

Handling systems

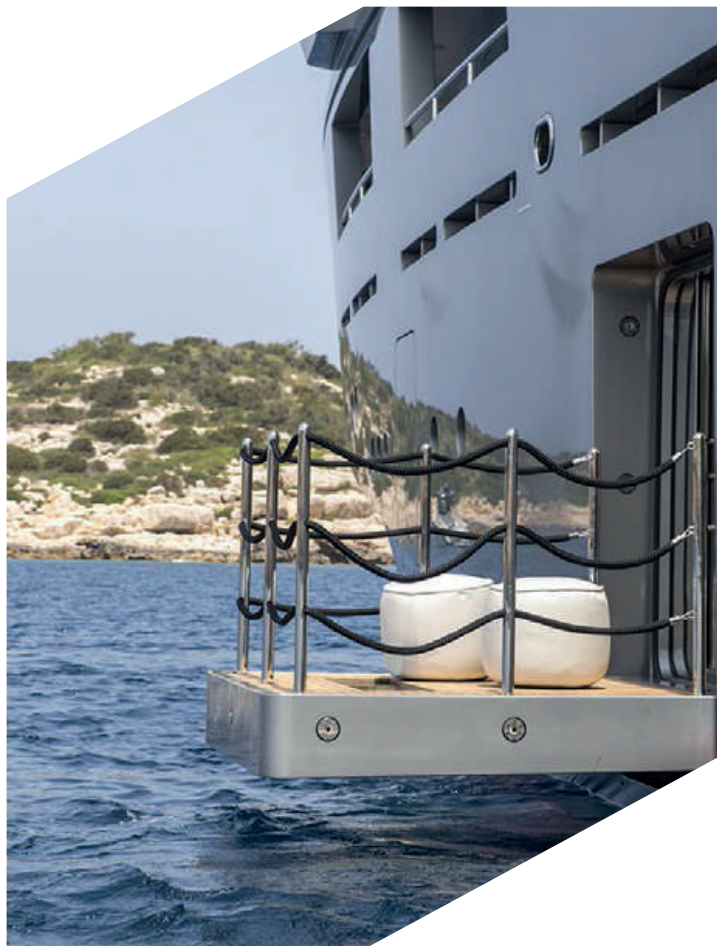
AMS handling systems are custom-engineered to meet each yacht's specific requirements. They are carefully designed and manufactured to ensure the perfect balance between lightweight, ease of operation, and technical reliability.

KEY ADVANTAGES

- Kinematics tailored to each project's requirements (simple rotation, roto-translation, four-bar linkage)
- Hydraulic, electric, or manual actuation
- Fail-safe operating logic
- Smooth and silent motion
- Compact, hidden, and space-saving design
- Corrosion-resistant materials
- Tailor-made, state-of-the-art engineering solutions
- Long-lasting quality and reliability

Thanks to its extensive experience and strong technical background, the AMS team is able to handle the most complex projects, always finding the best balance between system efficiency, technical reliability, and refined aesthetics.





Handling system types	Transom doors, garage doors, balcony doors, pantograph doors, sliding doors, foldable bulwarks, hatches, and any type of hull doors
Operating system	Hydraulically actuated; electric or manual versions available on request
Automatic operation	Automatic operation is managed by PLC logic integrated into the main switchboard, ensuring safe and correct motion sequences
Manual operation	Manual handling mode is also available to bypass the control logic and perform emergency operations when needed
Control system	Electric switchboard for local operation configured for remote operation from the wheelhouse or other location
Hydraulic power unit	<ul style="list-style-type: none"> - Hydraulic power pack designed for guaranteeing the correct functioning of the system - Manual hand pump included for emergency operation
Power supply	Operating voltage: 24 Vdc, 230 Vac, or 400 Vac, depending on vessel configuration
Locking system	Hydraulic locking pins; electric or manual versions available on request
Materials	Stainless steel. Aluminium or carbon fibre light versions available on request
Finishing	Polished stainless steel for visible parts; anodized or painted aluminium, carbon-look or coated carbon fibre finishes available