

Ro-Ro Cargo Container Vessel



General info

Vessel type	General Cargo Vessel
Construction year	1982
Construction place	Germany
Tonnage (ton)	1530
Reference NR	XH-SH1105

Dimensions

Length (m)	114
Width (m)	23
Depth (m)	3
Draft (m)	1.65

Contact details

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Price

Price	Price on request
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Technical specifications

Length overall	114.70 m
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Length between perpendiculars	111.43 m
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Waterline length (D = 1.65 m)	113.80 m
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Breadth overall	23.00 m
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Breadth moulded	22.80 m
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Breadth of each hull	9.80 m
Distance between hulls	3.20 m
Depth moulded	3.30 m
Draught ballast	2.45 m
Draught loaded (1,530 DWT)	1.65 m (F) / 1.75 m (A)
Draught empty	0.95 m (F) / 1.35 m (A)
Maximum draught	2.40 m
Fixed point above draught 1.65 m	6.80 m
Fixed point above keel	8.45 m
Deadweight	1,530 tons
Maximum loading capacity	1,372 tons
Max speed	16 km/h

Machinery & propulsion

Main engines	2 × Yugoturbina Sulzer 6 ASL 25 H (1982)
Power	2 × 915 kW • 2 × 1,240 HP @ 720 RPM
Fuel	Diesel oil
Reduction gears	2 × Reintjes WGV 401 – 930 kW @ 720 RPM
Bow thruster	Schottel Bowjets SBG 112 – 240 kW

Class & certification

Classification society	B.R.S. – River Ro-Ro Catamaran KM (2)
Automation	16/24
ADN equivalence	Category K1A, K1N, Class III A (under “AND”)

Cargo capacities

TEU capacity	402 × 20-ft containers
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Trailer capacity	49 trailers (L 12.20 × B 2.50 × H 4.00 m)
Max trailer weight	28 tons average
Deck loading	15 t/axle • 10 t/m ²

Ramps

Number	2 bow ramps (MacGregor construction)
Dimensions	11.15 m × 6.0 m • Clear width 5.5 m
Capacity	46 tons • 10 t/m ² • 15 t/axle

Tank capacities

Diesel oil	6 tanks – 168 m ³ total
Fresh water	30 m ³ (drinking) + 70 m ³ (washing)
Ballast	22 tanks – 3,512.60 m ³ total

Auxiliary machinery

Auxiliary engines	3 × Scania SD14 – 275 kW each – 50 Hz @ 1500 RPM
Port generator	75 kW – Terpedo diesel engine (8-cyl), 1500 RPM
Fire systems	Halon 1301 in engine rooms • CO ₂ for exhaust manifolds

Navigation & communication

Navigation	Complete navigation package
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Other

Deck equipment	Motor Boat: Capacity 6 persons
Notes	Heavy-duty Ro-Ro catamaran for river container & trailer transport; robust twin-hull system with large ballast capacity

Condition & status

Condition	Operational vessel; technical and structural details align with heavy Ro-Ro river service
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Photos



