

Seebeck® Mooring Equipment

The outstanding advantage of the Seebeck® Mooring Assemblies is a low profile and a compact design with free suspended hanging hooks and a minimum of labour to operate.

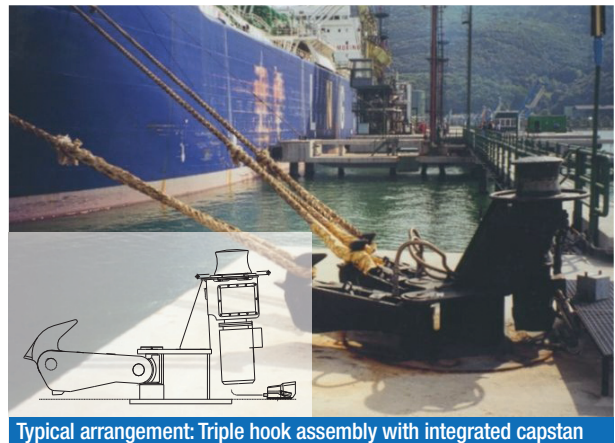
We offer quick release mooring hooks with mechanical, electrical and hydraulic remote control. The electrical jetty capstans are either freestanding or integrated in the hook assembly. If required, mooring hooks can be supplied with load monitoring equipment.

Our hook assemblies allow a quick and easy release of mooring lines in case of emergency situations and at any load condition within the specified load limits. The manual release force at safe working loads amounts to less than 150 N. Each hook may be released individually and is load tested before delivery on a certificated and approved test bench. The test load amounts to 1,25-fold of the safe working load.

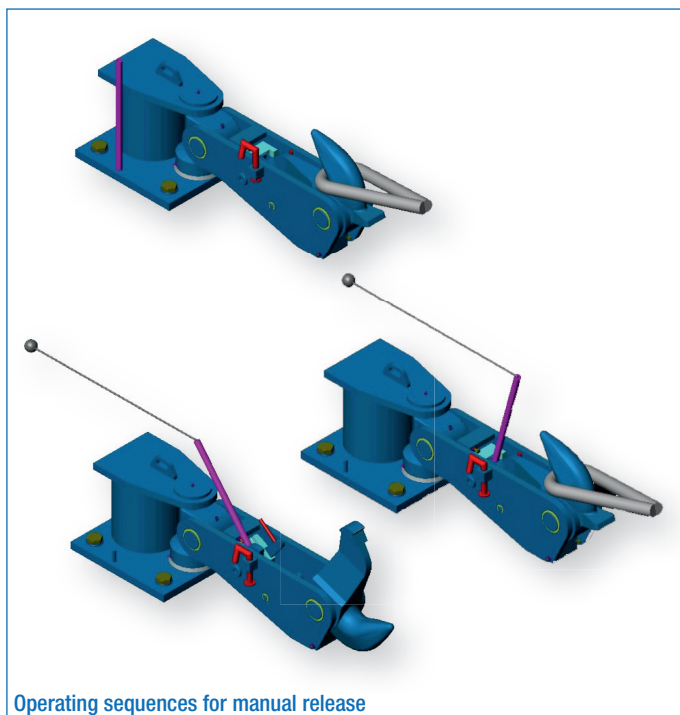
The Seebeck® Mooring Equipment corresponds to the current national and international safety regulations; in particular the Mooring Equipment Guidelines, 3rd Edition (MEG3), 2088 of Oil Companies Inter-

national Marine Forum (OCIMF) and is supplied with a Certificate of Conformity (CE). All currently valid explosion prove regulations will be met.

In addition: We offer reconditioning and repair for a wide range of quick release mooring hooks and capstans as well as spare parts for all types of Seebeck® Quick Release Mooring Hooks and Jetty Capstans.



Typical arrangement: Triple hook assembly with integrated capstan



Operating sequences for manual release

Since 2000 the TSU GmbH continues the longstanding production of the Seebeck® Mooring Equipment. The Seebeck® Mooring Systems have proven their outstanding performance for decades in harbours all over the world. More than 10.000 mooring units have been produced since 1958.

TSU GmbH is a proof tested welding company according to the German Industrial Standard DIN 18800-7, Klasse E and DIN 15018 (Großer Eignungsnachweis) and is certified according to DIN EN ISO 9001:2000. Further examples of our quality seals are the Germanischer Lloyd Certificate about Approval For Welding and the GOST-R Certificate of Conformity.

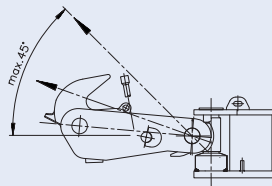
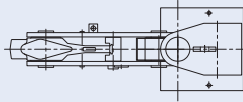
You may find further information on our company and the complete catalogue of Seebeck® Mooring Equipment as PDF-format on our homepage

www.tsu-gmbh.de

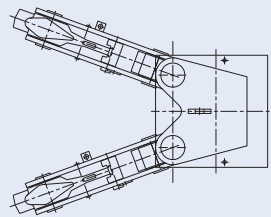
Should you require any further information please do not hesitate to contact us.

Various different arrangements

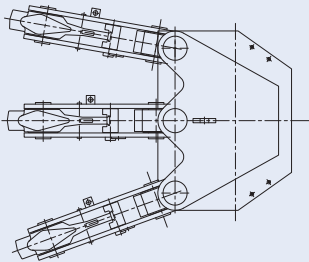
Single



Double

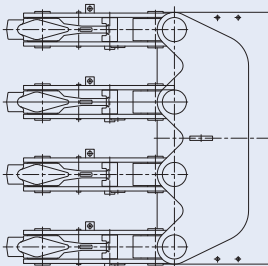


Triple

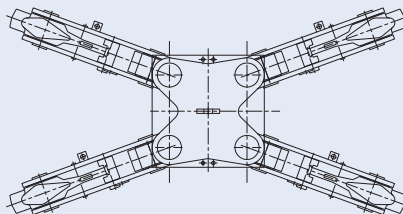


Based on the shown assemblies various different arrangements are available. Please specify your special requirements and we shall provide a suitable solution.

Quadruple



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Type "V"

