



SEABOATS

MARINE BROKERS WITH A GLOBAL APPROACH

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Transportable Mini-tug / MP Workboat



Listing ID - 3909

Description	Easily transportable Mini-tug / Multi-purpose Workboat
Date Launched	Built to Order
Length	6.50m (6.9m and 7.9m long models also available)
Beam	2.50m (8ft 2in)
Draft	0.7m (2ft 3in)
Location	ex Shipyard, Italy
Broker	Giuseppe Filippone giuseppe.filippone@seaboatsbrokers.com +39 329 886 8343
Price	from EUR 120,000
Price Notes	Can be delivered anywhere.

Based on a slightly smaller model we used to offer out of our Ukrainian shipyard, the MT650 is a new design that we now produce in Europe. It is a strong tug and push boat specifically designed for easy transportation : the operator can use her power, deck space and flexibility on any job around the world, and simply pack her on a truck or ship when the job is done.

The strong hull, large fendering and good bollard pull make this tug suitable even for demanding applications. Hull shape, hydraulic steering and large rudder area give a comfortable ride and excellent manoeuvrability. Her size and open layout make for easy access to the water or to other craft for towing or pushing. The half open wheelhouse gives good weather protection and excellent vision from pilot's position. Easy to operate, good sailing behavior and a good bollard pull, all in a small tug.

This boat can be deployed just about anywhere around the world. The compact size and shallow draft make this vessel easily hoistable and transportable on a truck, which means fast deployment even at the remotest of locations. She also fits a standard 40' High Cube container for overseas transportation. On the same design we can also produce 6.9mt and 7.9mt models (fully transportable).

BASIC FUNCTIONS

Designed for:

towage
pushing
service assistance
port duty.

CLASS

Phoenix Register of Shipping (Coastal boat with LOA < 20mt . Distance from shore < 5 nm,. Max wave height < 1.2 mt)

The boat complies to Nordic Rules for workboats under 8mt length. No Class documents issued.

RINA, BV or Lloyds class optional.

CONSTRUCTION

Hull and superstructure of steel RCA: Marine grade RINA A class - tensile yield stress 235 Mpa / St3ps (standard EN 10025-2 10025-3)

2x watertight bulkheads

Transverse framing on 400 mm centers

Thicknesses:

Hull sides 5 mm

Hull bottom 6 mm

Deck 5 mm

Wheelhouse 4mm

FENDERING

Heavy duty PU to Owner's requirements.

Fenders are demountable for transport and replacement

MAIN CHARACTERISTICS

LOA: 6.50 m

Beam: 2.50 m

Depth: 1.32 m

Draft: 0.80 m

Height of boat in transport condition (removed wheelhouse) 2.4 m

Weight of boat (transport weight): 7.2 ton

Endurance by fuel: 24 hr

Designed speed: 8 kn

MACHINERY

Main Engine to Owner's choice. Offered as standard the following options :

#1 : FPT N40 170, Rating C, 110 kW (150 HP) @ 2800 rpm

#2 : FPT N60 400, Rating C: 198 kW (270 HP) @ 3000 rpm

#3 : Volvo Penta D5A TA, Rating 1, 102 kW (139 HP) @ 2300 rpm

Gearbox reverse/reduction: ZF (ratio depends on engine choice)

PROPELLER

One FPP (fixed pitch propeller) 4-blade steel propeller D =710 mm

ELECTRIC:

12 V from engine generator 12V and 24V (batteries may work in buffer mode)

STEERING ARRANGEMENT:

Mechanical hydraulic pump with steering cylinder transmitted power to one steel rudder.

VARIOUS:

- Bollard pull 1.2 to 2 T (depending on power choice)
- Stern towage bits: designed for max 5 t pull
- Emergency pump: manual capacity 50 l /min (two pumps - electrical 50 l/min and manual 15 l / min)
- Engine access hatch designed for easy access
- Navigation lights (as per coastal class) : top light, starboard, port side, stern light
- Provision for installation of a radar (to be installed by Buyer)
- VHF radio -1 type Sailor, minimum radio coverage area A1
- 4x Life jackets: SOLAS type
- Fuel capacity: 0. 540 cub mt
- Crew: 1 (as per local Buyers Safety manning certificate) + 3 passengers on deck
- Cargo on deck: up to 0.5 ton
- Replaceable PU D section fender all around the hull
- 2 x vertical push bow fender to Owner's requirements
- 4x lifting points as necessary for safe lifting
- Provision for installation of an echo-sounder
- The boat is equipped and built according to min Coastal Class distance from shore 5 nm, with max wave 1.2 m
- Boat equipped and complying with all relevant SOLAS requirements.
- Boat complying with the Nordic boat standards for commercial boats under 8 meters length

OPTIONAL

- A-Frame
- Davit
- Fire-fighting system







The details of all vessels are offered in good faith but we cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. Any buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to sale, price change, location or withdrawal without notice.



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