


## AMS RETRIEVER DAMEN MULTICAT 2309



### GENERAL

**BASIC FUNCTIONS:** Towing, Pushing, Anchor Handling, Dredge Support, Ploughing, Dive Support, Supply, Salvage, Survey

CLASSIFICATION	Bureau Veritas I  HULL • MACH Tug Unrestricted Navigation / AUT-UMS (SS)
CERTIFICATION	MCA Workboat Category 1, MCA Loadline Exemption
FLAG	UK
BUILDER	DAMEN Shipyards, Hardinxweld
YEAR OF BUILD	2021
EMISSIONS	IMO Tier II
BOLLARD PULL	16.2 tonnes
SPEED (MAX)	9.9 Knots
SPEED (ECON)	7.0 knots

### DIMENSIONS

LENGTH O.A.	23.33m
BEAM O.A.	9.55m
DEPTH MOULDED	3.20m
DRAFT AFT (LIGHT/FULL LOAD)	2.00/2.30 m
GROSS TONNAGE	108 tonnes
FREE DECK AREA	98 m <sup>2</sup>
DECK STRENGTH	10 ton/m <sup>2</sup>

### PROPULSION SYSTEM

MAIN ENGINES	2 x Volvo Penta D16
TOTAL POWER	956 bkW (1,282 HP) @ 1800 rpm
GEARBOXES	2 x Twin Disc MGX 5170 DC 5.03:
PROPULSION	2 x Promarin fixed pitch propellers
DIAMETER	2 x 1500 mm in DMC Optima Nozzles
BOW THRUSTER	1 x Kalkman 90 eKW Electrical driven

### AUXILIARY EQUIPMENT

GENERATORS	2 x Volvo Penta D7 90 eKW, 50 Hz
HYDRAULIC POWER	2 X 55Kw
SERVICE PUMPS	2 X Azcuc CA50/3B, 20 m <sup>3</sup> /hr
FUEL OIL SEPARATOR	Facet MV 11 AG 1200 L/hr
SEWAGE PUMP	1 x Libellula L1-3H
AIR COMPRESSOR	Yes

### TANK CAPACITIES

FUEL OIL	69.3 m <sup>3</sup>
FRESH WATER	48.0 m <sup>3</sup>
LUBRICATION OIL	N/A
HYDRAULIC OIL	N/A
SEWAGE	4.0 m <sup>3</sup>
BILGE WATER	2.2 m <sup>3</sup>
DIRTY OIL	1.2 m <sup>3</sup>

### FIRE FIGHTING EQUIPMENT

FIXED	2 x Salt Water Hydrants, Novec Fixed Fire Protection System
PORTABLE	CO2, Dry Powder, Foam

### DECK LAY-OUT

ANCHORS	2 x 225 KG HHP (1 Stored)
ANCHOR WINDLASS	1 x Hydraulically driven, Techno Spirit
CHAIN	137.5 m x 17.5 mm U2 Stud link chain
DECK CRANE	Heila HLRM 140-4S, 8.1 ton @14.1m, 25.1 ton @5.79m
CRANE WINCH	1.5 tonne pull, 45m wire
ANCHOR HANDLING/TOWING WINCH	1 x Kraaijeveld, KA-15-H-TR/TR Split Drum
CAPACITIES	528m of 32mm and 27m of 32mm
PULL	1 <sup>st</sup> layer 50 tonne @10m/min and 15 ton @ 30m/min Brake Holding 62.5 tonne on 1 <sup>st</sup> layer.
TUGGER WINCH	12 tonne SWL
BOW ROLLER	944mm, SWL 52 tonne @ 60degr 5m wide
PUSHBOW	Full length rubber fendered
A-FRAME	SWL15 tonne
PLOUGH	9 metre

### ACCOMMODATION

Heated and air-conditioned living spaces for 7 persons consisting of 3 single cabins and 2 double cabins, a galley, mess and sanitary facilities. Below deck store and on deck store.

### NAVIGATION & COMMUNICATION EQUIPMENT

COMPASS	1 x Cassens & Plath, Reflecta 1
RADAR	2 x Furuno, FAR-1518 6.5ft / 4.5ft
GPS	1 x Furuno GP 170
ECHOSOUNDER	1 x Skipper ESN100
AIS	1 x Jotron TR-8000
AUTOPILOT	1 x Simrad, AP-70
NAVTEX	1 x Furuno NX-700
SEARCHLIGHTS	2 x Pesch 2000 W
VHF	2 x Sailor RT6222 with DSC
HANDHELD VHF	2 x Entel HT 649
SSB	1 x Sailor 6310
INTERCOM	1 x Zenitel, CIS3000
INMARSAT C	2 x Sailor 6110
FLEET SYSTEM	1 x Cobham Sailor 150 FBB
WATCH ALARM	1 x Furuno, BR 500
RADIO/TV SYSTEM	1 x Sea Systems SEAS-6000
VSAT	1 x Intellian V60G

