



CITYBARGE-3

DIMENSIONS

Length over all	5.7 m
Width	2.38 m
Max. draught	0.5 m
Minimum airdraft	0.9 m

All components are standard container units or can be delivered in containerized sections for transport to assembly location.

PROPULSION

3 * ELECTRIC AZIPODS OF 12KW EACH.
Easy and quick changeable if up.- or downgrade of power is needed.

PERFORMANCE

Control	Hydraulic 180°
Max speed	10 km/h
Eco speed	7 km/h
Eco range	165 km

POWER SUPPLY

Containerized interchangeable with battery pack (60Kw/H)

PRODUCTION AND ASSEMBLY

All components can be fabricated by different builders and delivered to a central assembly location.

A traditional shipyard is not needed which makes the building of the vessel very competitive.

HULL AND FRAME

Aluminium frame to support all (horizontal) push forces and distributes (vertical) weights of the various components on deck. Hull is made of Polyethylene (PE) which provides the buoyancy and resists water forces of the vessel during sailing.

- 100% recycable
- Fast and cheap building process by Roto moulding
- Extremely tough due to the PE properties
- Unsinkable due to foam filling
- Ideal form can be made (hull form is made by MARIN)
- Light weight
- Very low resistance.
- No anti-fouling is needed

CERTIFICATION

Communautair (EU, CESNI, ESTRIN)

KOTUG is a leading international towage and maritime company. Driven by our passion 'Ahead in Maritime Excellence', we empower our clients and stakeholders with the complete portfolio. From designing, building, chartering and operating new vessels to training people and providing innovative consultancy services on a worldwide scale. The company's expertise is divided across five pillars: Towage, Training & Consultancy, Intelligence, Subsea and Maritime Excellence. With roots going back as far as 1911, KOTUG is a family-owned company and trusted voice and partner of leading companies within the Maritime Industry.