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 world’s 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 efficiency! Secondly you can store many more boats per square meter than with any other system. Again, you increase your efficiency!

Best possible hull-support
Lifting boats under their hulls also means one has to take pay particular attention to the distribution of the weight to minimize point pressure to the hull. Roodberg experience dates back to 1978 and is nowadays recognized as being world-champions in supporting the hull. The boats are supported on large soft pads to give maximum support to the hull and all trailers can be delivered with more pads or specially designed dual or the large Quattro pads.

Support to the hull and all trailers can be delivered with more pads or specially designed dual or the large Quattro pads.

The frame and the pads are height adjustable independently, to keep the boat horizontal / water level under all circumstances. The drawbar is extendable to fit boats of different lengths. The hydraulic cylinders are purposely designed and manufactured by Roodberg, and all lifting cylinders are manufactured to include built-in safety valves.

Pulling
Although most trailers are sold as pulled versions, hooked up to a tractor, wheel-load telehandler or pushback, all trailers can be delivered as self-propelled.
Why a Roodberg Static Power Crane? (SPC)

The advantages of a Roodberg Static Power Crane with 4 lifting points compared to cranes with 1 lifting point are:

**Design and use**
- Low construction for easy planning / building consent
- Maximum clearance between ground and horizontal arm
- Maximum lifting height since the strong back / lifting frame is integrated into the top horizontal arm
- 4 independently controlled lifting points
- 2 by 2 moveable lifting points allow exact positioning of slings longitudinally along the boat
- 1 man operations possible
- All 4 hoists protected with rain covers

**Safety**
- Using 4 independently controlled lifting points gives maximum control over the boat

**Maintenance**
- Easy repair through simple and understandable construction
- E-compartment with oversized lockable door
- 5 years warranty from international paint suppliers on paint system
- Galvanized chains and oversized chain-bags

**CE-conformity**
- Designed and built according to CE-regulations.

Boat-hoist 20 to 1000tons

Open-end frame design, closed at the front end by a high and forward-mounted crossbeam, reducing the need for dismantling the stays. All sections are made of first class steel with round shaped corners and longitudinal double welding. The sections are sealed to prevent interior rusting. Clients benefit from this construction in the long run, since their maintenance costs will be at the lowest level. The specially designed steel construction allows all wheels to follow the terrain. All calculations are to European standards giving maximum safety, strength, reliability and increased life-time!

**Power pack**
Powerful and oversized industrial diesel engine with sensing hydraulic pump. The power train is systematically assembled which makes it very accessible for maintenance. All loose components are built into the power pack which is watertight to meet the toughest environmental rules. Two large sized gauges give load indication on front and rear slings. A full set of engine controls and warning lights are provided, including overload warning lights and horn.

Manufactured in Holland since 1978
General

The steel-constructions of the boat trailers, Static power cranes and boat hoists are shot-blasted to SA 2,5 and protected with a 2-component paint-system. The trailers can be delivered with a combined hot dip galvanization + coated for salt water environment.

Building such equipment for many decades has gained us vast experience and taught us that a quality machine will give good return on investment. That is why we are strict in our design policy of “Simplicity and Robustness” as well as our “Neat & Clean” design.

This combined with high quality components and a highest grade of preservation of the steel structure in our in-house shot-blasting and coating facilities will ensure a machine that even after 10 years still looks like new!

Roodberg maintain a full warehouse of essential spares and consumables, but more important is that fact the machines are designed in such way that all parts and components are easily accessible and replaceable and wear & tear parts are locally available at low cost.

Special products division
Roodberg with its in-house engineering office is able to provide for any custom-built designs for any logistical equipment. For example, storage solutions for RIB or fast attack craft, airborne solutions for air transport of small and large vessels, complete maintenance logistical advice.