



ISLE OF JURA

DAMEN RSV 3315 Offshore Service Vessel

Our Damen vessel is geared towards renewables service, anchor handling, dredger service, supply, towing, hose handling and survey.

The Isle of Jura's op system allows accurate positioning and minimal down time. **Accommodation comprises of:** heated and air-conditioned living spaces for 15 persons, consisting of 6 double crew cabins, 3 single crew, galley, mess and sanitary facilities. With the possibility to increase the capacity by means of containerised accommodation.

Isle of Jura is suitable for:

- > Diving Support > ROV Support
- > Servicing Renewables > Cable Lay
- > Dredging > Cable Protection > Seismic (OBS)
- > Anchor Handling > PLGR > Survey

Other Equipment

4 Point Mooring System, Stern Roller, Potable Water Maker, Towing/Anchor Handling Winch.

Vessel Specification

YARD NUMBER: YN 571795
(Damen Shipyards Hardinxveld)

DELIVERY DATE: October 2019

BASIC FUNCTIONS: Renewables service, anchor handling, dredger service, supply, towing, hose handling and survey

CLASSIFICATION: Bureau Veritas I Hull MACH Offshore service vessel, Unrestricted navigation, DYNAPOS AM/AT R DP2 with four thrusters and DP1 with fore thrusters and tunnel thruster

NAT. AUTHORITIES: MCA Workboat Class VIII

FLAG: United Kingdom

OWNER: Seafast Marine

Specification continued overleaf...

Vessel Specification Continued...

DIMENSIONS

LENGTH O.A.: 33.18 m
BEAM MLD: 14.50 m
DEPTH AT SIDES: 3.85 m
DRAUGHT AFT (APPROX.): 2.60 m (aft thrusters up)
DRAUGHT AFT (APPROX.): 4.90 m (aft thrusters down)
GROSS TONNAGE: 499

TANK CAPACITIES (APPROX.)

FUEL OIL: 130.0 m³
BLACK/GREY WATER: 9.0 m³
FRESH WATER: 34.0 m³
DIRTY OIL: 3.0 m³
HYDR OIL: 3.0 m³
LUB OIL: 3.0 m³
BILGE WATER: 4.5 m³
TECHNICAL WATER: 47.0 m³

PERFORMANCES

BOLLARD PULL: 43.3 ton(m)
MAXIMUM SPEED (APPROX.): 10.0 knots

PROPULSION SYSTEM

FORWARD THRUSTERS FIXED: 2 x Rolls Royce US105 P6 FP
POWER AND DIAMETER: 2 x 480 kW, 1300 mm with nozzle
AFT THRUSTERS SWING TYPE: 2 x Rolls Royce TCNS 073 FP
POWER AND DIAMETER: 2 x 800 kW, 1800 mm with nozzle
STERN TUNNEL THRUSTER: 1 x Veth, type VT-400 400kW
TOTAL PROPULSION POWER: 2560 kW (3481 hp)
DRIVES AND E-MOTORS: Vacon and Marelli Motori

AUXILIARY EQUIPMENT

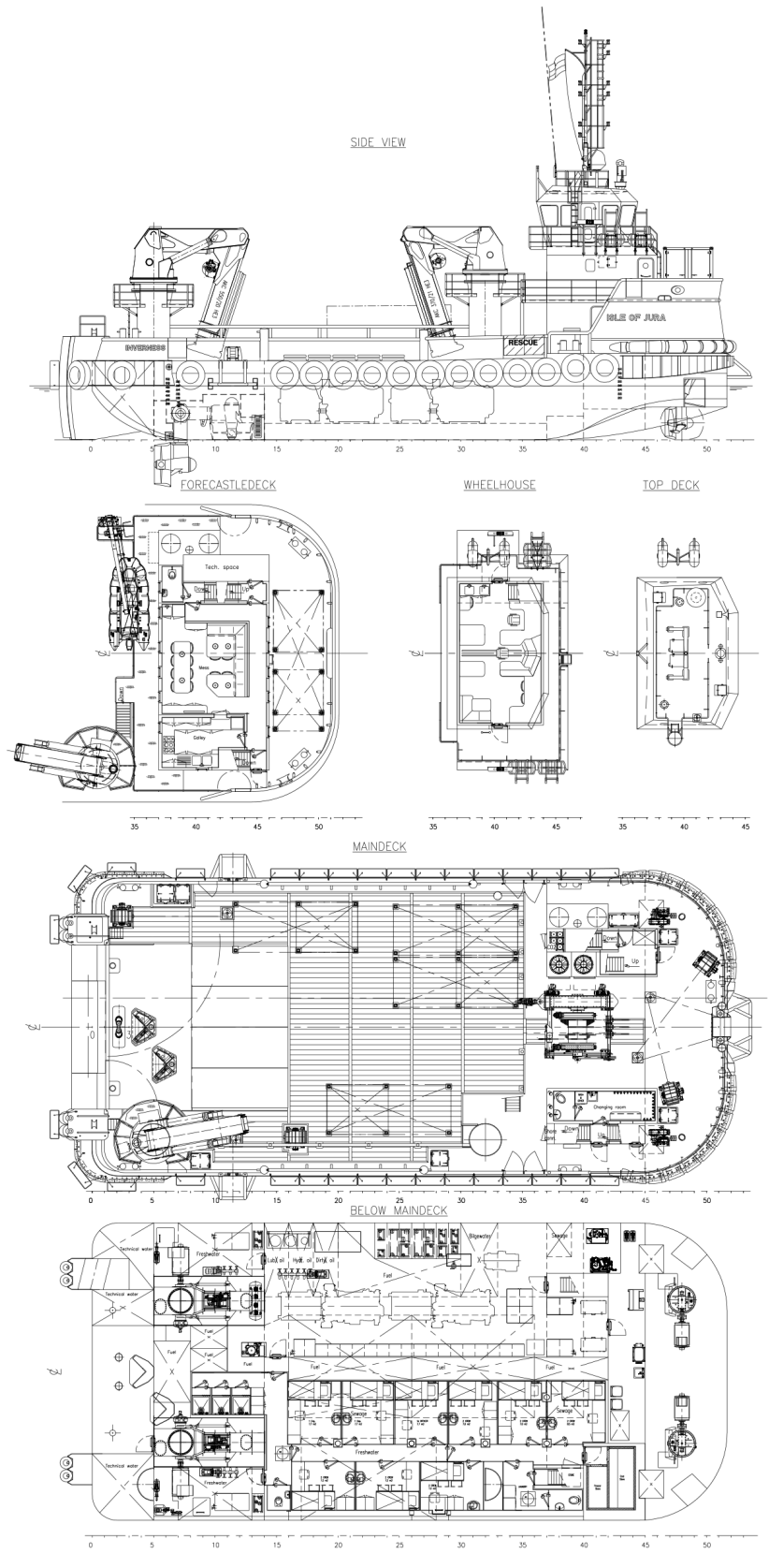
GENERATOR SETS: 2 x Caterpillar 3512C, 1727 ekW each
HARBOUR GEN. SET: Caterpillar C4.4, 85.5 ekW @1500 rpm
TRANSFER PUMPS: 2 x SIHI VW5I, 50 m³/h (FO and FW)
FUEL OIL SEPERATOR: Alfa Laval MAB 104

DIMENSIONS

ANCHOR: 2 x 430 kg Pool TW (HHP).
ANCHOR WINCH: DMT, hydraulically driven.
DECK CRANE FORE: HS Marine AKC 370 / 21 HE3 24 ton(m)
@ 10m, 9 ton (m) @ 21 m.
WINCH ON CRANE: 11 ton single fall.
DECK CRANE AFT: HS Marine AKC 550 / 20 HE3 33.5 ton(m)
@ 10.5m, 15 ton(m) @ 20 m.
WINCH ON CRANE: 11 ton single fall.
CAPSTAN: Electrically driven 5 ton @ 12 m/min.
AHT WINCH: DMT AHTW-H1500.
ANCHOR HANDLING CAPACITY: Anchor handling 150 ton @
4 m/min 200 ton brake holding power, Towing 55 ton @ 10 m/
min 125 ton brake holding power.
WIRE CAPACITY: Anchor handling 360 m, diameter 58 mm
Towing 650 m, diameter 44 mm.
TOWING HOOK: 1x Mampaey 45 ton SWL.
TUGGER WINCH: 4 x DMT 12 ton @ 22 m/min, 22 ton brake
holding power.
4-POINT MOORING SYSTEM: Winches, guide rollers, fairleads,
cow catchers.
SHARK JAWS GUIDINGPINS: 2 x Triplex H-200-HD and 1 x
Triplex S-115.
GUIDING PINS: 2 x WK- Hydraulics 35 ton 400mm.
**NAUTICAL AND COMMUNICATION
EQUIPMENT (GMDSS AREA 3)**
SEARCH LIGHTS: 2x Pesch 2000 W
HORN: Kahlenberg KB-30A with M-511D
COMPASS: Cassens & Plat, Reflecta 1
DP-SYSTEM: Kongsberg K-POS DP-21 with cloy
DGPS KONGSBERG: 2x Kongsberg DPS 110/112
REFERENCE SYSTEM: 1x Kongsberg Spottrack
WIND SENSOR: 2 x Gill Ultrasonic Wind Sensor
GYRO COMPASS: 3x Anschuetz Standard 22 Compact
RADAR SYSTEM: 2x Furuno FAR 2117
AUTOPILOT: 1x Simrad AP-70 Pendulum (2x AD80)

Vessel Specification Continued...

- ECHOSOUNDER:** 2x Furuno FE-800 200/ 50kHz
- DGPS:** 1x Furuno GP-170
- SPEEDLOG:** 1x Furuno DS-80
- CHARTSYSTEM:** 1x Transas NaviSailor NS4000 ECS
- VHF:** 2x T&T Sailor, RT6222
- HANDHELD VHF:** 2x T&T Sailor SP3520
- MF/ HF SSB:** 1x T&T Sailor 6310
- INMARSAT - C:** 2x T&T Sailor 6110 Mini-C
- NAVTEX:** 1x Furuno NX-700A
- AIS:** 1x Furuno FA-170
- WATCH ALARM:** 1x Furuno BR-500
- INTERCOM:** 1x Phonotech CIS 3000
- GSM:** 1x Huawei E525S-23A
- IRIDIUM TELEPHONE:** 1x Lars Thrane LT-3100
- CCTV:** 1x Orlaco AMOS with 8 cameras
- SATELLITE TV SYSTEM:** 1x Seatel ST24



VIBROCORER

An easy to use and proven Vibrocoring system

A sophisticated, electrically driven, vibrating coring system that can extract optimum samples at speed in depths of up to 1000m or more.

The original Med C Vibrocorer - VC(VKG) 3/6/9 - has been successfully operating in harsh climates and challenging deep-sea conditions for many years. Satisfied clients include Federal Maritime and Hydrographic Agency Germany, MMT Sweden, Fugro, Geo Marine Survey System (Geo-Corer) Netherlands, Next Geosolutions Italy, Jan De Nul Belgium and many others.

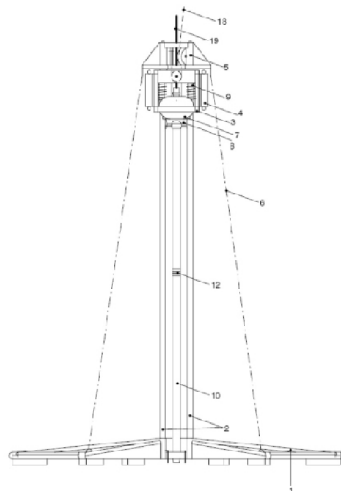
The Vibrocorer is available for purchase, rent or lease including all additional equipment, consumables and training required. If your operation only requires the Vibrocorer for a set period of time, we can provide Vibrocorer operators regardless of your project length.

APPLICATION

- > Smaller and lighter than others on the market
- > 4 main components, making manual assembly fast and straightforward
- > Great penetration power and far greater friction efficiency at overcoming friction in sediments
- > Can successfully penetrate all sand and gravel types, as well as stiff stratum such as permafrost sediments and crusts of gas hydrates.

FEATURES/BENEFITS

- > Up to 40 cores/sites extracted per day
- > Just 5-minute penetration and extraction time (with unlimited runtime)
- > Unique decoupling design resulting in minimum vibrational deadweight
- > Can be operated on smaller vessels with winch/lift capacity of just 20 kN
- > A standard core barrel length of 3 or 6 m with split barrels of 9 m
- > All equipment and consumables are manufactured to the greatest quality to ensure less downtime and less operational cost.



VC (VKG) - 3

Max. core length: 3000 mm
Core barrel diameter (inside): 102 / 96 mm(liner)
Core barrel diameter (outside): 108 mm
Max. working deepness: 250 m / 1000 m
Height: 4.50 m
Basement diameter: 2.70 m
Gross weight (excl. uploads): 0.75 t
Gross weight (full uploads): 1.0 t
Power supply (three phase AC): 380 - 440 V. 4 kVA, 50 - 60 Hz
Vibrating force: 30 kN / 7.5 kN (deep water)
Vibrating frequency: 28 Hz / 14 Hz (deep water)
Corrosion protection: hot zincd / stainless steel
Transport: Dismantled

VC (VKG) - 6

Max. core length: 6000 mm
Core barrel diameter (inside): 102 / 96 mm(liner)
Core barrel diameter (outside): 108 mm
Max. working deepness: 250 m / 1000 m
Height: 7.50 m
Basement diameter: 4.60 m
Gross weight (excl. uploads): 0.85 t
Gross weight (full uploads): 1.1 t
Power supply (three phase AC): 380 - 440 V. 4 kVA, 50 - 60 Hz
Vibrating force: 30 kN / 7.5 kN (deep water)
Vibrating frequency: 28 Hz / 14 Hz (deep water)
Corrosion protection: hot zincd / stainless steel

VC (VKG) - 9

Max. core length: 9000 mm
Core barrel diameter (inside): 102 / 96 mm(liner)
Core barrel diameter (outside): 108 mm
Max. working deepness: 250 m / 1000 m
Height: 10.50 m
Basement diameter: 26.50 m
Gross weight (excl. uploads): 0.95 t
Gross weight (full uploads): 1.2 t
Power supply (three phase AC): 380 - 440 V. 4 kVA, 50 - 60 Hz
Vibrating force: 30 kN / 7.5 kN (deep water)
Vibrating frequency: 28 Hz / 14 Hz (deep water)
Corrosion protection: hot zincd / stainless steel