

LOOKING AT THE FUTURE

Arcalupa represents a groundbreaking advancement in maritime operations, featuring dual functionality that allows it to operate both as a means of transport and as a platform for launching and retrieving megastructures from port docks and shipyard areas with water surfaces. Certified in ABS + A1 class for the transport of exceptional loads, Arcalupa boasts a load capacity of 14,000 tons and a deck load capacity of 30 tons per square meter.

Built in 2020, Arcalupa is a new-generation semi-submersible barge with exceptional dimensions, approximately 60% larger than standard barges. It weighs 3,800 tons, increasing to 4,200 tons with floating towers, and measures 127.2 meters in length, 31.5 meters in width, and 6.5 meters in height. These characteristics highlight its flexibility and multifunctionality.

The installation of special floating towers allows the deck to be submerged up to 6.5 meters, with a maximum draft of 13 meters. This transformation into a floating dock enables the launching of structures up to 9,800 tons, a unique feature that significantly broadens its application scope. Arcalupa is equipped with an Alfa Laval 3.2 ballast water treatment system approved by the USG, while the ballast tanks are coated; two features that distinguish the barge from many other similar units built in previous years.

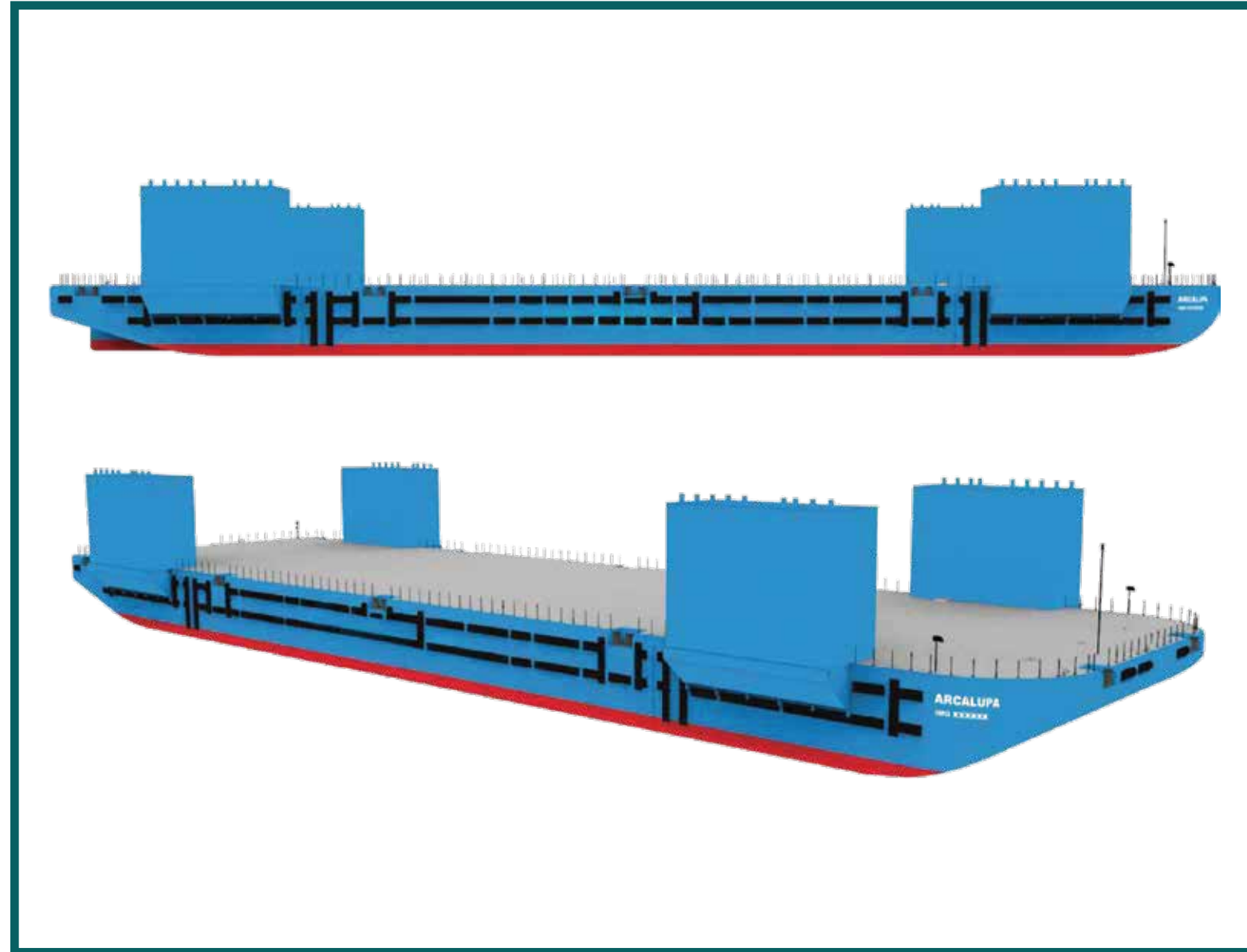


TECHNICAL SPECIFICATIONS

NAME	ARCALUPA
Class Notation	ABS + A1 Submersible Barge + A1 Floating drydock
Flag	Italian
Year of Construction	2020
Length	127.2 m
Width	31.5 m
Height	6.5 m
Maximum Draft	13 m
Submersible from Deck Level	6.5 m
Ship displacement	4,200 t
Gross Tonnage	8,087 gt
Net Tonnage	2,426 nt
Ballast Pumps	No. 2 with a capacity of 1,000 m³/h each
Submerged Barge Capacity	9,800 t
Deck Load Capacity	30 t/sqm
Generators	No. 3, each with 130 kW
Ballast Water Treatment Ballast Tanks	Alfa Laval 3.2 USG approved Coated
Internal Clearance Distance (Floating Towers)	Transversal: 24.6 m Longitudinal: 76.8 m

ARCALUPA

SUBMERSIBLE BARGE



GIN MARITIME OPERATIONS
Via dei Pescatori, 1628 Genova



ARCALUPA

