



DAMEN MODULAR FERRY 3710 "LAROPÍ"

GENERAL

Yard number 523024
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.	46.16	m
Length pontoon	36.39	m
Beam o.a.	9.80	m
Depth at sides	1.80	m
Draught (empty)	0.60	m

CAPACITIES

Fuel	4x 150	l
Cargo capacity	96.8	t
Cardeck	72	lane meters (2 lanes)
Passengers	150	pax (120 adults and 30 children)
Max. deck load	6.80	t/m ²

PERFORMANCES (approx.)

Speed	7.5	kn
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PROPULSION AND STEERING SYSTEM

Main engine	4x diesel driven deck mountable propulsion units.
Total power	360 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)	5.0 x 4.8 m

LIFE SAVING EQUIPMENT

Life buoy	6x
Life jacket	150x (120 adults and 30 children)
Floating apparatus (8 pax)	20x
Fire extinguisher	8x
First-aid kit	2x
First aid lifting stretcher	2x

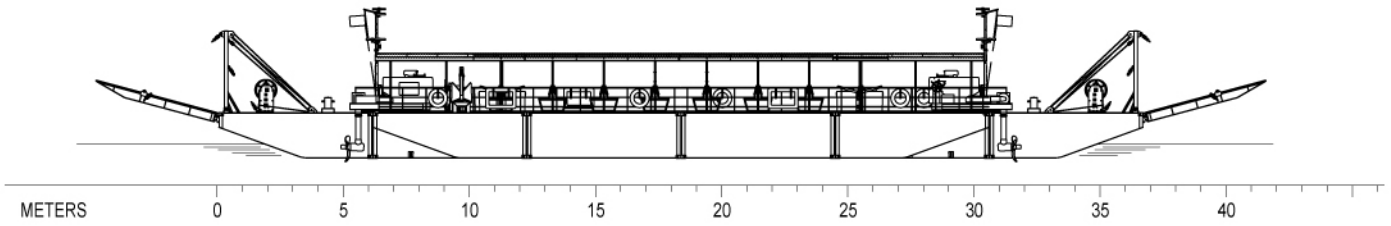
SUPERSTRUCTURE

Accommodation	Timber lined seats for 80 passengers with sun awning on main deck
Storage locker	4x

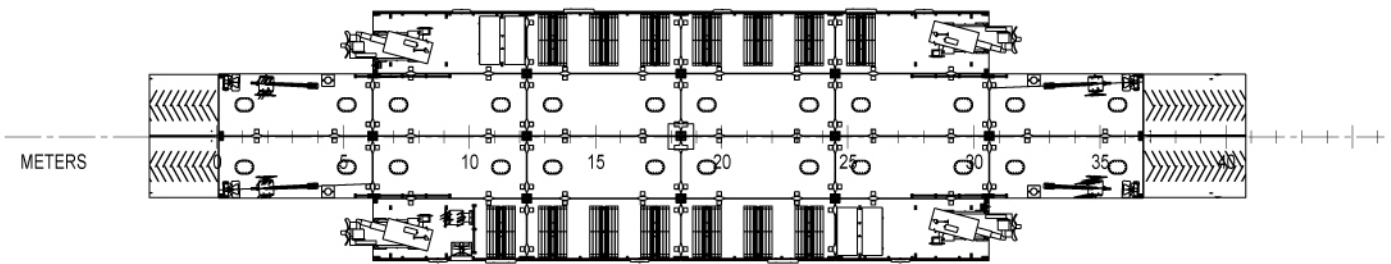
NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation lights	All necessary navigations lights are installed.
Horn	4x
Echo sounder	2x
Binoculars	2x

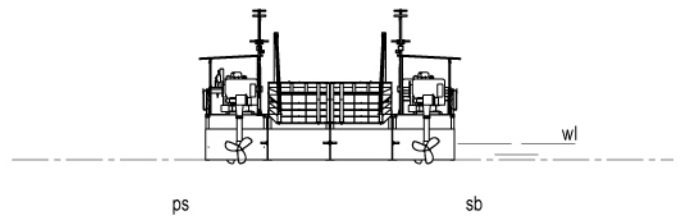
Side view



Top view



Aft view



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"LAROP1"

DAMEN

DAMEN SHIPYARDS GORINCHEM

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