



DAMEN MODULAR FERRY 3612

"YN 523023"

GENERAL

Yard number	523023
Basic functions	The Damen Modular Ferry is a single ended 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.	42.00 m
Length pontoon	36.39 m
Beam o.a.	12.30 m
Depth at sides	1.80 m
Draught (empty)	0.50 m

CAPACITIES

Fuel	2x 450 l
Cargo capacity	200 t
Cardeck	105 lane meters (3 lanes)
Passengers	150 pax
Max. deck load	6.80 t/m ²

PERFORMANCES (approx.)

Speed	7.5 kn
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PROPULSION AND STEERING SYSTEM

Main engine	2x diesel driven deck mountable propulsion units.
Total power	442 bkW (600 bhp) at 1800 rpm

PRIMARY SHIP SYSTEMS

Bilge / deckwash / fifi pump	2x
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ELECTRICAL SYSTEM

Network	24 V
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DECK LAY-OUT

Anchor	180 kg Pool (High Holding Power)
Bollard (single)	4x
Ramp (l x w)	6.0 x 7.0 m

LIFE SAVING EQUIPMENT

Life buoy	6x
Life jacket	150x
Floating apparatus (8 pax)	20x
Fire extinguisher	8x
First-aid kit	2x
First aid lifting stretcher	2x

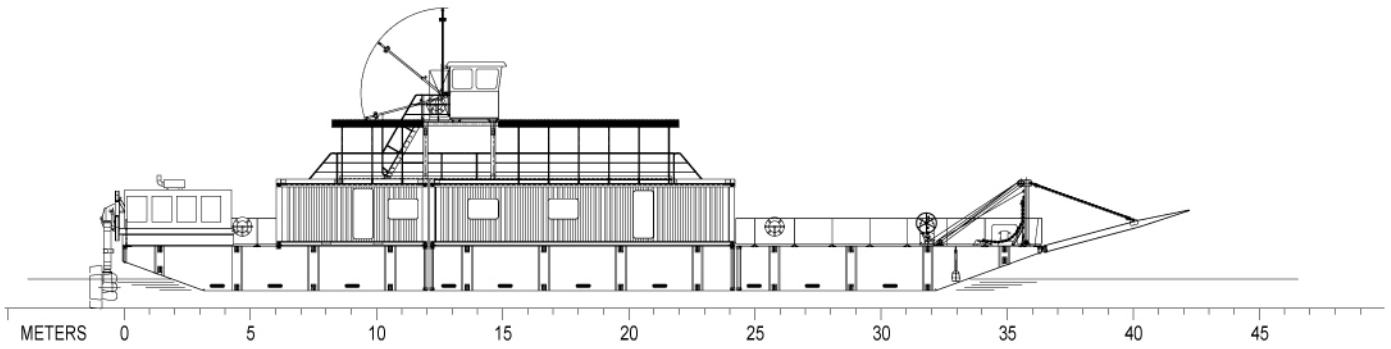
SUPERSTRUCTURE

Accommodation	Timber lined seats for 150 passengers with sun awning on first deck and shelter on main deck
Toilet	4x
Wheelhouse	The efficient layout offers an unobstructed view in all directions at bridge deck

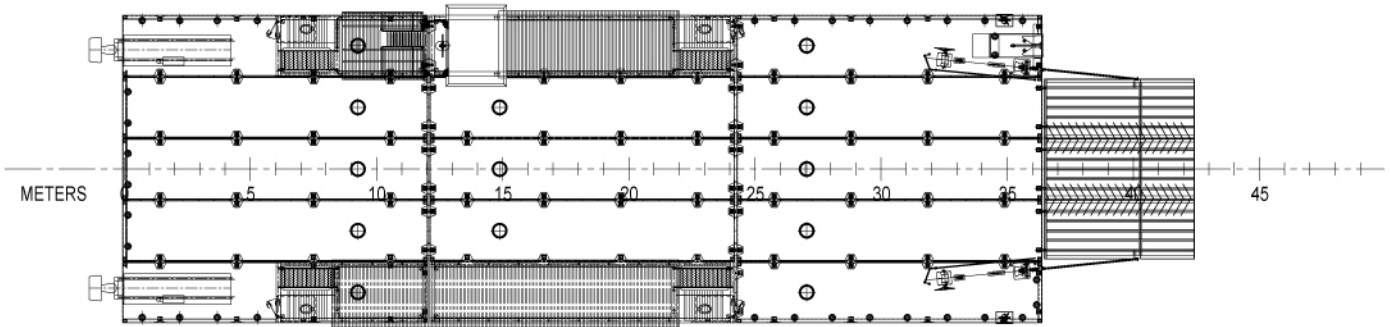
NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation lights	All necessary navigations lights are installed.
Horn	2x
Echo sounder	1x
Radar	1x
Binoculars	1x

Side view

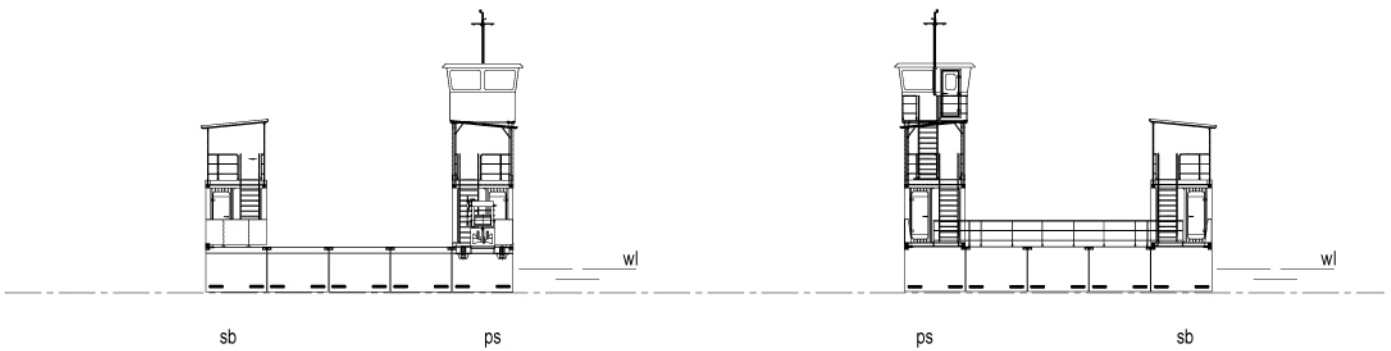


Top view



Front view

Aft view



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DAMEN SHIPYARDS GORINCHEM

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