


## AMS RETRIEVER DAMEN SHOALBUSTER 2409



### GENERAL

BASIC FUNCTIONS	Towing, Pushing, Anchor Handling, Dredge Support, Ploughing, Dive Support, Supply, Salvage, Survey
CLASSIFICATION	Bureau Veritas I  HULL • MACH Tug Coastal Area. Temporary Unrestricted Navigation
CERTIFICATION	MCA Workboat Category 2, 60 nm MCA Loadline Exemption Irish Loadline Certificate  Irish P5 Passenger Vessel Certificate
FLAG	UK
YEAR OF BUILD	1997

### DIMENSIONS

LENGTH O.A.	24.80 m
BEAM O.A.	9.00 m
DEPTH AT SIDES	3.20 m
DRAFT AFT (LIGHT/FULL LOAD)	2.00/2.20 m
DISPLACEMENT (FULL LOAD)	255 tonnes
GROSS TONNAGE	94 tonnes
FREE DECK AREA	+/- 50 m <sup>2</sup>

### TANK CAPACITIES

FUEL OIL	59.0 m <sup>3</sup>
FRESH WATER	33.0 m <sup>3</sup>
LUBRICATION OIL	2.2 m <sup>3</sup>
HYDRAULIC OIL	1.1 m <sup>3</sup>
SEWAGE	3.5 m <sup>3</sup>
BILGE WATER	3.5 m <sup>3</sup>
DIRTY OIL	2.1 m <sup>3</sup>

### PERFORMANCE

BOLLARD PULL (CERTIFIED)	18.5 tonnes
SPEED (MAX)	9.5 knots
SPEED (ECON)	8.0 knots

### PROPULSION SYSTEM

MAIN ENGINES	2 x Caterpillar 3412 DI-TA
TOTAL POWER	1014 bkW (1360 bhp) @ 1800 rpm
GEARBOXES	2 x Reintjes WAF 360/4.92 : 1
PROPULSION	2 x Promarin fixed pitch propellers
DIAMETER	2 x 1500 mm in Optima Nozzles

### AUXILIARY EQUIPMENT

GENERATOR No.1	Hatz 4L41C Silent Pack
OUTPUT	35 kVA, 50 Hz, 230/400V
GENERATOR No.2	John Deere 6068 TF
OUTPUT	97 kVA, 50 Hz, 230/400V
TRANSFER PUMPS	For Fresh Water : SIHI 24 m <sup>3</sup> /h at 2.5 bar For Fuel Oil : SIHI 34 m <sup>3</sup> /h at 2.5 bar
FUEL OIL SEPARATOR	Facet MV 11 AG 1200 L/hr
HYDRAULICS	2 x Denison PW29 pumps - Engine driven

### DECK LAY-OUT

ANCHOR WINDLASS	2 x Ridderinkhof CAW-H-136
ANCHORS	2 x 180 kg Pool (HHP)
CHAIN	2 x 120 m x 17.5 mm U2 Stud link
DECK CRANE	Heila 65/3s, 5.4 t @ 10.58 m, 13 t @ 4.6 m
TOWING/AH WINCH	Ridderinkhof TW-H-400-95 Split Drum
PULL	32 tonnes at 6m/min and 6 tonnes at 24m/min
WIRE CAPACITY	400 m dia. 32mm/75 m dia. 32mm
BRAKE HOLDING	40 tonnes on first layer
TOWING HOOK	Mampaey DCX 8/15
TOWING/AH PINS	BMM – SWL 50 tonnes

### ACCOMMODATION

Heated and air-conditioned living spaces for 5 persons, consisting of a master's cabin, an officer's cabin and one three berth cabin, a galley and sanitary facilities.

### NAVIGATION & COMMUNICATION EQUIPMENT

MAGNETIC COMPASS	Sestrel Observator MK 12
SATELLITE COMPASS	Furuno SC-50
RADAR	Raymarine e125 HD Digital
GPS	Furuno GP 80
AUTOPILOT	Anschutz Pilotstar D
AIS	Transas T105
ECHOSOUNDER	Furuno FE-700
VHF	2 x Sailor RT2048 with DSC
HANDHELD VHF	2 x Sailor, 1 x Jotron
NAVTEX	JRC NCR-333
MF/HF TRANSCEIVER	Furuno FS-1562 DSC
INMARSAT C	Furuno Felcom 12
SATELLITE PHONE	Thrane & Thrane Cobham
BRIDGE WATCH ALARM	NavGard BWNAS
CCTV	MCB H 264
INTERCOM	Vingtor VRC-110M
SEARCHLIGHTS	2 x Francis

