

Specifications

SERVICES

- Deployment and Recovery Support



OVERVIEW

Tamboritha has engineered a 3T knuckle boom crane for remote offshore operations, with an integrated base certified to international standards (EN12079). The HELIA (HML-6 2S) features an integrated HPU complete with whole of volume fluid bunding and boom mounted winch. Engineered sea-fastenings are incorporated into the structural frame with bolted seafastening points and seafastenings ready for weldout.

To ensure the minimisation of environmental impact hardware is provisioned with bio-degradable hydraulic and di-electric fluids, and incorporates physical bunding.

KNUCKLE BOOM CRANE (HML-6 2S)

2440mmL x 2040mmW x 3000mmH, Weight: 2.5T (EN12079)

- 2500 kg Net, 1000 kg Tare, 3500 kg Gross
- Line pull rating (DAF: 0) 705kg @ 8.4m
- Line pull rating (DAF: 0) 850kg @ 6.97m
- Line pull rating (DAF: 1.3) 654kg @ 6.97m
- Wire Rope 10mm ϕ 120m of non rotating crane wire
- Over the bulwark deployment (no requirement for open bulwark deployment)
- Boom mounted deployment / recovery winch (Brevini DW200)

HYDRAULICS

- HPU 40lt/min @ 3000 psi, fully bunded within structural base
- Brake speed control – double over centre valves on all cylinders and motors, boom extension pressure is reduced
- Biodegradable hydraulic fluid (Fuchs Plantohyde 46)
- Pressure tested hydraulic hoses

ELECTRICS

- 15kW electric drive
- 32 amp three phase soft start - 415 VAC (50 Hz) / 440 VAC (60 Hz) power
- Star / Delta starter power management
- 20m electrical cable with current testing and tagging

