



CASTALIA

100% Electric Launch

CONSULMAR has commissioned the construction of the first multipurpose vessel in Europe with 100% electric propulsion for port auxiliary services, which will serve in the Port of Castellón with expected delivery date in 2022.

The e-ship will measure 12.5 meters long and 5 meters wide and will offer an operating autonomy of 8 hours, with space for 12 passengers and a capacity in tanks of 30m³ for the collection from vessel of MARPOL I liquid waste.

The main activity of the boat Castalia will be to support the services of mooring and unmooring of ships in the port of Castellón, including mooring at the BP offshore buoy field facility. The boat will charge its batteries using the photovoltaic panels installed in the company warehouses in the vicinity of the quay, allowing the vessel to function fully with 100% renewable energy. The boat includes a digital system that allows remote monitoring, knowing at all times from the base in port its autonomy and other relevant performance data.

With this initiative, CONSULMAR reaffirms its commitment for environmental sustainability, digitization and innovation in its fleet of vessels, reducing its carbon footprint through the use of propulsion technologies with zero emissions, using in addition renewable energy produced at our premises.

MAIN FEATURES

Length	12,50 m
Beam	5,00 m
Strut	2,40 m
Tanks Capacity	30 m3
Passengers	12 people
Navigation Area	Port
TRB	40 t

PROPULSION

Number of engines	2 x 150 Kw
Battery Capacity	484 Kw/h
Maximum Speed	7 knots
Fixed Point Shot	2,5 t
Unattended Machine (UMS)	

PURPOSE

Support for ship mooring operations
Liquid waste collection (Marpol I – FP > 60° C)
Personal transportation

LOCATION

Port	Grao, Puerto Comercial
Address	Muelle Transversal Exterior, Castellón
Contact	Tel. +34 964 282 313
E-mail	consucas@consulmar.es

