

# A-frame rotating cranes

The AMS A-FRAMES are lightweight, carbon fibre cranes systems designed for tender launch and recovery from the stern of explorer yachts. Capable of handling loads up to 4,500 kg - or more on request - they combine strength, reliability, and ease of use.

Custom-built to fit the yacht's geometry, the cranes feature a fully integrated lifting system with no external winches, reducing visual impact. When not in use, they are completely hidden beneath electro-hydraulically operated flaps.

## KEY ADVANTAGES

- Tender launching and recovery from the yacht's stern area
- Lifting capacity up to 4,500 kg (higher capacities currently under development and available upon request)
- Up to three lifting points available
- Fully integrated lifting system within the carbon fibre frame. No external or visible winches
- Fully hidden below deck when not in use
- Smooth and silent motion
- Swivelling hook for flexible tender handling
- Corrosion-resistant materials ensuring long-term durability
- Tailor-made design with state-of-the-art engineering solutions

**PLC-controlled system with remote interface ensures synchronized, safe and precise movements.**





<b>Lifting capacity</b>	Up to 4,500 kg (higher capacities available on request)
<b>Operating system</b>	Hydraulically actuated
<b>Automatic operation</b>	Managed by PLC logic integrated in the main electrical switchboard to ensure the correct operating sequence
<b>Manual operation</b>	Manual mode available to bypass the PLC control and perform emergency maneuvers when required
<b>Hydraulic power unit</b>	Hydraulic power pack designed to ensure proper system operation and synchronized column movement. Manual hand pump for emergency use included
<b>Power supply</b>	400 VAC operating voltage
<b>Materials</b>	Carbon fibre rotating structure with AISI 316 stainless steel yacht interfaces
<b>Finishing</b>	Painted in any RAL colour or with a glossy clear carbon finish