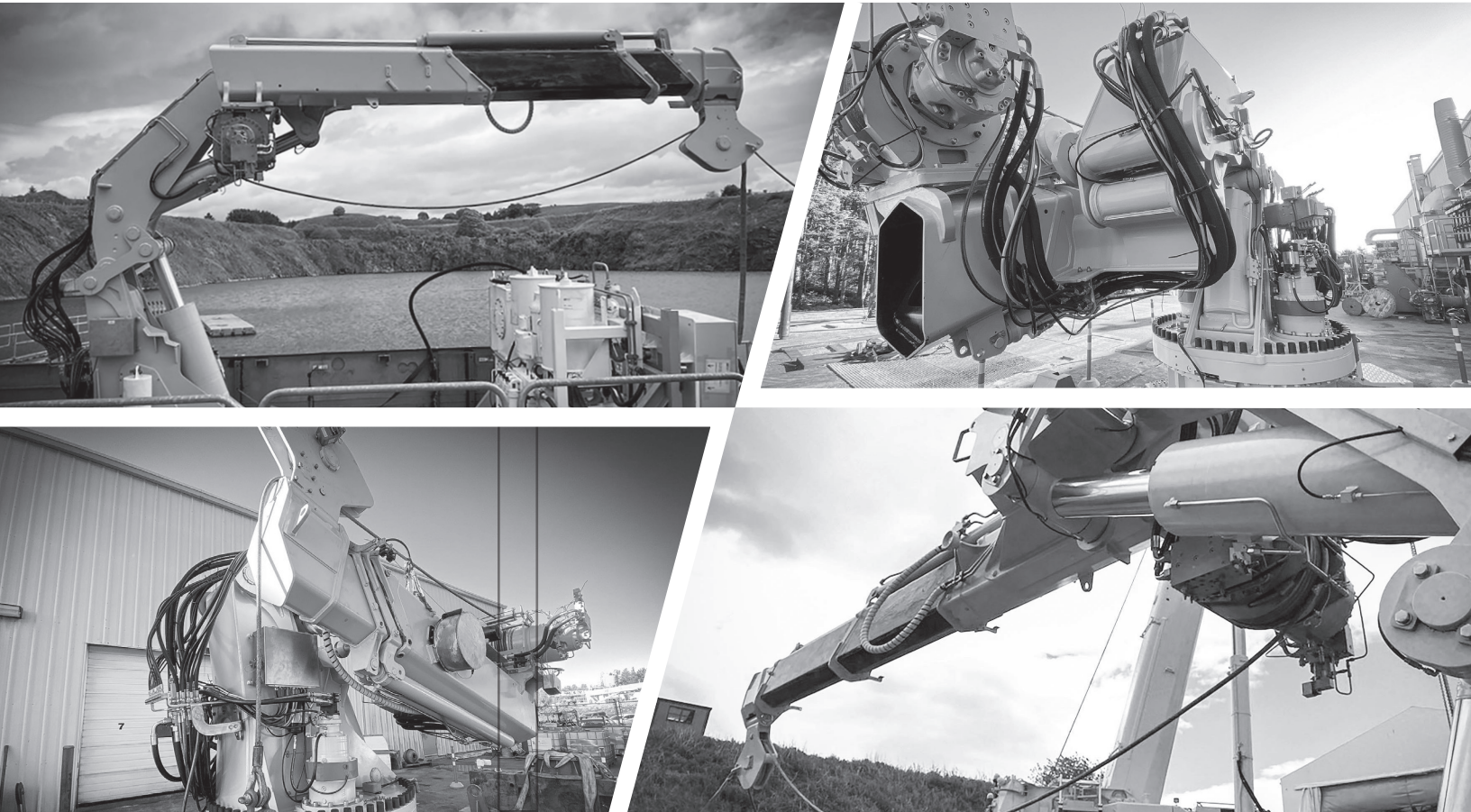


FAST RESCUE CRANES



Designed. Built. Marine.



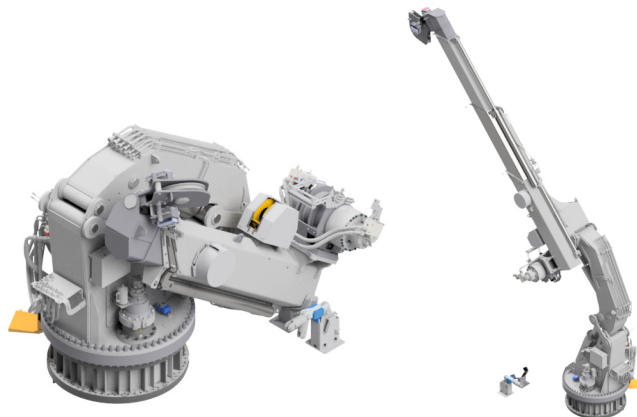
HAWBOLDT MULTI-PURPOSE/FAST RESCUE CRANE

Hawboldt Fast Rescue (FR) Cranes are designed for launch of manned RHIB's, emergency response and cargo handling in severe conditions. The FR Cranes include a constant tension (CT) winch that is SOLAS and LSA approved to provide reliable launch and recovery in temperatures as low as -40°C and sea states up to Sea State 6.

With a 25+ year service life, our FR Cranes are built for the toughest challenges. Hawboldt's FR Cranes are available with a number of options, including but not limited to: integrated hydraulic power unit, remote controls, load moment indication (LMI), shock requirements, constant tension winch. Our sales staff would be happy to discuss your application and find the perfect solution.

STANDARD FEATURES

- ▷ 2x fail safe winch brakes
- ▷ Infinitely variable speed control in hoisting mode
- ▷ Proportional tension control in CT mode
- ▷ Slack line detection
- ▷ Marine coating system
- ▷ Certified to Lloyd's LAME code and compliant with MSC.48(66) and MSC.81(70) LSA code
- ▷ Shock absorbing system on crane and davit installations
- ▷ Shock Tested per MIL Standards



CUSTOM ENGINEERED

Crane Power Requirements:

- ▷ Hydraulic Supply
- ▷ 190 L/min @ 300 BAR [68 GPM @ 4300 PSI]



OPTIONS

- ▷ Telescoping-knuckle boom configurations (length options)
- ▷ Integrated or below deck hydraulic power unit
- ▷ Wired and wireless remote controls
- ▷ Personnel lifting
- ▷ Work area lighting
- ▷ Dual winch speed modes: low speed / high torque and high speed / low torque
- ▷ Anti-collision system
- ▷ Grooved winch drum
- ▷ Emergency HPU
- ▷ Compact stowed configuration
- ▷ Redundant power feeds and pump-sets
- ▷ Stainless steel fittings and hose ends
- ▷ Load Moment Indicator (LMI) system
- ▷ Arctic package for operations down to -40 °C
- ▷ Designed and certified to the many of the International Association of Classification Standards, including Lloyd's Register, Bureau Veritas, American Bureau of Shipping, American Petroleum Institute, and DNV GL.

Hawboldt's FR Cranes are available with a number of options, integrated hydraulic power unit, remote controls, load moment indication (LMI), shock requirements, constant tension winch. We would be happy to discuss your application to find the perfect crane solution.

LOAD CASE	REACH (m)	SWL (kg)	SEA STATE	SHIP SPEED (KNOTS)	WEIGHT (kg)
RHIB OPERATIONS	5.3	7030	2	8	8600
RHIB OPERATIONS	5.3	7030	3	6	8600
EMERGENCY RESPONSE	5.3	5500	5	6	8600
CARGO HANDLING	5.3	6200	5	6	8600
CARGO HANDLING	8.13	3400	5	6	8600
CARGO HANDLING	8.13	7030	HARBOUR	HARBOUR	8600