7 x 3 x .313 Wall	8 x 3.5 x .250 Wall	10 x 4 x .375 Wall	10 x 4 x .500 Wall
Tongue Bracket Mounting	1 1/2" Bolt Bearing Mtd				
Tongue Bolt	1 1/8" Diameter				1 1/2" Diameter
Tongue Latch	Retractable Automatic Relock				
Reach Poles	3" OD x .188 Wall Round Tube			6 x 4 x .188 Square Tubes	
Bolster Stakes	Adjustable 38" - 40" - 42"			42 1/2" Fixed	
Steering	Automotive Type				
Tie Rod Ends	Greaseable Automotive Style Ball Joints				
Wheel Base	Adjustable				
Height from Ground to Top of Bunk	24" (11x15 Tires)	26" (12.5x16 Tires) 30" (11x22.5 Tires)	30" (11x22.5 Tires)	34" (18x22.5 Tires)	
Approx. Weight	1,050 lb	1,290 lb	1,450 lb	2,850 lb	3,450 lb
OPTIONS					
2 Wheel Hydraulic Surge Brakes	Not Available	Optional		Not Available	
2 Wheel Hydraulic Disc Brakes (Remote)	Not Available		Optional		
4 Wheel Hydraulic Disc Brakes (Remote)	Not Available		Optional		
Safety Chain	3/8"			1/2"	
Spring Balancer Kit	Optional (Single or Double Spring)				

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WAGONS



T150

- 48"x78" deck, 12 GA formed steel
- Removable 18" formed steel sides
- Double acting 3"x12" cylinder w/hoses
- 18/850-8 4 ply turf saver tires
- Tandem axle
- 3000# capacity
- 1000# spindles w/five bolt hubs



T1200

- 7'x12' deck, 3/16" formed steel
- 36" welded sides (54" on T1200H)
- Twin acting 4"x24" cylinders w/hoses
- 12.5Lx15 – 10 ply tires
- Tandem axle
- 12 ton capacity
- 5000# spindles w/6 bolt hubs
- Grain door
- Swivel hitch

Self-opening tailgate

S500

- 6'x10' deck, 3/16" formed steel
- Removable 24" sides
- Double acting 4"x24" cylinder w/hoses
- 11Lx15 – 8 ply tires
- Single axle
- 5 ton capacity
- 5000# spindles w/six bolt hubs
- Grain door
- Swivel hitch

Self-opening tailgate



T800

- 6'X10' deck, 3/16" formed steel
- Removable 24" sides
- Double acting 4"x24" cylinder w/hoses
- 11Lx15 – 8 ply tires
- 8 ton capacity
- 5000# spindles w/six bolt hubs
- Grain door
- Swivel hitch

Self-opening tailgate

T1200DB

- 7' x 12' Deck - 1/4" Steel floor with cross members every 12"
- 3/16" thick sides formed for strength - 24" high
- High tail gate opens 3' above sides for "no obstruction dumping."
- Hydraulic tail gate standard
- 2 - Double acting 4" x 25" cylinders
- 12.5 x 15 Load Range "F" (12 ply) highway service tires or 12.5 X 16 - 14 ply tires (T1200DBTT has 425x22.5 used truck tires)
- 12 ton capacity

T1500

- For Grain, Forage, and manure
- 15 Ton Capacity, 7.5' wide x 15' long
- 5' Welded sides with brackets for wooden extensions
- Telescopic cylinder, Grain Door, Hydraulic tailgate
- 8 Bolt, 8000 lb. Hub and spindles
- 445/50 x 22.5" Good used truck tires (others optional)
- See through screen on front with sliding cover for grain
- Swivel Hitch, 12000 lb. Drop Leg Jack
- (Also available as "Dirt Boss" and "W" model that can be mounted on running gear.)



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