

Sargassum Harvesting Vessel

Engineered & manufactured by Máquinacero



Vessel render — indicative design, subject to final engineering

• VESSEL OVERVIEW

A purpose-built vessel designed to collect floating sargassum directly from the water — intercepting it before it reaches beaches, marinas, and coastal infrastructure.

• INTEGRATED SARGASSUM MANAGEMENT

The Máquinacero harvesting vessel can operate as a standalone collection solution, or form part of a broader sargassum management system supported by Thalasso — including collection, logistics, and processing.

11 M

OVERALL LENGTH

2.6 M

BEAM

3.45 M

STRUCTURE HEIGHT

4.3 M / 30°

COLLECTION RAMP

KEY SPECIFICATIONS

HULL CONFIGURATION

Open-frame, twin-pontoon hull

COLLECTION METHOD

Front-mounted inclined conveyor

SARGASSUM HANDLING

Collection bags / nets

COLLECTION CAPACITY

15 tonnes/hour

STORAGE / LOAD CAPACITY

8–10 tonnes

CREW / OPERATORS REQUIRED

1 captain + 3 crew members

Technical & Commercial Specifications

Máquinacero Sargassum Harvesting Vessel — engineering reference and commercial terms.

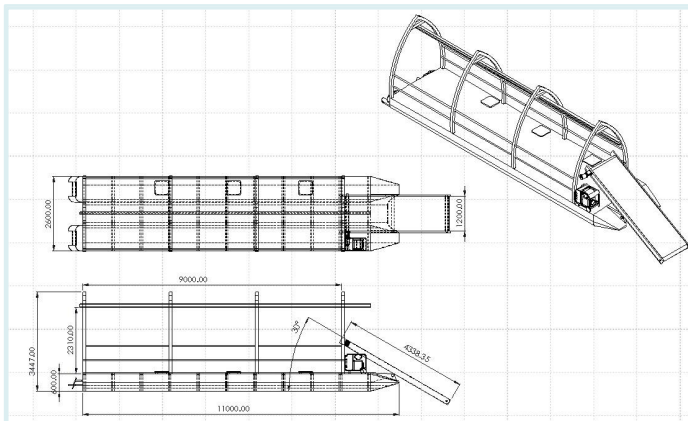


Fig. 1 — General arrangement & principal dimensions

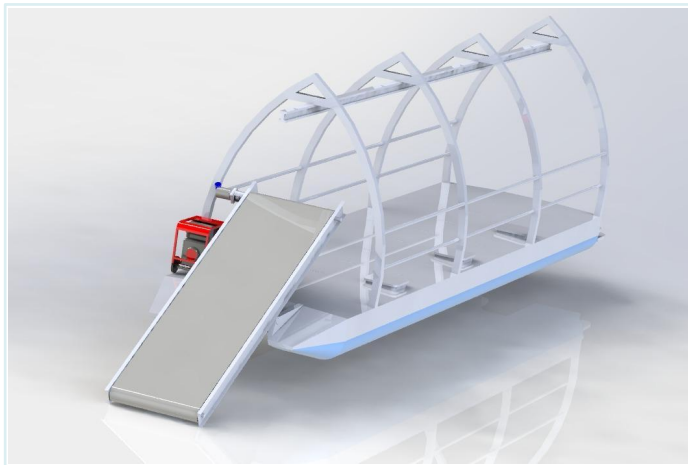


Fig. 2 — 3D concept perspective, collection ramp deployed

DIMENSIONS & STRUCTURE

Overall Length: 11.0 m

Beam: 2.6 m

Structure Height: Approx. 3.45 m

Hull Configuration: Open-frame, twin-pontoon

COLLECTION SYSTEM

Collection Method: Front-mounted inclined conveyor

Collection Ramp: Approx. 4.3 m / 30°

Sargassum Handling: Collection bags / nets

Conveyor Width: 1.2 m

PROPULSION & PERFORMANCE

Propulsion / Engine: 2 × 100 HP engines

Fuel Capacity: 2 × 100 L tanks

Operating Speed: 7–10 knots

Draft: 40 cm empty / 50–60 cm full load

CAPACITY & CREW

Collection Capacity: 15 tonnes/hour

Storage / Load Capacity: 8–10 tonnes

Crew / Operators Required: 4 — 1 captain + 3 crew members

COMMERCIAL INFORMATION

VESSEL PRICE

Contact us

DELIVERY / BUILD TIME

45-60 days

CREW / OPERATORS REQUIRED

1 captain + 3 crew members

CREW TRAINING

8 days for captain and crew, covering vessel operation and preventive maintenance. Training and manuals are included in the vessel price.