FLATBED & DROP DECK TRAILERS

ROADBRUTE™ | PREMIER™



SINCE 1890

A GOOD NAME TO HAVE BEHIND YOU.™

Wilson TRAILER

FLATBED & DROP DECK TRAILERS



Roadbrute™ Flatbed

Steel & Aluminum Combo Trailer

CF-1080

- Base Weight: 9300 lbs./ 48'X102"- Aluminum Wheels
- Capacity: 80,000 lbs. overall

Based on 10' 1" Spread Axle Set at 90-1/2" tandem setting



Roadbrute™ Drop Deck

Steel & Aluminum Combo Trailer

CD-1080

- Base Weight: 9700 lbs./ 48'X102"- Aluminum Wheels
- Capacity: 80,000 lbs. overall

Based on 10' 1" Spread Axle Set at 90-1/2" tandem setting

ROADBRUTE™ VS PREMIER™

Roadbrute™ Combination Steel + Aluminum Trailers

Roadbrute™ trailers are the ultimate combination steel and aluminum trailer with unprecedented durability at competitive prices. The steel main beam and king pin is what sets this apart from our all aluminum counterpart. With industry leading protection on steel parts combined with the smart use of aluminum components, the Roadbrute™ has outstanding weights and unbeatable capacities.



Premier™ Flatbed

Full Aluminum Trailer

AF-1080

- Base Weight: 8300 lbs./ 48'X102"- Aluminum Wheels
- Capacity: 80,000 lbs. overall

Based on 10' 1" Spread Axle Set at 90-1/2" tandem setting



Premier™ Drop Deck

Full Aluminum Trailer

AD-1080

- Base Weight: 8700 lbs./ 48'X102"- Aluminum Wheels
- Capacity: 80,000 lbs. overall

Based on 10' 1" Spread Axle Set at 90-1/2" tandem setting

Premier™ All Aluminum Trailers

Premier™ is a lighter weight alternative to our "combo" Roadbrute™ trailer yet it does not sacrifice on payload. In fact, its lighter weight means you can haul more without exceeding weight limits. With an aluminum main beam and king pin, Premier™ flatbed and drop decks are the ultimate corrosion resistant trailers. Upgrade your landing gear from steel to aluminum landing gear for even more weight savings!



Flatbed and Drop Deck Standard Specifications

DIMENSIONS

Length (Overall)
Available in 40'-0" through 53'-0"
In even one-foot increments.

Width (Nominal)
102" standard; 96" width
available as extra-cost option.

Height (High Point)
56-1/4" - no load on 11-24.5 tires.

STRUCTURAL

Front

6-1/4" high extruded aluminum channel; 1-piece front channel standard with extruded aluminum corners. Extra stake pockets are available as an extra cost option.

Landing Gear

Jost UL550 Ultra Light Landing Gear with cushion foot, 2-speed, located 145" from front of trailer; aluminum braces are standard.

Main Beams

I-beams are fabricated of 130K steel, with 3/8" x 5" flanges. The trailer crown is cut into the web section; 3 sets of full depth internal cross structure to stabilize beams.

CF-1080: Main beams are 8-3/4" deep at the front, 25" deep in belly and 18" at the rear.

CF-1060: Main beams are 7" deep at the front, 23" deep in belly and 18" at the rear.

King Pin

8" high assembly. Standard setting is 30". Other settings available.

Corsol® treated ladder frame assembly. Standard setting is 30". Other settings available.

Crossbars

King Pin: Extruded aluminum T-J type, 4-1/2" high, on 12" centers is standard.

Belly: Extruded aluminum T-J type, 4-1/2" high, on 18" centers

Decking/Floors

1-3/8" aluminum floor with 4 nailer strips is standard. Other floor materials are available as an extra option. Other nailer options are available.

Sides

C-Style Side Rail is standard. C-Plus and TJ Style Side Rail styles are optional.

All Side Rails with 6-1/4" high extruded aluminum channel and stake pockets that are 3-1/2" wide by 1-5/8" deep and 4-1/2" high on 24" centers. (Other pocket spacing and configurations are available). Integral to all side rails is a "Double L" winch track for sliding winches.

Rear End

Extruded aluminum rear end with 2 rubber bumpers.
Rear Impact Guard (RIG) Bumper: aluminum tube construction is standard. Rear Stake Pockets: (4) aluminum, 3-1/2" wide x 1-5/8" deep x 4-1/2" high, flush with top of channel.

SUSPENSION/CHASSIS

Suspension

Flatbeds: Hendrickson AANT-23K air ride is standard.
Drop Decks: Hendrickson AANL-23K air ride is standard.
Spread axle with 10'-1" (3.07 m) spacing is standard.
Various axle spreads, weight ratings, air and spring rides are available as options.

Axles

Each axle is 5-3/4" round, rated at 20,000 lbs. (9072 kg), integral with suspension.

Brakes

16-1/2" x 7" x 5/8" with HXS extended service brake package, single anchor pin, air brakes, no dust shields. Mandatory FMVSS-121 and ABS anti-lock braking system standard.

Drums

Cast steel, outboard mount, hub-piloted, with Stemco severe service oil seals.

Hubs

Dura-Lite, steel, with Stemco oil seals, Axilok spindle nuts, and Stemco hub caps.

Tires

Eight 11-24.5 Radial Bridgestone R196.

Wheels

Eight, 8.25 x 24.5, white, steel disc.

Mud Flaps

Black rubber, anti-spray/anti-sail type is optional.

Roadbrute™ Flatbed



	CF-1080	80,000 lb. Max Distributed Load				
	Length of Trailer in which load is concentrated					
Length	4 ft.		10 ft.		20 ft.	
	A	B	A	B	A	B
48 FT.	45,000 lb 20 430 kg	51,000 lb 23 154 kg	47,000 lb 21 338 kg	53,000 lb 24 062 kg	52,000 lb 23 608 kg	59,000 lb 26 786 kg
53 FT.	39,000 lb 17 706 kg	45,000 lb 20 430 kg	41,000 lb 18 614 kg	47,000 lb 21 338 kg	46,000 lb 20 884 kg	50,000 lb 22 700 kg

	CF-1090	90,000 lb. Max Distributed Load				
	Length of Trailer in which load is concentrated					
Length	4 ft.		10 ft.		20 ft.	
	A	B	A	B	A	B
48 FT.	57,000 lb 27 694 kg	65,000 lb 29 510 kg	61,000 lb 27 694 kg	67,000 lb 30 418 kg	67,000 lb 30 418 kg	73,000 lb 33 142 kg
53 FT.	50,000 lb 22 700 kg	54,000 lb 24 516 kg	54,000 lb 24 516 kg	57,000 lb 25 878 kg	58,000 lb 26 332 kg	62,000 lb 28 148 kg

Premier™ Flatbed



	AF-1080	80,000 lb. Max Distributed Load				
	Length of Trailer in which load is concentrated					
Length	4 ft.		10 ft.		20 ft.	
	A	B	A	B	A	B
48 FT.	43,000 lb 19 522 kg	48,000 lb 21 792 kg	47,000 lb 21 338 kg	51,000 lb 23 154 kg	53,000 lb 24 062 kg	57,000 lb 25 878 kg
53 FT.	-- --	43,000 lb 19 522 kg	-- --	45,000 lb 20 430 kg	-- --	52,000 lb 23 608 kg

	AF-1090	90,000 lb. Max Distributed Load				
	Length of Trailer in which load is concentrated					
Length	4 ft.		10 ft.		20 ft.	
	A	B	A	B	A	B
48 FT.	57,000 lb 25 878 kg	65,000 lb 29 510 kg	61,000 lb 27 694 kg	67,000 lb 30 418 kg	67,000 lb 30 418 kg	73,000 lb 33 142 kg
53 FT.	-- --	54,000 lb 24 516 kg	-- --	57,000 lb 25 878 kg	-- --	62,000 lb 28 148 kg

Roadbrute™ Drop Deck



	CD-1080	80,000 lb. Max Distributed Load				
	Length of Trailer in which load is concentrated					
Length	4 ft.		10 ft.		20 ft.	
	A	B	A	B	A	B
48 FT.	43,000 lb 19 522 kg	50,000 lb 22 700 kg	45,000 lb 20 430 kg	51,000 lb 23 154 kg	48,000 lb 21 792 kg	56,000 lb 25 424 kg
53 FT.	39,000 lb 17 706 kg	42,000 lb 19 068 kg	41,000 lb 18 614 kg	46,000 lb 20 884 kg	43,000 lb 19 522 kg	49,000 lb 22 246 kg

Premier™ Drop Deck



	AD-1080	80,000 lb. Max Distributed Load				
	Length of Trailer in which load is concentrated					
Length	4 ft.		10 ft.		20 ft.	
	A	B	A	B	A	B
48 FT.	43,000 lb 19 522 kg	50,000 lb 22 700 kg	45,000 lb 20 430 kg	51,000 lb 23 154 kg	48,000 lb 21 792 kg	56,000 lb 25 424 kg
53 FT.	-- --	42,000 lb 19 068 kg	-- --	46,000 lb 20 884 kg	-- --	49,000 lb 22 246 kg

A **49" Axle spacing**
Set at 54-1/2" fixed tandem setting

OR **49" Axle Spacing Slider**
Set at 62-1/2"tandem setting.

B **10'-1" Widespread**
set at 90-1/2" tandem setting

ALL CONCENTRATED LOADS ARE BASED ON:

1) Load centered on trailer. **2)** 30" king pin. **3)** Load capacity of beams only.

Floor material, crossmember spacing, axle capacity, tire capacity, etc. must be rated for the specific application of the trailer.
To determine capacity of the trailers with set-ahead suspensions, subtract the set-ahead distance from the trailer length and read the value corresponding to that length.

Balanced Design for Unmatched Performance

Wilson has struck the ideal balance of weight reduction, corrosion resistance, and stability—resulting in lower maintenance and higher resale value compared to the competition. Discover how Wilson Trailer's flatbed and drop deck product lines are engineered to maximize the efficiency of your daily hauling while delivering the highest return on investment.



Main Beam Construction

One-Piece, No Splice

The main beams are made using one-piece with no-splices (horizontal or vertical), which eliminates weak spots that can invite beam and weld cracking.

Machine Welded to Flange

Beams are machine welded both inside and outside of connection to flanges. Optimal weld penetration is always achieved.

Precision Cut

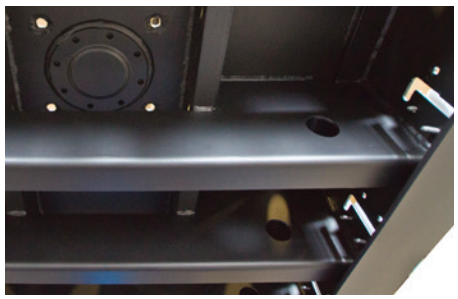
Both webs are cut simultaneously. This precision-cut camber or "arch" removes the possiblity of highs or lows in the beams.



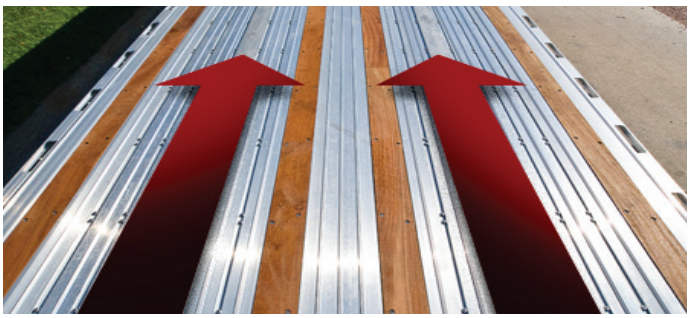
King Pin Area Aluminum Crossbars outside of the main beams are standard with 12" center spacing to add strength in this critical area.



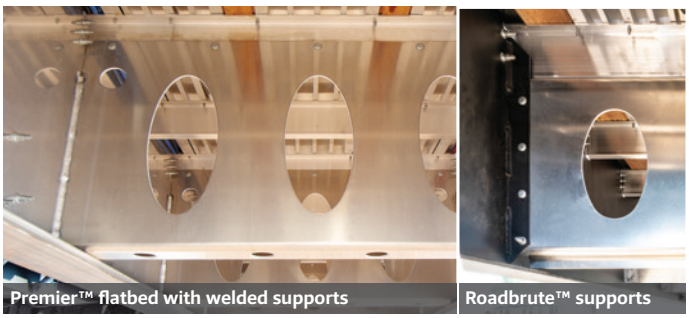
Full-width aluminum TJ crossbars every 18" add strength while reducing the trailer's overall weight.



King Pin design is void of corrosion harboring tubes. This area is coated inside and out with Corsol® corrosion resistant coating.



Rugged decking is constructed with 1-3/8" thick, high-strength aluminum alloy extrusions that run the full length of the trailer without splices—enhancing stability and significantly reducing side sway.



Premier™ flatbed with welded supports | Roadbrute™ supports

Full-height aluminum supports are welded to the main beam on Premier™ trailers and fastened on Roadbrute™.

Corrosion Protection

Wilson Trailer fights corrosion with high-strength, lightweight aluminum components that resist rust and maintain durability—boosting payload capacity while extending trailer life.

Advanced Steel Coating Process

Wilson takes necessary steps to protect steel from corrosion. The Corsol treatment process penetrates the steel as it is coated. While Corsol can be vulnerable to "rock chipping" [as are all coatings], what makes it a primary tool in our war on corrosion is its ability to contain the dammage of chipping to the immediate area without spreading and causing further coating degradation.

4-step Coating Process for Steel Components

STEP 1
SHOT BLASTED

Steel main beam and components are shot blasted to prepare the surface chemical rinse.

STEP 2
CHEMICALLY RINSED

Steel is chemically rinsed removing any remaining debris for a pristine surface.

STEP 3
CORSOL® COATED

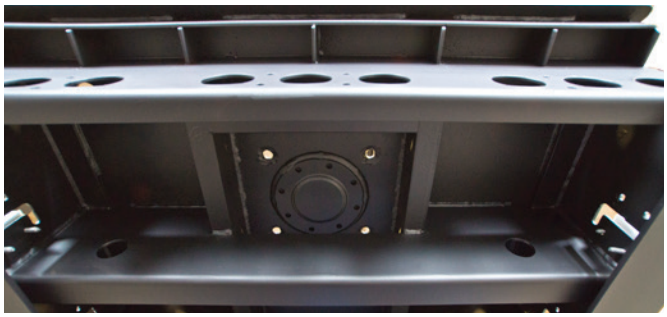
Anti-corrosive coating bonds at a molecular level preventing blistering, peeling, and corrosion.

STEP 4
COPOLYMER PROTECTED

As needed, barrier material is placed between dissimilar metals avoid galvanic corrosion.

All steel components are treated and coated prior to assembly.

Corsol® is a trademark of PRP Industries, inc.



King Pin area is coated inside and out with rust preventative undercoat to protect this critical area.



Main Beams on Roadbrute™ trailers are fully treated inside and out, with rust preventative coating process.

Aluminum Components



Aluminum Landing Gear Braces reduce weight and withstand the beating from rocks and road debris.



Aluminum Knee Braces come standard on drop deck trailers and are available as optional equipment on flatbed trailers.



Aluminum Crossbar Clips with Copolymer Backer eliminates contact between dissimilar metals, and the Corsol coating adds extra protection against electrolysis.

Side Rail Systems

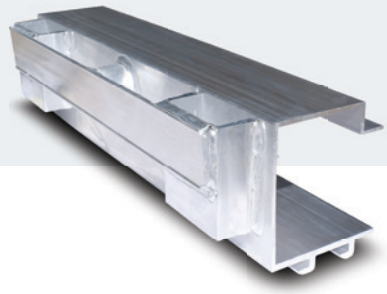
Exciting advancements have been made to the trailer's side rails, floors, coatings and king pin areas, plus Wilson has made dramatic progress towards weight reduction and corrosion resistance.

STANDARD



"C" Style Side Rail

Conventional side rail with stake pocket and **pipe spool configuration**. 18" or 24" pocket spacing available. "Double" or "Single" pipe spools. The rail incorporates the integrated "Double L" sliding winch track.

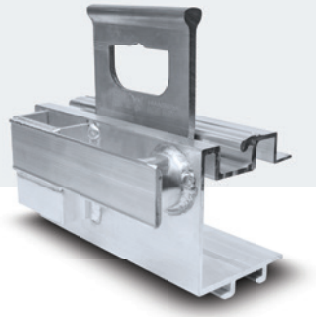


OPTIONAL



"C Plus" Style Side Rail

Side Rail with conventional sides while adding a **tie plate receiver** on top of the rail. The rail is a one piece extrusion with machined tie-plate receiver openings. The rail incorporates the integrated "Double L" sliding winch track.



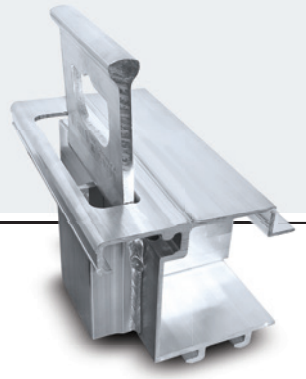
MOST VERSATILE SIDE RAIL

OPTIONAL



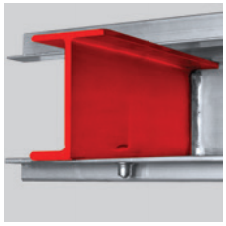
"TJ" Style Side Rail

Accommodates **both in-rail tie downs or tie plate** options. Tie track is positioned on the side of the rail to **maximize usable bed width**. Choose from "center" or "offset" stake pocket locations.



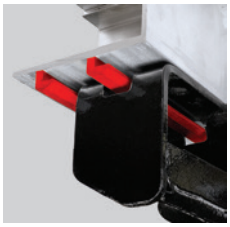
Crossbar and Side Rail Features

All Wilson side-rails are built with double "L" winch track. Our shallow siderail depth improves clearance for tractor drivers and increases ground clearance for tool boxes or racks.



"TJ" CROSSBAR DESIGN

Full-height TJ aluminum crossbars are fastened to each rail at three points, providing integrated strength to the side rails, floor, and crossbars while enhancing the side rail's securement capacity.



DOUBLE "L" WINCH TRACK

The rail has an integrated double "L" winch track that reduces weight, adds strength, and allows winches and strap securements to slide with ease.

Decking/Floors

Wilson's floors are a rugged 1-3/8" thick extrusions running the full length of the trailer. Several other decking placement, materials and options are available.

STANDARD



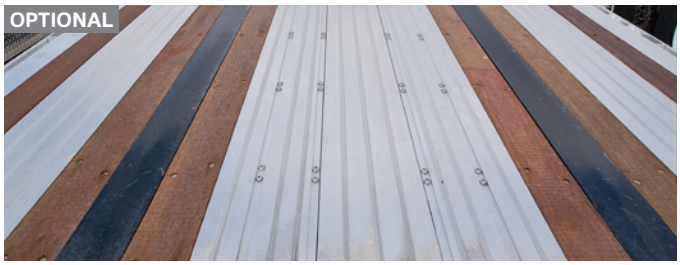
4 Wood Nailers

OPTIONAL



2 Wood Nailers

OPTIONAL



6 Wood Nailers

OPTIONAL



Full Apitong Wood

OPTIONAL



Full Extruded Aluminum

Rugged and Stable Floor Design



1-3/8" thick aluminum extrusions run the full length of the trailer. Tongue and groove design provides incredible stability with limited side sway.

OPTIONAL





Tie Plate with Chain



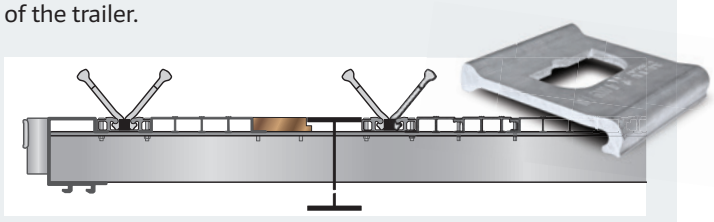
Tie Plate with Flat Strap



Tie Plate Storage

Quick Tie-Plate Floor Extrusions

Utilize more floor space for multi-directional securement. Full length extrusions accept the same quick tie plate as our patented side rails. The extrusions can take the place of wood nailers in combinations of two, four or six. For reinforced strength, the openings are located directly above the trailer crossbars, giving you reliable secure-ment locations every 18 inches* along the entire length of the trailer.



*Quick Tie plate openings are determined by crossbar spacing. Optional 12" and 15" crossbar spacings are available.

Flatbed Model Variations



Flatbed Doubles with Dolly
- 60k, 80k, 90k Distributed Load Capacities
- Main Beam available in steel or aluminum

Flatbed A-Train
- 60k, 80k Distributed Load Capacities
- Main Beam available in steel or aluminum

Flatbed B-Train
- 60k, 80k Distributed Load Capacities
- Main Beam available in steel only

Flatbed Sloper
- 60k Distributed Load Capacities
- Main Beam available in steel only



Curtainside and Rolling Tarps

Shield your loads and reduce manual tarping.

Equip your trailer to receive popular tarp systems — featuring tarp supports in the nose, sealing along the beam to prevent moisture intrusion, and adjusted light placement to fit your tarp system. *Tarp and installation not included.*



Sliding Axle Suspensions

Meet load compliance no matter where you haul.

Meet state and federal road regulations, improve weight distribution and enhance maneuverability in tight areas with a sliding axle trailer.



Integrated Fork Lift Kits

Allow your forklift to travel with the trailer.

Deliver at locations without loading docs or heavy equipment such as construction sites or rural areas. Wilson® supports all available rear-mounted kits available on the market including universal, Moffet, Princeton, and Donkey.



Coil Package

Additional support to reduce side-to-side deflection.

For concentrated loads, add the Coil Package to receive (2) additional full-height structures and (6) stub crossbars. It adds structure and rigidity to prevent side-to-side deflection and supports the floor. Available on all Wilson flatbed and drop deck trailers.

Drop Deck Model Variation



Drop Deck B-Train
- 60k, 80k Distributed Load Capacities
- Main Beam available in steel only



BEAVERTAIL REAR END

Drive-On Equipment

Wilson offers a beavertail option for the Roadbrute™ or Premier™ drop deck trailers giving you the ability to load and unload a variety of drive-on style equipment practically anywhere.

AT-1080 Premier™



Options to effectively load heavy machinery



Implement notch in the front drop section allows tractor weights to clear the front deck.



Expandable aluminum beams pull out from the beavertail area to assist in climbing the ramp.



Drop down legs at the beavertail in closed position.



Lowered Deck Height with Load Bearing Fenders

Lowered deck height with load bearing fenders on 17.5" tires adds 5.5" of clearance over standard deck height on 22.5" tires.



CT-1080 Roadbrute™
Combination Steel/Aluminum

Sloped Gooseneck

An optional sloped gooseneck and aluminum foldover ramps make front to rear loading onto a Wilson beavertail a smooth and easy process. Talk to your Authorized Wilson Sales Representative for more details.

OPTIONS



AXLE CONFIGURATIONS

Legal requirements, load type, and personal preference all factor into choosing the right axle configuration for your trailer. Select up to five axles in nearly any combination of lift and fixed axles, lift steer axles, axle spacing, and set-ahead distance.


Tandem Axle


Tri-Axle

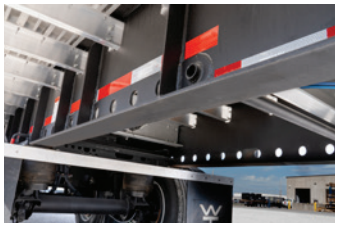

Spread-Axle


Multi-Axle

SUSPENSION OPTIONS


Tire Inflation System


Hubodometer

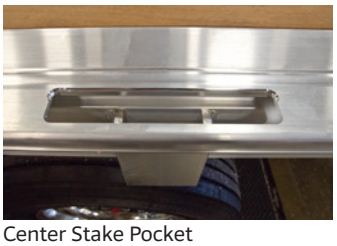

Sliding Axle

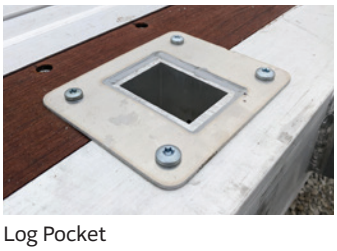

Dump Valve Box

SIDE RAIL OPTIONS


TJ Side Rail Without Slots and Pockets


TJ Side Rail Without Pockets


Center Stake Pocket


Log Pocket


Double Spool "C" Style Rail


Single Spool "C" Style Rail

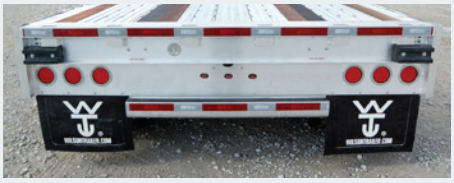

C Plus Style


In-Rail Chain Ties

REAR ENDS

DROP DECK REAR ENDS


Rear Impact Guard (Standard)


ICC Bumper


Cluster of 4 with Amber Strobe


Optional Oval Strobe lights and D-Rings


Premier™ Rear End with 4" ID Lights


Rear Ramp Brackets

FLATBED REAR ENDS


Rear Impact Guard (Standard)


ICC Bumper


Cluster of 4 with Amber Strobe


Premier™ Rear End with RIG Filler


Premier™ Quad Style Rear End


Fork Lift Kits


Pintle Hitch


Rear Stake Pockets


Hay Rack Extension


Pull Out Ladder

HOOK UPS/GLAD HANDS


Glad Hands and Electric at Front Channel
(Standard)


Glad Hands and Electric at Landing Gear


Glad Hands and Electric - Custom Locations

DEBRIS PROTECTION


Extra Mud Flap Front Axle


Anti-Spray Brackets


Full-width mud flaps at Landing Gear



Mud Flap Front End

OPTIONS

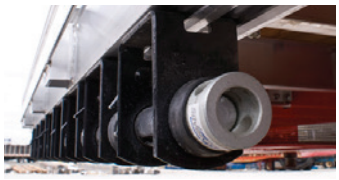
WINCHES AND TIES


Quick Tie Plate


Standard Fixed Winch


Permanent 3 Bar Winch


ANCRA Glide Locks


ANCRA Hi Pro Ratcheting Winch


Sliding Flat Hook & Chain Retainer


Sliding Winch


Sliding Winch with Everlast Finish


Storable Sliding Winch


C-Style Rope Hook


Winch Hook & J Style Rope Hook


Container Locks (Combos only)


Sliding Winch Hook


In-Rail Chain Tie Down

STORAGE


Tire Chain Hanger


Side Panel Storage


Spare Tire Carrier (Drop Deck Style)


Tie Plate Storage

TOOL BOXES


Tread Plate Doors


Single Fold-Down
Polished Stainless Door


Camlock Style Latch


Smooth Aluminum Doors

BULK HEADS

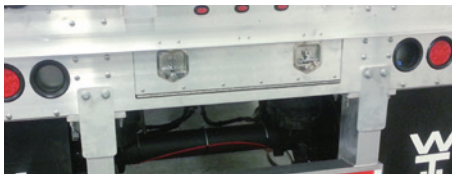

Flat Style w/ Chain Hangers


Aluminum w/ Wrap


Heavy-Duty with Walkways


Sturdy-Lite (DOT Certified)

DUNNAGE RACKS


Dunnage Rack in Rear
(*Flatbed Only*)


Side Dunnage Rack


Dunnage Racks
(8', 10' and 12' Options)

LOAD RACKS AND RAMPS


Ramp Accessories


Ramp Storage


Ramp Brackets at the Drop


Removeable Ramp Storage


Load Rack


Removeable Ramps


Load Rack

CLEARANCE LIGHTS


Oval MicroNova® (Std)


Clear MicroNova®


2" Clearance LED


Dot Micro Nova


MicroNova® with Stainless Flange


Recessed Center Turn LED


Center Turn LED


Crossbar Mount Center Turn Hanger

WIDE TURN/SAFETY LIGHTS



Caution Wide Turns Center Turn


Telescoping Clearance Lights

SPOT LIGHT


Spot Lights

ACCESSORIES


D-Ring


Flag Holder at Neck


Flag Holder at the Rear

THIS IS YOUR WORK TRAILER

Since 1890, Wilson Trailer has been committed to manufacturing lightweight, durable, and dependable work trailers for the construction and agricultural industries. When you choose Wilson, you can rest assured you're getting the best value for your operation.

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



Get Your New Wilson Trailer®

1 FIND YOUR DEALER

Call 800-798-2002 or visit wilsontrailer.com to find your nearest Wilson Trailer dealer.

2 SPEC YOUR TRAILER

Discuss hauling needs with your knowledgeable sales representative.

3 RECEIVE QUOTE

Receive your individualized quote and review drawings for your approval.

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