



DAMEN MODULAR FERRY 3610

"LADY OFON"

GENERAL

Yard number
Basic functions

523022
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.	46.39	m
Length pontoon	36.39	m
Beam o.a.	15.00	m
Beam pontoon	9.80	m
Depth at sides	1.80	m
Draught (empty)	0.50	m

CAPACITIES

Fuel	4x 150	l
Cargo capacity	120	t
Cardeck	72	lane meters (2 lanes)
Passengers	150	pax (120 adults and 30 children)
Max. deck load	6.80	t/m ²
Max. axle load	10	t
Max. wheel load	2.5	t

PERFORMANCES (approx.)

Speed 7.4 kn

PROPULSION AND STEERING SYSTEM

Main engine 2x diesel driven deck mountable propulsion units.
Total power 304 bkW (408 bhp)

PRIMARY SHIP SYSTEMS

Bilge / deckwash / fifi pump 1x

ELECTRICAL SYSTEM

Network 12 V

DECK LAY-OUT

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

LIFE SAVING EQUIPMENT

Life buoy 6x
Life jacket 150x (120 adults and 30 children)
Floating apparatus (8 pax) 4x
Fire extinguisher 3x
First-aid kit 1x

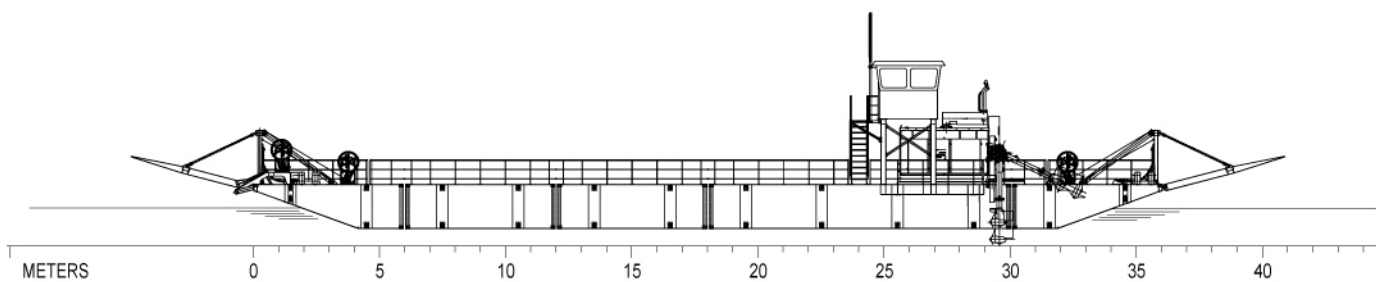
SUPERSTRUCTURE

Wheelhouse The efficient layout offers an unobstructed view in all directions at bridge deck

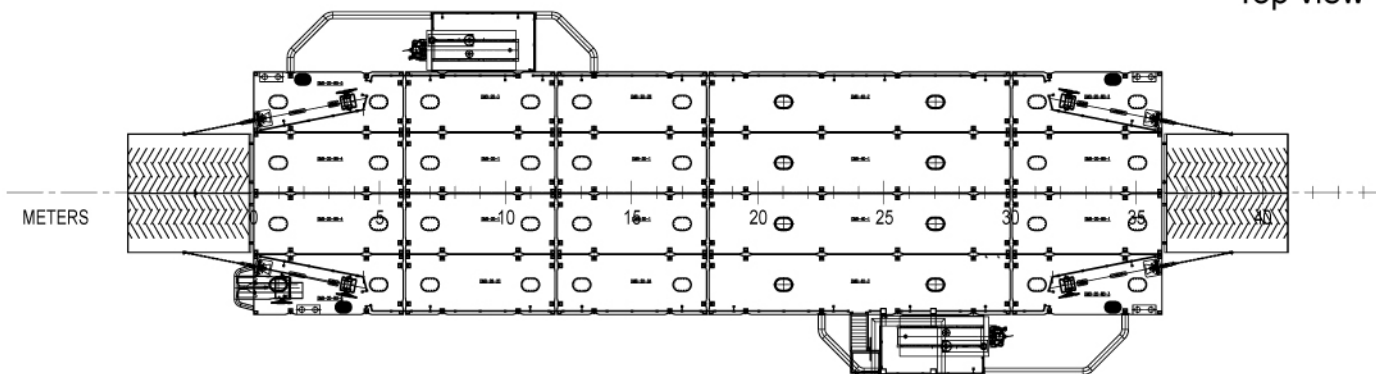
NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation lights All necessary navigations lights are installed.
VHF 1x
Horn 2x
Binoculars 1x

Side view



Top view



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DAMEN

DAMEN SHIPYARDS GORINCHEM

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