



DAMEN MODULAR FERRY 2412

"YN 523009-10"

GENERAL

Yard number	5230009-10
Basic functions	The Damen Modular Ferry is a roll on roll off (RoRo) ferry for inland water service series, built in steel to standard design. The Vessel is specially designed to safely transport passengers and vehicles.
Description	The entire hull of the Vessel consists of container sized units. These container sized units are called Damen Modular Barges and can be coupled together in the water with a specially designed coupling system, called the Damen Link. Because of this modular system, the entire Vessel can be transported by ship, truck or train to her final place of destination and assembled locally.

DIMENSIONS

Length o.a.	32.00 m
Length pontoon	24.00 m
Beam o.a.	12.50 m
Depth at sides	1.80 m
Draught (empty)	0.68 m

CAPACITIES

Fuel	4x 150 l
Cargo capacity	90 t
Cardeck	48 lane meters (2 lanes)
Passengers	210 pax (180 adults and 30 children)
Max. deck load	6.80 t/m ²

PERFORMANCES (approx.)

Speed	9 kn
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PROPULSION AND STEERING SYSTEM

Main engine	4x diesel driven deck mountable propulsion units.
Total power	357 bkW (480 bhp) at 2100 rpm

PRIMARY SHIP SYSTEMS

Bilge / deckwash / fifi pump	2x
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ELECTRICAL SYSTEM

Network	12 V
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DECK LAY-OUT

Anchor	180 kg Pool (High Holding Power)
Bollard (single)	4x
Ramp (l x w)	3.75 x 5.0 m

LIFE SAVING EQUIPMENT

Life buoy	6x
Life jacket	210x (180 adult and 30 children)
Floating apparatus (5 pax)	4x
Fire extinguisher	8x
First-aid kit	2x
First aid lifting stretcher	2x

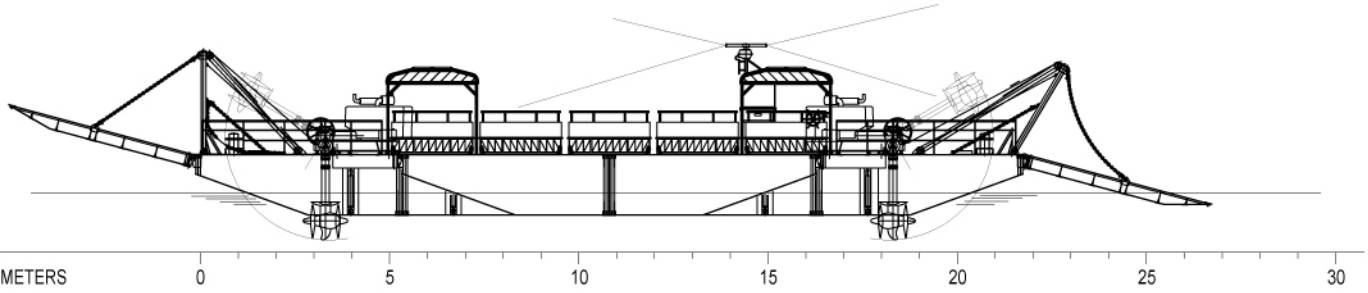
SUPERSTRUCTURE

Accommodation	Timber lined seats for 30 passengers with sun awning on main deck
Storage locker	1x

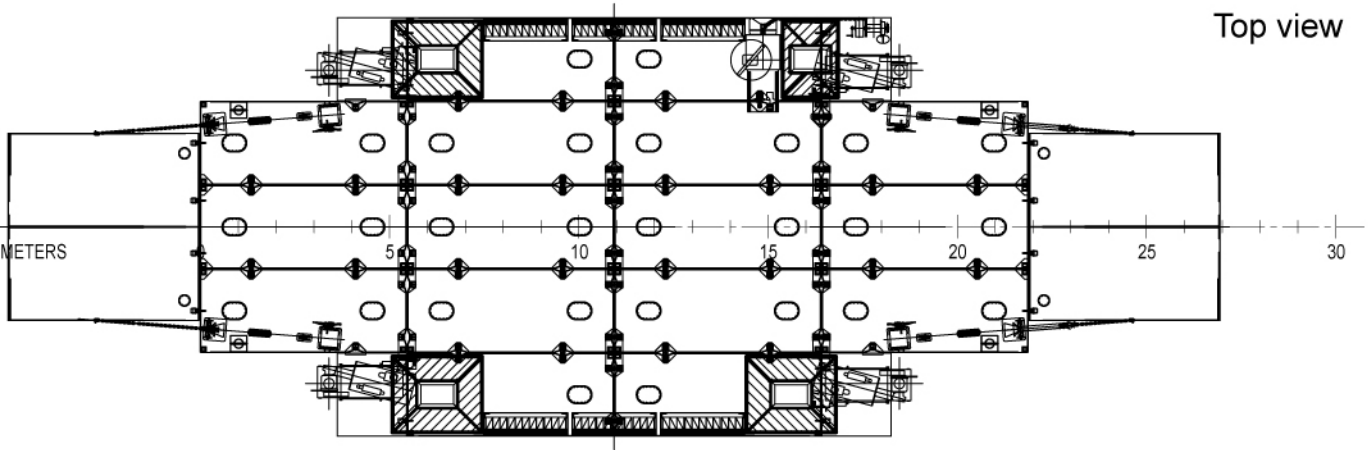
NAUTICAL AND COMMUNICATION EQUIPMENT

Horn	4x
Radar system	1x
GPS	2x
Magnetic compass	1x
Echo sounder	2x
Binoculars	2x

Side view

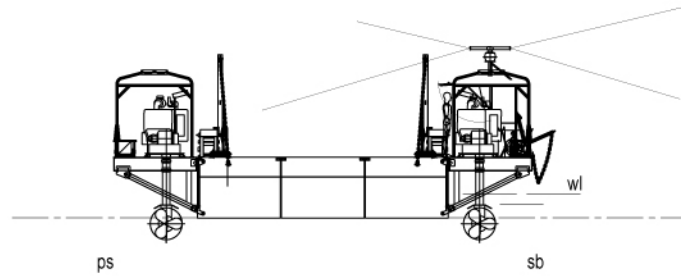


Top view



Front view

Front view



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DAMEN SHIPYARDS GORINCHEM

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