



**Custom  
solutions  
engineered to  
perfection**




# Committed to delivering excellence

CRAMM IS A SPECIALIST MANUFACTURER OF HYDRAULIC EQUIPMENT FOR SUPER YACHTS AND EXPLORER YACHTS.

BOARDING EQUIPMENT, CRANES, DAVITS, HULL DOORS, TELESCOPIC MASTS, HPU'S, IF REQUIRED CERTIFIED TO LLOYD'S, DNV, ABS ETC. STANDARD ENGINEERING DESIGNS AND PRINCIPLES CAN BE CUSTOMIZED TO A HIGH DEGREE.

CRAMM IS ALSO WELL-KNOWN AS A RELIABLE REFIT PARTNER, REPAIRING, REFITTING OR CONVERTING HYDRAULIC EQUIPMENT OF MANY BRANDS.



A photograph showing the side of a yacht on the left, with a black hydraulic boarding platform extended into the blue water. In the background, there is a steep, rocky cliff with some green vegetation. The water is calm with gentle ripples.

With over 65 years existence Cramm offers a wealth of knowledge and experience to the top of the (luxury) superyacht industry. Many things have changed in those sixty-five years but our commitment to deliver excellent products has not.

#### HISTORY

Founded by Mr W.H.A. Cramm in 1954, and initially active in dredging, agricultural, road works and fishing industries, it was in the early 1970s that Cramm Yachting Systems started specializing in hydraulic equipment for yachts. Since then Cramm has had a long and successful history as a supplier of a wide range of yacht equipment. In 2005 Cramm had established itself as the world leader in customised and modular superyacht equipment.

Nowadays, apart from offering hydraulic equipment for newly built yachts, Cramm is at least as busy contracting for refits, conversions and maintenance agreements.



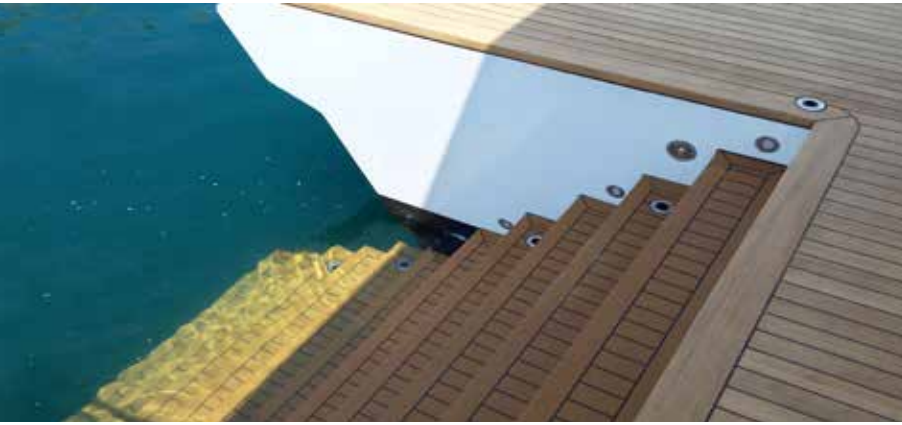
# Highest quality standards



OVER THE YEARS, CRAMM HAS DEVELOPED, ENGINEERED AND PRODUCED A WIDE RANGE OF UNIQUE PRODUCTS AND PROJECTS. WHEN CHOOSING CRAMM, SHIPYARDS KNOW THEY WILL BE WORKING WITH AN INNOVATIVE, RELIABLE AND SERVICE-ORIENTED PARTNER WHO WILL DELIVER THE HIGHEST STANDARD OF QUALITY.







### ROTATING SWIMSTAIRS

Located at the stern of the yacht the rotating swimstair allows access to the water in deployed position. In stowed position the stair forms part of the stern/ swimplatform of the yacht. The stairs can be clad in teak, synthetic material or anti-skid painted. A removable stainless steel railing can be supplied for support.

### ACCOMMODATION LADDERS

Compact design accommodation ladders in many shapes and sizes, from four steps to twenty steps and more, built from stainless steel. These ladders can be stowed either in a pocket in the bulwark or in a (watertight) box underneath the deck from which they lead. Fully automatic deploying and stowing. Steps are covered with either teak or synthetic material and subtly illuminated.



### PASSERELLE

Specifically developed for stern boarding in the Mediterranean the Cramm passerelles allow up and down movement, rotation and telescopic versions to lengthen the reach. Passerelles may be equipped with wheel sets for resting on the quay, passerelles will then be in float mode to follow wave motion as well as sideways movement of the vessel. Passerelles may also be equipped with self levelling steps to be used as swim stairs. Passerelles are stowed in a weathertight or watertight box. A hatch to close off the box can also be supplied.



## DECK CRANES

To launch rescue boats, tenders, water toys and to handle cargo Cramm manufactures its own range of deck cranes, standard cranes, knuckle boom cranes, folding cranes, with or without telescopic jib. Certified for rescue operations or 'manned tender', or simply for cargo, these hydraulic cranes are robust and dependable with compact design and a beautiful finish.

Although usually cranes are straightforward in their intended use, Cramm has customized cranes for some customers to a very high degree. For example one crane was used, in its stowed position, as a walkway between two decks, complete with teak top and removable stanchions.















# Ultimate launching & recovering



## TENDER GARAGE CRANES

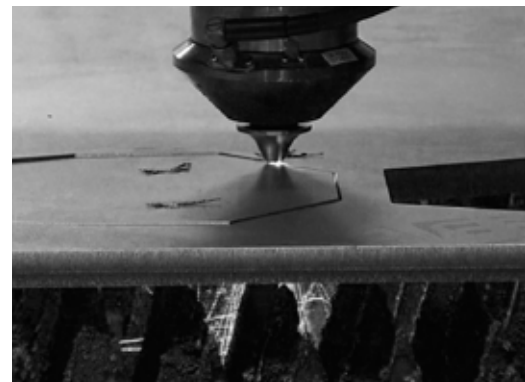
Mounted to the deck above these davits slide outboard through an opened hull door to launch tenders, rescue boats, life rafts, submarines and 'water toys'. Cranes can be certified by LRS, DNV, ABS or other notified body if required. These davits offer a compact solution for launching and recovering.

Cramm has an alternative tender garage crane that mounts to the deck above and rotates outboard.





# Your solution provider



CRAMM YACHT EQUIPMENT SATISFIES ALL DESIGN STANDARDS, PROVIDING A PERFECT MATCH FOR EVERY SUPER YACHT, AND CAN BE PROVIDED WITH ANY REQUIRED CERTIFICATION. FOR ANY SPECIFIC DESIGN OR SPECIAL FEATURE THAT NEEDS TO BE INCORPORATED IN YOUR EQUIPMENT, CRAMM WILL BE HAPPY TO CUSTOMIZE TO YOUR WISHES.







## HULL DOORS

Opening up the side of the yacht offers many additional possibilities, such as tender storage, swim platforms, beach clubs, balconies and more. Cramm doors are highly reliable even under the toughest sea conditions. The design of the hull door is based on a 3D model of the client's yacht, and custom-made in aluminium, steel or stainless steel to enable differing shapes, sizes and weights. Client requests may include, windows, portholes, railing, teak cladding, swimstairs etc. The hull doors are hydraulically powered and locked, with failsafe systems incorporated. It goes without saying that the hull doors are certified to the required Rules.



## LARGE HATCHES

Cramm offers large hatches to close tender wells or helicopter garages. These hydraulically operated hatches can be made to custom shapes, with or without camber and can, if required, be constructed to withstand the impact of a helicopter landing. When closing a rescue boat well the hatches are of course certified to the appropriate Rules.







# Innovative engineering combined with superb craftsmanship



## TELESCOPIC MASTS

Cramm telescopic masts are used as (navigation) light masts. Cramm masts are manufactured from stainless steel, with extension parts receiving an elegant brushed finish. Telescopic masts can be retracted below deck for a clean look, and allow the deck space to be used for other purposes.

To ensure that every length of mast can fit on or below the superyacht deck, Cramm telescopic masts can be constructed in single, double or even triple telescopic sections to reach the desired height of the navigation light. Using telescopic sections means that the storage system will require less build-in space underneath the deck. By adding teak to the top of the telescopic mast, it will blend into the deck in stowed position. Cramm telescopic masts are engineered for storms up to Force 12 (Beaufort) and can withstand severe weather conditions unstayed.





## BOAT BOOMS

The boat booms are usually placed near a tender garage or boarding platform. They are single or double telescopic depending on the requested reach and available storage length. Upon request a winch system can be incorporated to lower the hook. Boat booms are supplied with a certified watertight or weathertight box/trunk for welding in the hull. The outer end of the boom neatly closes the gap in the hull in stowed position.



## SLIDING BRIDGE WING CONTROL STATION

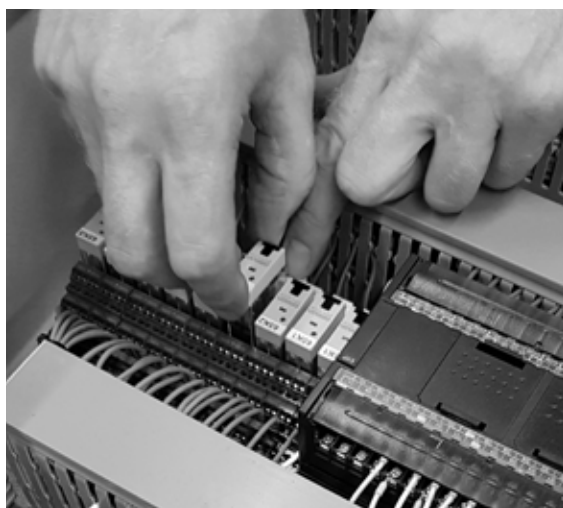
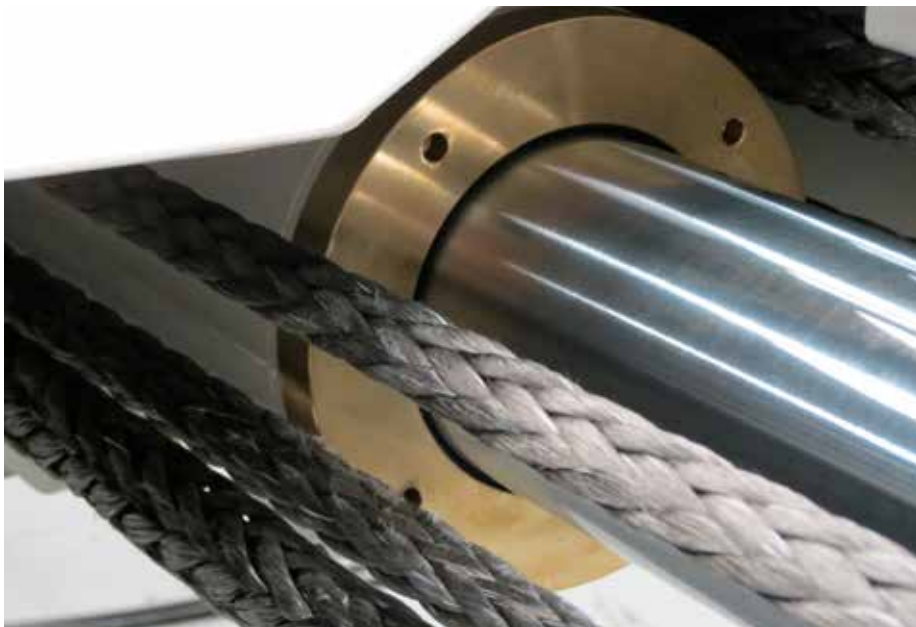
A sliding bridge wing control station allows a much better view of the surroundings when manoeuvring the yacht as well as better communication with the crew. This makes for safer manoeuvring and less possibility of damage. When at anchor or under way the control station is in its stowed position enhancing the aesthetic lines of the yacht.

## SCISSOR LIFT

One of the latest developments by Cramm is the scissor lift. Hydraulically powered, this system makes it possible to lift heavy loads with very compact equipment. Possible applications are helicopter platform lifts, pool floor lifts and tender lifts.







# Solid reliability in customer service

## REFIT AND REPAIRS

Structural collision damage, mechanical breakdown, renewals; our engineers and project managers have a wealth of knowledge and experience in carrying out repairs and refits using the latest technology. We gained experience from working with numerous shipyards, crew members and architects on a wide range of brands. This makes us a specialist in high-quality refits for all types of yacht equipment. We offer a total solution for any refit & repair requirements of the hydraulic equipment on board of a superyacht. Worldwide!





## SERVICE AGREEMENT

Cramm offers a service contract to end-user clients after a new product has been supplied or for existing equipment after a preliminary inspection and acceptance. For a predetermined number of years Cramm will carry out a yearly inspection and perform preventive maintenance. This ensures trouble-free use of the equipment which Cramm guarantees. No unscheduled downtime, no unpleasant surprises and inspection by the OEM. Please contact the Cramm Service desk for more information.

## SERVICE AGREEMENT BENEFITS

- Continuous correct operation of the equipment
- Malfunctions are minimized and repairs limited
- No unexpected down-time, only conveniently scheduled visits
- Controlled and limited costs, no expensive specialised training and investment in special tools
  - Minimizing of calamities
- No large expensive and space consuming spares stock
  - Reduction of (operational) risk







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