



IMPRESA FRATELLI BARRETTA
DOMENICO & GIOVANNI S.R.L.
SALVATAGGI - RICUPERI - RIMORCHI



TECHNICAL SPECIFICATION OF TUG "ASMARA"

RINA 100 A1 TOWING – SALVAGE UNRESTRICTED SERVICE/FIRE FIGHTING VESSEL CLASS 1/UNMANNED ENGINE ROOM/OIL RECOVERY

TYPE OF VESSEL: AZIMUTH STERN DRIVE TUGS

FLAG: ITALIAN

PORT OF REGISTRATION: BRINDISI

BUILT: 1998, ANCONA

GT: 480 TONS

LOA/BEAM/MAX DRAFT: 34.20/10.80/4.90

CLEAR DECK SPACE: 85 M2

PROPULSION

MAIN ENGINES: 2 MAK 9 M 20 – 2 X 1710 KW at 1000 RPM

TTL 4651 BHP

PROPELLERS: 2 LIPS AZIMUTH CP THRUSTERS TYPE CS 1500
– 250/1500MN DIAM 2400 mm. (Z PELLER)

BOW THRUSTER: 1 SCHOTTEL 3,5 Tons THRUST
FITTED WITH “LIPSTICK” JOYSTICK SYSTEM
TO CONTROL WITH ONE HAND ALL THE
THRUSTERS

BOLLARD PULL: AHEAD 60 TONS./ASTERN 55 TONS.

CLASS: RINA 100 A1 TOWING - SALVAGE
UNRESTRICTED SERVICE/FIRE FIGHTING
VESSEL CLASS 1/UNMANNED ENGINE
ROOM/OIL RECOVERY

FIREFIGHTING: 2 x 1400 m³/H at 140 MT (TTL 2800 m³/H)

TWO REMOTE CONTROLLED MONITORS FOR WATER
AND FOAM

SELF PROTECTION – 28 TONS 3% A.F.F.F.TYPE
FOAM

RINA CLASSIFICATION FI/FI VESSEL 1

TOWING WINCH: 1 HYDRAULIC LOW PRESSURE ULSTEIN BRATTVAAG
WITH ONE DRUM IN TWO SECTIONS DIVIDED BY A
SPLIT FLANGE.

DRUM CAPACITY:

MAIN SECTION 750 MT Ø 48 mm. WIRE
(OFFSHORE HEAVY DUTY) SPARE WIRE
AVAILABLE ON BOARD

SMALL SECTION 250 MT Ø 68 mm. SPECIAL
“DYNEEMA ROPE”

DUTY ON TOWING: **DYNAMIC 50 TONS**

BRAKE 130 TONS

FITTED WITH AUTOMATIC
PULL/RELEASE SYSTEM

COMBINED WINDLASS/

TOWING WINCH: 1 WINDLASS/TOWING WINCH HYDR. ULSTEIN
BRATTVAAG

DRUM CAPACITY: 100 MT Ø 68 mm. SPECIAL
“DYNEEMA ROPE”

DUTY ON TOWING: **DYNAMIC 50 TONS**

BRAKE 130 TONS

TOWING HOOKS: 2 QUICK RELEASE TOWING HOOKS (1 FORE
AND 1 AFT) 65 TONS
FITTED WITH STERN ROLLER (LEIGHT 3.5 MT -
Ø 800 mm.), AND HYDRAULIC KARMOY
TOWING PINS

CRANES: 1 HYD EFFER CRANE – LIFTING CAPACITY
4000 Kg. AT 5 MT
1500 Kg. AT 10.30 MT

CAPACITIES: DO 232 m³, FW 84 T, FOAM 28 T, REC-OIL 50 m³,
DISPERSANT 10 m³
FITTED WITH ONE DEDICATED PIPE LINE
AND ELECTRIC PUMP TO SUPPLY FRESH
WATER

ACCOMODATION: 4 x SINGLE BERTH WITH PRIVATE
BATHROOMS, 3 x DOUBLE BERTH CABINS
GALLEY, STORE ROOM, REFRIGERATOR
ROOM WITH ICE-BOX (600 LITER),MESSROOM
ALL WITH AIR CONDITIONED AND HEATING
SYSTEM

RADIO AND NAVIGATION

EQUIPMENT: 4 x VHF AND GMDSS AREA A 3/ EQUIPMENT
AUTOPILOT/MAGNETIC AND GYRO
COMPASS/GPS/RADIO DIRECTION
FINDER/ECHO SOUNDER/TWO "DAYLIGHT"
RADARS 96 MILES (1X AND 1S BAND),
ELECTRONIC CHART DISPLAY, NAVTEX, TWO
REMOTE CONTROLLED SEARCHLIGHTS WITH
2000 W XENON LAMP
MOBILE "ETACS" PHONE
SATELLITE "MINI M" PHONE AND FAX

SALVAGE AND TOWING

EQUIPMENT N. 2 DIVING EQUIPMENT, WELDING AND
CUTTING EQUIPMENT, N. 2 FIXED DRIVEN
PUMPS AND N. 3 ELECTRIC PORTABLE
SALVAGE PUMPS 1000 m³. TOTAL DELIVERY
CAPACITY.
N. 3 SPECIAL "18 KARAT" ROPES - Ø 88 MM.
LENGTH 200 MT FOR EACH.
N. 2 55 MT. TOWING BRIDLE Ø 44 MM.
N. 4 30 MT. TOWING BRIDLE Ø 40 MM.
N. 4 LENGTHS OF TOWING CHAIN Ø 46 MM. 60
TONS. S.W.L.
5/10/20/35/55 Tons SHACKLES FOR LASHING,
TOWING AND OTHER DUTIES
N. 1 TOWING "FISH" PLATE 60 TONS S.W.L.