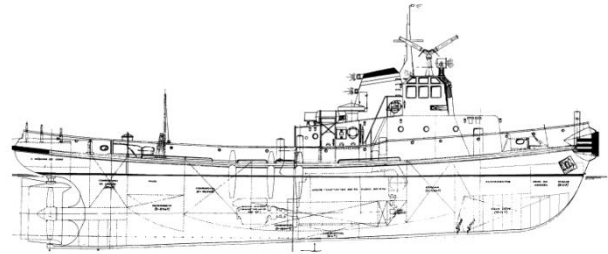


**TUG BOAT TECHNICAL DATA:**
**M/V "MONTINHO"**

**SHIP MAIN DATA:**

- IMO Nr.: 7911428
- Building Shipyard: SETENAVE – Setúbal, Portugal
- Hull Nr.: S111
- Construction Year: 1981 (October)

**CLASSIFICATION SOCIETY:**

- Bureau Veritas (BV)

**BV ID Nr.:**

- 14082

**CLASS:**

- I ✕HULL✕MACH, Tug, Coastal Area

**INSURANCE COMPANY:**

- LUSITÂNIA-MAR

**P&I:**

- CARINA

**SHIP DIMENSIONS:**

- Length O.A.: 33,36 M
- Beam M'L'D: 8,52 M
- Depth: 4,46 M
- Máx. Draught: 4,50 M

**DISPLACEMENT:**

- 433 T

**LIGHT SHIP:**

- 306 T

**MAX. FREE RUNNING SPEED:**

- 12 Knots

**BOLLARD PULL:**

- 35 TM

**GROSS TONNAGE:**

- 206

**NET TONNAGE:**

- 61

**ACCOMMODATIONS:**

- 8

**OWNER:**

REBONAVE – Reboques e Assistência Naval, S.A.

**CAPACITIES (APPROX.):**

Gasoil:	70 M3
Fresh Water:	15 M3

**MAIN ENGINE:**

MWM, Type TBD 500 - 8E

Power: 2.400 BHP @ 500 RPM

**GEARBOX:**

REINTJES Type WGV 60

Reduction Ratio 2,5:1

**PROPULSION SYSTEM:**

Four fixed blades' propeller, in steering Kort nozzle.

**AUXILIARY ENGINES:**

2 × MWM type D601.6 – 215 BHP @ 1.500 RPM

1 × MWM type D226.4 – 45 BHP @ 1.500 RPM

**ALTERNATORS:**

2 × 60 KVA, 380 V / 220 V @ 50 Hz + 1 × 40 KVA, 380 V / 220 V @ 50 Hz

**FIRE FIGHTING SYSTEM:**

Pump LOEWE, type 125/414 with capacity for 400 M3/H,

driven by auxiliary engine MWM Portside. Two water / foam monitors (Mounted on Top of the Bridge), with 200 M3/H capacity, each.

**DECK EQUIPMENT:**

Towing Hook, Capstan.

Towing Line: 220 M × 80 mm Ø

**RADIO AND NAVIGATION AIDS:**

HF/MF, VHF(2), Radar (2), AIS, GPS, Auto Pilot, Sounder

Satellite Phone: +881 641415819

Call Sign: CSYD

**REGISTER PORT:**

SETÚBAL, PORTUGAL

**REGISTER Nr.:**

S - 42 - RC