



CRANE + LIFTING TECHNOLOGY
TECHNICAL SHIP SUPPLY

SERVICE AND INSPECTION
TROUBLE SHOOTING
LOCAL SERVICE TECHNICIANS
CRANE SPARE PARTS
GENERAL SPARE PARTS
24 HOURS/365 DAYS

WORLD WIDE CRANE SERVICE

Your crane specialists

Based on our long years experience, we can cover with our own service engineers and our cooperation partners all your service requirements for cranes and hydraulic equipment throughout the world.

You can pass your crane problems to us and we will take care for trouble shooting, service and spare parts.



Engineers

More than 25 crane engineers are working under our umbrella. All of them are very skilled in electric, hydraulic and mechanical issues and most of them do have long years service experience in cranes and shipping.

Nearly each of them can work as supervisors together with cheap local workers from shipyards and workshops.



Equipment

Depending to the required work, our engineers will bring their own tools and equipment.

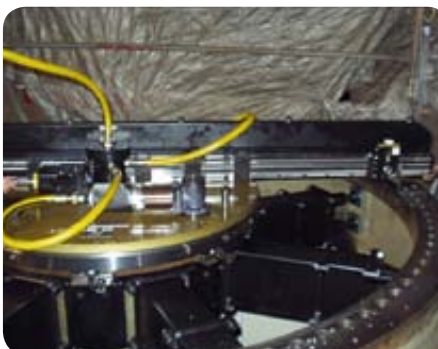
Tool boxes with needed items such as chain blocks, special tools, gauges and measurement tools, oxygen lance as well as machining tools are available to be sent to your vessel.



■ Overload test



■ Flange rework



■ Jib repair



WE KEEP YOU LIFTING

Trouble shooting/ Emergency service

Our 24/7 hotline always will support you and your crew. Many problems can be solved by phone and e-mail.

We always have engineers on duty available to travel to your vessels for immediate attendance.



Inspection/ Prevention

Annual inspections and regular rocking tests of your cranes will give you a clear status about the condition. With our inspection protocol (check list) you will get our recommendation about service work and spare parts and we will tell you, what is important to do as soon as possible and what can wait until next docking. This will give you a value tool for budget planning and it will make sure, that your cranes are always ready for operation.

Annual inspections will avoid or reduce off hire cost.



Planned service/ Maintenance

Based on a pre-docking inspection maintenance during dry-docking can be planned. All parts and tools can be shipped in advance on low cost level.

Our engineers will take over the work or the supervising of the work for your cranes.

Adjustments of limits and overload test as well as discussions with class surveyors will be part of our work.

If required, we can organize the complete scope of work including welding, flushing of pins with oxygen lance as well als rework of flanges for slewing bearing installation – on spot worldwide.

■ Replacing drivers cabin



■ Slewing bearing replacement



■ Electronic card repairs



BLM



Cargotec/MacGregor



NMF



IHI



Liebherr



O&K, LMG, TTS



■ **Slewing bearing repair**



■ **Crane hook inspection and repair**



■ **Workshop and repair center**



■ **Inhouse test facility**



■ **Big stock of new and overhauled parts**



Worldwide at your service

We are able to cover all your service requirements for all brands of cranes and for most other hydraulic and mechanical equipment on your vessels. We are also able to deliver most of the spare parts for your cranes.

Own offices and service stations:

- Germany/Hamburg
- Singapore
- Philipines/Angeles City
- India/Kandla

Locations of cooperation partners:

- Netherlands/Rotterdam
- Belgium/Antwerp
- Sweden
- South Afrika/Durban + Cape Town
- Argentina/Buenos Aires
- Several locations of partner-subcontractors and engineers in Asia via our Singapore office (China, Indonesia, Vietnam, Thailand, Malaysia)



■ Germany



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■ Singapore



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■ India



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24/7 @ your service!

For orders or any questions please call our service-hotline **+49 (0) 41 29 95 53-0** or send us an e-mail: **info@freudenberg-cranes.de**

RANGE OF PRODUCTS

CRANES

- MacGregor · Cargotec · Högglunds
- Liebherr
- TTS · NMF/KRUPP/O&K/LMG/
- BLM · Brissonneau + Lotz
- KGW · Luzhou
- Towimor (*partly*)
- Japanese and China Makers
(*partly – Tsuji, IHI, Mitsubishi, Fukushima and others*)

GRABS

- SMAG · PEINER
- ORTS
- Verstegen
- Hartmann + König

WIRE ROPES

- WDI · Python
for cranes and other applications

HYDRAULICS – winches, cylinders, valves, pumps, motors

- Bosch · Rexroth · Hydromatic
- Parker · Denison
- Högglunds
- Bauer
- Sauer/Danfoss

GEARS

- Zollern
- Lohmann + Stolterfoht
- Brevini

ELECTRIC COMPONENTS – motors, contactors, transformers, switches, measurement, safety items

- ABB
- Siemens
- Telemecanique
- Schneider
- Klöckner Möller
- Eaton

GENERAL SPARES

- German pumps – *Allweiler, IMO, etc.*
- Separators – *Westfalia, Alfa Laval, Blohm & Voss, DVZ, RWO*
- Water sterilizer – *Aquafine, Ueberall*
- Compressor parts – *Hatlapa, Bauer, Sauer & Sohn, Sperre, York*
- Plate heat exchanger – *Sondex, Alfa Laval, GEA, Swep*
- UV-Filter – *Aquafine, Ueberall*
- Kidde Graviner
- Evac
- Air Tools – *Trelawny, Trident Neptune*
...and many more!



20 Years 1994 - 2014

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