

RAW0011

HCR SYSTEM

KEY FEATURES

- **Tracks:** Magnetic, suitable for above and below waterline cleaning.
- **Cleaning Efficiency:** Effective on various marine biofouling levels (light slime to heavy animal fouling).
- **Operational Flexibility:** Fewer restrictions on cleaning times and locations.
- **Environmental Impact:** Reduces fuel consumption and GHG emissions.
- **Durability:** Over 4,000 hours of continuous underwater operation.
- **Safety Compliance:** Available in ATEX Zone 2 version for intrinsic safety.

TECHNICAL DATA

- **Cleaning Ability:** 200 - 500 m² / h
- **Weight:** 89 kg
- **Dimensions:** L747 mm x W562 mm x H310 mm
- **Power Requirements:** Operates on 110-240 V, 13 A+ at 50-60 Hz
- **Crafted in Denmark** from advanced, non-corrosive materials

HCR-SYSTEM INCLUDES:

- Hull Cleaning Tools (Cavitation and/or Brush Tool)
- High Pressure System (Cavitation only)
- Load Arrestors and Sandbags
- Remote Control
- Storage Cage for Equipment Safekeeping
- Winch Station for Cable Management and Cables
- Tablets with Cameras and Integrated Sensors for Robot Navigation
- Zone Markers and Status Indicators
- Launching Ramp
- Standard Tool Box

OPTIONAL ATTACHMENTS:

- **The other Hull Cleaning Tool** (Cavitation or Brush, depending on which was in the system).
- **High Pressure Tool 18** (HPT00018) for cleaning above the water line.
- **High Pressure Tool 10** (HPT0010), an extended rig for inaccessible areas above waterline.
- **Additional Load Arrest System** for securing the robot in a safe distance.
- **Capture System** for the Cavitation Tool.

ATTACHMENTS FOR CARGO HOLD CLEANING:

- **High-Pressure Accessories** like lances, hoses, and spray guns for cleaning ground-level areas, stairs, and other easily accessible spaces for manual cleaning.
- **In-Line Heater** for cleaning difficult products with hot water.
- **High Pressure Tool 12** (HPT0012) with 6 nozzles for faster cleaning between frames.
- **Air-Driven Brush Tool** (HPT0013) for cleaning cement and other dry cargoes.
- **Ramp** (5 x 1 m) for accessing negative angles, such as corrugated bulkheads or large deck penetrations.