



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



## TECHNICAL SPECIFICATION OF TUG "MARIETTA BARRETTA"

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: 1997, 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 m<sup>3</sup>/H at 140 MT (TTL 2800 m<sup>3</sup>/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 m<sup>3</sup>, FW 84 T, FOAM 28 T, REC-OIL 50 m<sup>3</sup>,  
DISPERSANT 10 m<sup>3</sup>  
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 m<sup>3</sup>. 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.