Boat Trailer Guide
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Roodberg offers the largest range of Launch- Recovery and -Transport trailers since 1978, to meet every individual need per client. We would like to explain that we offer 3 different models; being the HBC, RBT and the RAB.

When more than 50% of the boats to be handled are Sailing YACHTS the HBC-model should be preferred.

When more than 50% are MOTOR YACHTS the RBT-version is a better choice, because the height of the frame is 20 to 25 cm lower than the HBC-models.
The RAB model is the **Road-Approved Boat** trailer for slow traffic. It can have brakes suitable to go into the water. This makes the model suitable to launch and recover boats beside transporting them on (public) roads with low speed up to 25Km/hour.

**General Features**
The Roodberg Hydraulic Boat Trailer is designed to **launch and recover** boats on a slipway, **transport** the boats over land and **park** them in a storage area. Because it has an **open U-frame** design, including hydraulically operated **variable width**, it is the worlds **fastest** way of handling boats.
Since no slings have to be used it speeds up boat-handling dramatically. This means you can **park more boats in less time** and increase your profit! Secondly you can **park much more boats per square meter** than with any other system. Again, you increase your profit!

*Dry-berth Marina at Curacao Marine, Caribbean*

*All boats parked using the hydraulic steering drawbar (no rear wheel steer!)*
Best possible hull-support
Lifting boats under their hull also means one has to take special attention about the distribution of the weight to minimize point pressure to the hull.

Roodberg experience dates back to 1978 and is nowadays recognized being world-champion in supporting the hull.

The boats are supported on large soft pads to give maximum comfort to the hull and all trailers can be delivered with more pads or special designed dual pads. Each dual pad is made of 2 soft polyurethane pads 60x40cm which give as total support to the hull of 120cm long and 40cm wide per pad……

Dual pad adapt to the hull in length and width direction

For very week or thin hulls the newly designed Quattro pads are ideal to distribute the weight over a very large surface. With its total length of 180cm and width of 40cm (4 pieces of 40x40cm) per pad, point-pressure to the hull is minimized to the absolute minimum.
HBC38 with 4 Quattro pads and 4 extensions pieces (yellow)
The frame and the pads are **height adjustable** independently, to keep the boat horizontal / water level under all circumstances.

*Bow supported on hi/low loose crossbeam*

The drawbar is manual **extendable** to fit boats of different lengths. Hydraulically extendable or an extra long drawbar version can be offered to handle longer boats.

*Extra Long hydraulically extendable drawbar + frame*

The hydraulic cylinders are especially designed and manufactured by Roodberg, and all lifting cylinders are manufactured including built-in **safety valves**.
The steel-construction of the boat trailer is shot-blasted to SA 2,5 and protected with a **2-component** paint-system, colour yellow RAL 1028. (for best in-water visibility) When submersed into salt water, we recommend the optional **hot dip galvanisation** of the steel frame followed by an additional 2-component paint-system. All hydraulic couplings can be protected with a so called “Denzo” grease tape.

![Denzo grease tape](image1.png)  ![stainless steel strips under pads](image2.png)

The boat trailer is also suitable for transporting Roodberg **T-form cradles**, and when necessary, 4 point-crades with lugs.

![Rear T-form cradle supports](image3.png)  ![front T-form cradle support at loose crossbeam](image4.png)
Equipped with high capacity pneumatic tyres, it offers optimal comfort through any terrain capable of carrying the load. This saves a tremendous amount on pavement costs.....

A further advantage is that whilst transported on pads, not every boat needs a cradle. Many boats can be transported only on pads and stored on studs. This means that you can save a lot of money on storage materials and pavement.
Pulling vehicle
An agricultural tractor, tele-handler or reach truck can be used to pull the boat trailer. It uses the hydraulic facility of the pulling vehicle for all functions of the boat trailer.
In case you use a “shovel” or tele-handler as your pulling vehicle, we recommend radio remote control operation. Reason for this is the fact that it is not allowed by law to install the hydraulic control pane inside a cabin (due to 200bar hydraulic pressure).

Using radio remote control, we supply a single sender/transmitter which sends signals to a radio remote receiver. The pulling vehicle than needs a pressure and return + 12V connection. The E-connector is supplied with the trailer.
Catamaran Handling
A Roodberg Launch- and Recovery Trailer is the best solution to handle catamarans up to 12M wide.
Either supported under it’s “bridge-deck” (as above) or by means of 2 optional Roodberg catamaran beams.

Additional information
Read more why clients choose a Roodberg solution at www.roodberg.com