

we keep your systems running



RC

Hydraulik- und Industrieservice GmbH



Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

www.rc-hydraulik.de

Head office: Werkstraße 1, 28857 Syke-Germany

Phone: +49 4242 577560

Fax: +494242 577529

Mail: info@rc-hydraulik.de



RC Hydraulik- und Industrieservice GmbH was founded in 2004 as a
Repair and **C**onsulting
company for maritime solutions.

With the experience of more than 20 years in motion and control for shore and offshore hydraulic driven machineries we started to provide our customers a service to keep their systems running.

Getting more and more under pressure from the customer side, to offer a bigger range of supply, we started our first own designed hydraulicsystems and cylinders.

In the next years we followed the market where more and more projects have been focused on TURN KEY solutions for a better, faster and more aligned project process-

The controlled growing of the company, with the main focus on longtime relationships to the customers, was the base of the continuous continuation in offered products.

RC Hydraulik- und Industrieservice GmbH offers you Turn Key project solution partnership for different kind of applications.

Our most principle is allways:

To keep the customer satisfied

Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

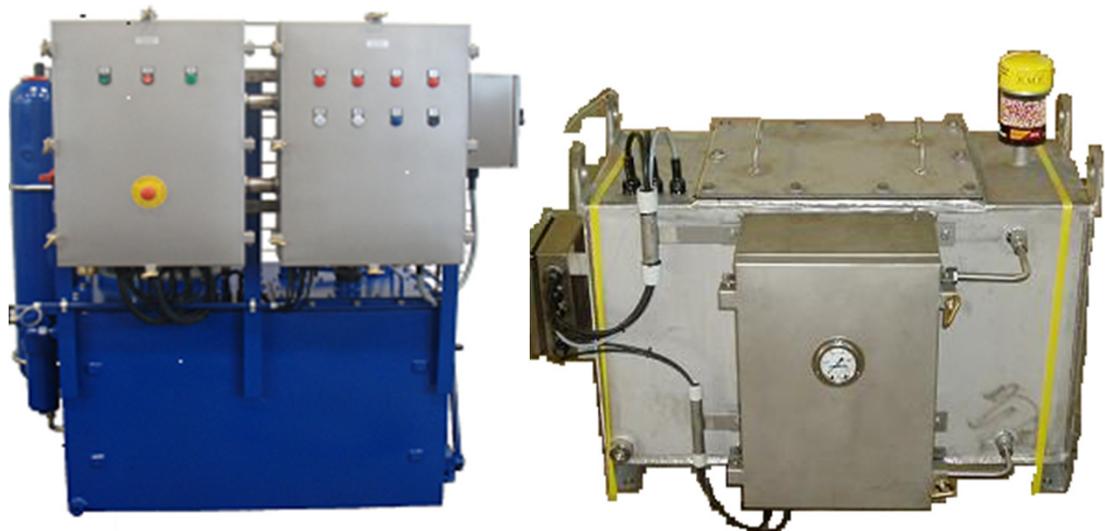
we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

Hydraulic powerpacks



We offer hydraulic systems

with a flow of 0,2L – 1000L/min and a pressure up to 1600 bar

the hydraulic systems will be calculated, designed and fabricated in our house under ISO 9001 : 2008 regulations.

All hydraulic systems will be tested on our own test field.

main focus on : function, pressure, flow and leak test under maximum operation condition

The quality control procedure will be strictly followed and all steps from design up to the shipping will be documented.

With our in house electrical department we are able to provide the customer with a complete power pack solution incl. all switch items from on-/off to PLC controls

Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

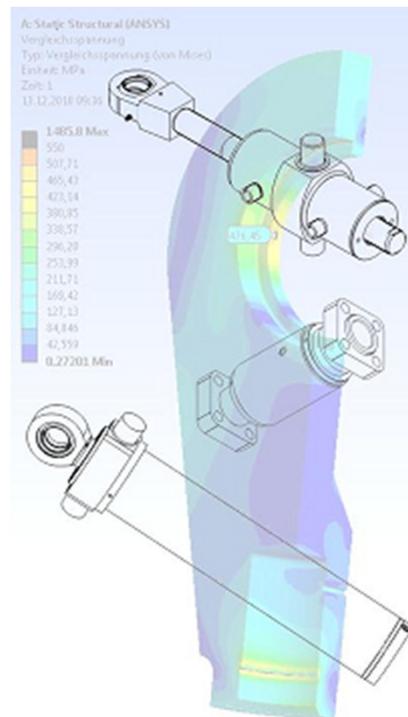
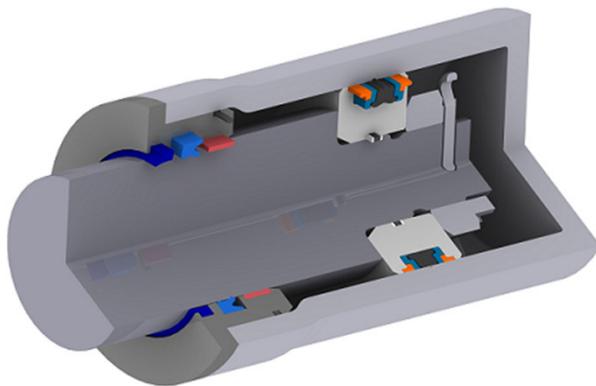
we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

Hydraulic cylinder



Hydraulic cylinder design and manufacturing

- Design with Auto Cad 2012 or Inventor
- Stress analysis with CadFem
- size up to 28 inch bore and 14 inch rod
- pressure up to 700bar
- sensor control systems
- valve blocks
- material selection to optimize the lifetime



Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

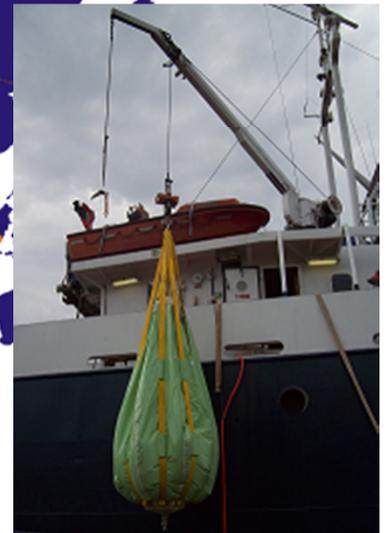
we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

LSA-Service



Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

RC Hydraulik- und Industrieservice GmbH is an independent and authorised service supplier for Inspection acc.

IMO MSC.1 / Circ. 1277 as also MSC.1 / Circ. 1206
and

- **MSC.1 / Circ. 1331**
- with following Class and Flagstate approvals
- Bureau Veritas (Zertifikat 1341HBR12)
- Det Norske Veritas (Zertifikat HAM-11-3133)
- Germanischer Lloyd (Zertifikat 11-041897)
- Lloyds Register (HAM0836007)
- Berufsgenossenschaft für Transport und Verkehr (Zertifikat 439.012)
- Well trained service engineers ,with various manufacturer training certificates,
- are able to do provide you with the best independent service .

- **Service, spare parts and repair from one hand.**

- Manufacturer authorisation list could be provided on request



Dienststelle
Schiffssicherheit



Lloyds
Register
LIFE MATTERS



MANAGING RISK
BUREAU
VERITAS
DNV

Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

•

we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

Repair



offshore valve block overhaul

at side hydraulic-cylinder
seal exchange



port to port sailing on board repairs



Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

Our service team provides a range of different repairs and services like

- Inspection of hydraulic systems
- Repair of hydraulic-cylinders, pumps, motors and valve
- Hose services
- Piping and fitting
- fluid service
- Erection and start up system
- Pressure testing
- Electric services for on-/off and PLC systems
- Deck Equipment services and repairs
- Steering gear services
- Planetary and wormgear overhaul
- Steelworks incl. machining and installation
- LSA system modifications
- Boat repairs for Life- and Tenderboats incl. engine service and hook exchange
- Winch repairs

- You daily worry about high rate manufacturer service with expensive OEM spare parts?
- There is no need for:
- Independant service supplier with excellent spare part purchahse will reduce your running costs.
-

Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

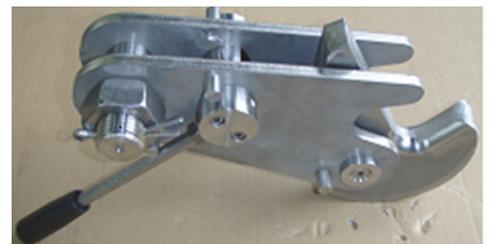
Decks Equipment

Where ever special deck equipment is required our design department can be of help

- Accomodation ladder winches
- Slip hooks
- Bowsing gears
- Lifting devices
- Ramp motion and control systems
- Davit and crane modifications



Accomodation ladder winch



Slip hook with swl 4 to

Faltable stern ramp



Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

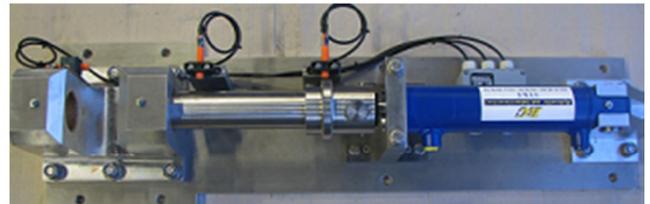
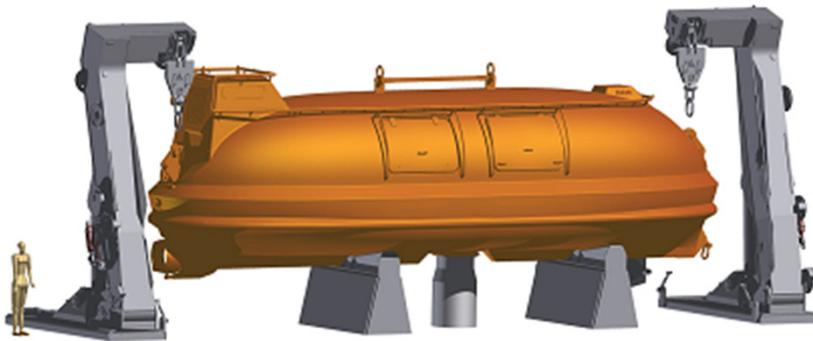
we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

Machinery



Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

- RC Hydraulik- und Industrieservice GmbH is specialized to develop and design solution optimized machineries for on- and offshore applications.
- Special Davit or Lifting Appliances
- Locking devices
- Belt drives
- Boarding Platforms
- Steering gears
- Hatch and water tight door systems
- Power generator mounting devices
- Special tools
- Attraction carousel equipment
- Test devices
- Tree climbing self running limb cutting machine

.....

You have the idea and we have the power to realize it.

Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner

we keep your systems running



RC

Hydraulik- und Industrieservice GmbH

Company figures and facts

- 320m² offices
- design software (Auto Cad 2012, Mega Cad, Inventor 2012, Cadfem)
- 1680m² workshop and warehouse
- 3000m² free storage area
- 2 pcs forklift (2,5 / 6 to)
- 4 pcs indoor crane (2,5 – 10 to)
- 6 service vans
- 2 pcs service car
- 1 test field 3 x 500 Ampere (max. 220 Kw)
- 1 dynamic / static test device 60to
- 6 inert gas welding machines
- 2 set mobile fire cutting equipment (oxygen lancing)
- 3 pcs electro-/hydraulic pipe bending machines (6 – 60mm)
- 5 pcs lathe machine (up to 4500mm length)
- 3 pcs milling machine
- 2 pcs box column drill
- 56 pcs waterbag (330kg + 6,0 to) +equipment (load cells, shackles and pumps)
- 1 pcs laser based online particle counter
- 4 pcs online hydraulic control system (flow, pressure and temperature)
- hydraulic jacks up to 100to
- all needed hand tools and special equipment for hydraulic,electric and service works
- more than 5000 articles on stock
- > 20 employees

Engineering, design, manufacturing and installation from one HAND – your TURN KEY partner