

# Triad Trailers LLC

Celebrating 36 years of high quality trailers



Member: National Association of Trailer Manufacturers



## Information and pricing for the J/30

Triad Trailers LLC – 5831 Triangle Drive - Raleigh – NC - 27617  
Phone: 919.782.6007 Fax: 919.782.6009 email: [triadtrls@aol.com](mailto:triadtrls@aol.com)  
Trailers: [www.triadtrailers.com](http://www.triadtrailers.com) Trailer parts: [www.triadtrailerparts.com](http://www.triadtrailerparts.com)

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## J/30 Triad Trailer® Price Schedule

### Electric brakes

Up to 10,400 pound gross vehicle weight rating

#### Lift-Off Models

Tandem 5,200 pound capacity spring sprung axles  
equipped with 4 wheel Electric Brakes, [Lift-off](#)  
Hot dip galvanized frame

\$ 6,890.00

### Hydraulic surge brakes

Up to 10,400 pound gross vehicle weight rating

#### Lift-Off Models

Tandem 5,200 pound capacity spring sprung axles  
equipped with 4 wheel GALVX coated hydraulic surge  
brakes, [Lift-off](#)  
Hot dip galvanized

\$ 6,855.00

#### Special Float-Off Models

Tandem 5,200 pound capacity spring sprung axles  
equipped with 4 wheel GALVX coated hydraulic surge  
brakes, [Special Float-off package](#)  
Hot dip galvanized

\$ 8,870.00



# Options for all trailer models

## Options for all trailer models

Bow stop and ladder- <i>Included with Special Float-Off models</i>	\$ 280.00
Spare tire and trailer mount- Load Star tire LT235/85R16 LRE	\$ 250.00
LED lighting package upgrade	\$ 110.00
Forward mast carrier- <i>supports front of mast only</i>	\$ 90.00
Rear stabilizing jacks: located behind axles. Minimum 2,500 pound capacity each	\$ 110.00 each
3 Ratchet tie down straps- 10,000# rating	\$ 115.00- per 3
Better way model 625 fiberglass tool box complete with safety gas shocks, mounted on trailer. 71" wide, 22" deep, 24.25"	\$ 690.00
Tire upgrade to Goodyear ST235/80R16 LRE	\$ 420.00
Spare tire and trailer mount upgrade Goodyear Tire	\$ 355.00
Front coupler anti theft lock- used when disconnect from vehicle.	\$ 45.00

## Running gear and brake options

Axle suspension upgrade- spring sprung suspension to Tie Down Engineering Eliminator torsion bar axle equipped with independent rubber ride on each wheel. Visit <a href="http://tiedown.com/pdf/b801.pdf">http://tiedown.com/pdf/b801.pdf</a> for more information	\$ 290.00
Upgrade Galvx coated drum brakes to Galvx coated VENTED DISC brakes. Visit <a href="http://tiedown.com/avented.html">http://tiedown.com/avented.html</a> for more information on this brake. An electrically activated hydraulic brake system is ideal for this brake system. See below for cost of electric over hydraulic brakes	\$ 240.00
Upgrade hydraulic surge Brakes to Electrically activated Hydraulic drum brakes- Cost is from Electric brake trailer	\$ 720.00

# A few things that make Triad Trailers The Only Choice

Family owned and operated  
35+ years experience in the sailboat trailer design and construction field  
Trailer plans for hundreds of sailboats from all years  
Custom crafted from structural steel to exceed the needs of you and your boat  
Designed to the hull of your boat providing a specialized tailored fit, not a forced fit  
Mig welded connections for superior strength  
100% hull accessibility to perform hull work on 98% of our trailers  
Custom tailored to the load for exceptional balance and tracking  
Lift on/off or ramp launching packages available  
Diversified selection of options to choose from- we'll build it the way that suits you  
Highest re-sale value of any trailer in its class

## NATM certified

Triad Trailers voluntarily participates in the NATM Compliance Program and has passed a consultation assessing whether we are building quality trailers with manufacturing processes designed to meet federal regulations and Federal Motor Vehicle Safety Standards covering certification labels, tires & wheels, brakes, lighting, reflectors & conspicuity, under ride protection, Early Warning Reporting, tire place carding information, and cargo securement. Consultation also examines whether our manufacturing process meets industry accepted manufacturing standards and practices covering safety chains, couplers, electrical components, warning labels and consumer information.

## A Custom Fit

Unlike powerboat trailers, sailboat trailers must be designed according to the boats specific hull shape, keel configuration (placement, size and type), center of gravity and the draft. Taking these factors into account, we design our trailers to provide a custom fit, not a forced fit. We have designed hundreds of different trailers for various sailboats, either in production today or out of production for quite some time. If we do not have a trailer plan for your sailboat in our files, we will either locate line drawings of the boat's hull or measure an identical sister ship.

## Galvanizing

Galvanizing is the process of dipping bare steel into a tank filled with molten zinc. During the process, the molten Zinc adheres to the raw steel and creates a rugged rust-resistant finish. We offer a hot dip galvanized finish on most Triad Trailer models.

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## Axles

The suspension system (axles) is one of the most important structural features of any trailer. The axles dampen the effects of road shock, determine the carrying capacity of the trailer, and determine the distance the keel will ride from the road surface. Years of experience and thousands of Triad Trailers have led us to believe that both Tie Down Engineering and Dexter Axle produce the most technologically advanced axles. Both conventional spring sprung axles and independent suspension rubber ride torsion axles are incorporated into our trailers. Refer to the Material and Components section of this proposal for the suspension system used on this trailer.

An added advantage of our axles is that we have them equipped with a unique bearing lubrication system which allows the axle to be lubricated without removing the hubs or drums from the axle. This feature consists of axle spindles that have been specially drilled and fitted with a grease zerk in their ends. When grease is pumped into the zerk it is channeled to the inner bearing and then flows back to the outer bearing eventually exiting the grease cap hole. Please visit <http://tiedown.com/pdf/c718.pdf> for additional information on Tie Down Engineering's Super Lube bearing lubrication system.

## Trailer Lighting

Safety is our top priority at Triad Trailers, LLC. We have chosen lights that are rust-resistant, submersible and aesthetically pleasing. All lights installed on Triad Trailers either meet or exceed the D.O.T. requirements for trailer over 80 inches in width on the date that the trailer is manufactured. Wesbar and Optronics are the major supplier for our trailer lighting.

## Trailer Components

At Triad Trailers we proudly display our name on every trailer we fabricate so there's no wonder why we protect our reputation by using the most durable trailer components available. As you read through this information you may notice that we give the manufactures names of the trailer accessories we incorporate into the trailers designs. We have nothing to hide because we have confidence in our suppliers. Therefore, if at any time you would like additional information on our trailer component manufactures please contact us. We will do our best to supply you with the needed information.



# Base Triad Trailer models

## THE LIFT OFF

If you have access to a travel hoist and have no desire to ramp launch your boat, then our Lift-Off models are for you. Initially designed for the racer, the Lift-Off trailer has become increasingly popular among all types of sailors with different needs. The lift-off trailer is priced just right, making it economical for dry sailing, vacationing, winter storage, and hull work.



## THE SPECIAL FLOAT OFF PACKAGE

Initially introduced for heavy sailboats or sailboats with deep drafts, the Special Float-Off Package is popular with trailer sailors utilizing many different launching ramps. Our Special Float-Off Package can accommodate almost any launching needs. The design consists of keel guides, a bow stop and ladder with winch, an extension bar that can be up to 24 feet in length and a front airplane-launching wheel that swivels 360 degrees. With this configuration you should be able to submerge almost any reasonably size boat deep enough in the water to easily float the boat off the trailer.



# Trailer Materials and components

Trailer frame	7 inch structural C channel side rails, 5 inch structural C channel cross members, 1.5 inch x 1.5 inch angle iron, schedule 40 pipe, assorted structural tubing
Axles	Tandem 5,200-pound capacity spring sprung axles built with a 4 inch drop spindle. All axles are equipped with either Tie Down Engineering Super Lube bearing system. Tie Down Engineering Eliminator Torsion Bar suspension is available as an option.
Brakes- equipped on all 4 wheels	12 inch x 2-inch e coated electric or GALVX coated hydraulic surge drum brakes.
Hydraulic surge brake actuator on trailers equipped with hydraulic surge brakes.	Tie Down Engineering Model 125: 12,500 pound capacity surge brake actuator requiring a 2-5/16 inch trailer ball with a minimum rating of 11,000 pounds
Coupler for trailers with electric brakes	12,000-pound capacity coupler requiring a 2-5/16 inch trailer ball with a minimum rating of 11,000 pounds
Tires	Load Star LT235/85R16 Load Range E tires mounted on 6 hole wheels. The total combined capacity between the 4 tires is 14,000 pounds
Wheels	Tires will be mounted on hot dip galvanized wheels
Front Jack	Minimum 2,500 pound capacity zinc plated jack with a flat foot resting pad
Safety Chains	Two Class 4, 12,000 pound capacity safety cables, 36" long with latch hook - Black Vinyl Coated 3/8 - 1/2 X 7 X 19
Lights	All trailer lights are fully submersible and meet or exceed DOT requirements for trailers over 80 inches in width. LED lights are available as an option.
Hull support pads	8 screw poppet pads that are adjustable in height will support the hull. The adjustment allows you to perform hull work on the boat while loaded on the trailer.
Keel support	Keel support will accommodate size and type of keel and is covered with marine grade carpet. Keel support will be constructed from C channel or pressure treated board.

# Special Float-Off Package Equipment

Bow stop and ladder	The bow stop will be constructed of structural tubing. Atop the bow stop will be a 3,200-pound capacity launching and retrieval winch. When design permits the bow stop will be fabricated with a ladder allowing you access to the launching and retrieval winch and the bow of the boat.
Keel guides	Carpeted keel guides are standard on 99% of our Float-Off models. Their purpose is to keep the boat centered while you are launching and retrieving.
Extension tongue	On Special Float-Off models the extension bar is located off centerline and can be up to 24 feet in length. The extension tongue is not designed to resist tongue weight rather it is designed to push and pull the weight of the boat and trailer. The extension bar is equipped with a pivot feature that prevents the bar from bending as a result of downward tongue weight forces. Tongue weight forces are supported by the pneumatic front launching wheels.
Pneumatic front launching wheel	A set of pneumatic launching wheels located at the front of the trailer support the tongue weight of the trailer while launching and retrieving. The launching wheels can also be used to manually move the trailer.
Front roller	The hull will also be supported by a roller located forward of the keel under the centerline of the boat. The roller keeps the bow elevated during launching and retrieval which eliminates confliction with the trailer winch.



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# Recommended trailer packages

## **Light use trailer- minimal mileage, minimal highway usage**

Please see page 3 for current pricing

- Bow stop and ladder - included equipment in all Special Float-Off models.
- Electric brakes
- 2- rear stabilizing jacks

## **Consider adding these options for trailers that will travel extensive mileage or that will see heavy highway travel**

Recommended options listed below. Please see page 3 for current pricing

- Spare tire and trailer mount
- LED light package
- Upgrade drum brakes to Galvx coated vented disc brakes
- Upgrade trailer suspension from spring sprung to Eliminator Torsion Bar suspension



LED Lights



Spare tire and trailer mount



Torsion bar suspension with vented disc brakes



Bow stop with Forward mast carrier

Important Note: The above recommended trailer packages are recommendations made based upon sales of our most popular options as well as customer feed back. Triad Trailers Ltd. cannot be held responsible if a customer is dissatisfied with the options they have selected. The options we offer are simply to assist the trailer owner while operating and storing the trailer

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