Portable carbon fibre davits

AMS Advanced Mechanical Solutions

AMS portable carbon fibre davits combine lightweight design, strength, and safety in a compact and elegant solution for on-board lifting operations. Engineered using advanced composite technology, each davit is designed to meet Class standards and to withstand real operating loads while maintaining a refined appearance consistent with the yacht's design.
Every system is custom-developed to simplify and rationalise on-board handling tasks, ensuring safe and effortless operation under all load and sea conditions.



KEY ADVANTAGES

- Winch automatic locking device to prevent the accidental lowering of the load
- No wiring needed. Winch with power tool fitting (optional) for automatic handling of the load
- Deck socket with bearings to guarantee 360 degrees easy and smooth rotation under every load condition
- Compliant with man overboard, man riding and rescue boat launching standards
- Dismountable for easy installation and stowage
- Wide range of sizes and working loads available
- Carbon fibre lightweight portable crane with high lifting capacity
- Non-corroding materials
- State-of-the-art solutions tailored to customer needs

AMS portable carbon fibre davits are bespoke, lightweight lifting systems designed to simplify and secure handling operations on board ensuring safety, precision, and elegance in every condition.

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Reach	From 1,500 mm to 4,000 mm
Height under hook	From 2,000 mm to 3,000 mm
Crane weight	From 25 kg to 70 kg (equipment included)
Safe working load (SWL)	– Rescue service: up to 600 kg (higher on request) – Cargo service: up to 1,200 kg (higher on request)
Deck socket	Anodised aluminium with roller bearings
Winch	Automatic locking device; optional power-tool interface
Material	Carbon fibre with epoxy resin, vacuum consolidated
Design criteria	Compliant with SOLAS and Class standards; Class approval available on request
Finishing	Carbon-look or painted in any RAL/custom yacht colour

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