



DAMEN MODULAR FERRY 2010

"YN 523025"

GENERAL

Yard number
Basic functions

523025
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.	30.00	m
Length pontoon	20.00	m
Beam o.a.	12.75	m
Beam pontoon	9.75	m
Depth at sides	1.30	m
Draught (empty)	0.72	m

CAPACITIES

Fuel	2x 200	l
Cargo capacity	50	t
Cardeck	40	lane meters (2 lanes)
Passengers	100	pax

PERFORMANCES (approx.)

Speed	9	kn
-------	---	----

PROPULSION AND STEERING SYSTEM

Main engine
Total power

2x diesel driven deck mountable propulsion units.
295 bkW (400 bhp)

PRIMARY SHIP SYSTEMS

Bilge / deckwash / fifi pump 1x

ELECTRICAL SYSTEM

Network 24 V

DECK LAY-OUT

Anchor	2x
Bollard (double)	4x
Ramp (l x w)	5.0 x 4.8 m

LIFE SAVING EQUIPMENT

Life buoy	5x
Life jacket	110x
Floating apparatus (12 pax)	12x
Fire extinguisher	5x
First-aid kit	1x

SUPERSTRUCTURE

Accommodation
Technical space
Storage locker
Wheelhouse

Timber lined seats for 50 passengers with sun awning on main deck.

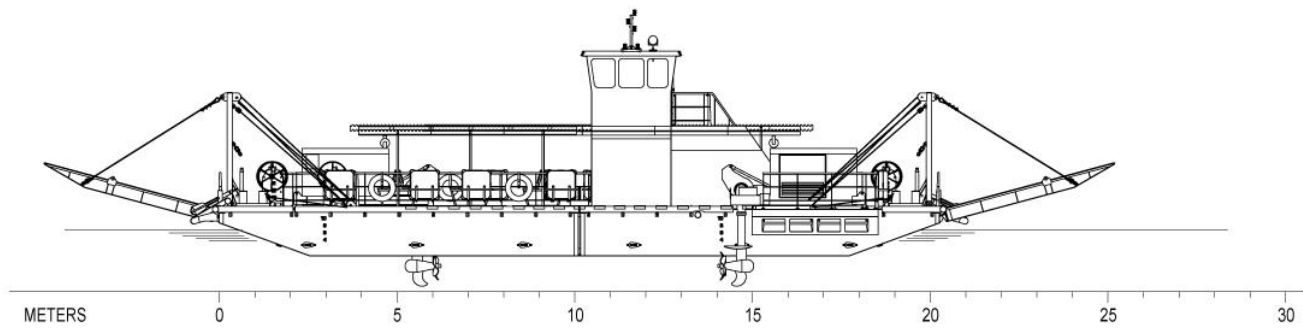
Technical space
Storage locker
Wheelhouse

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

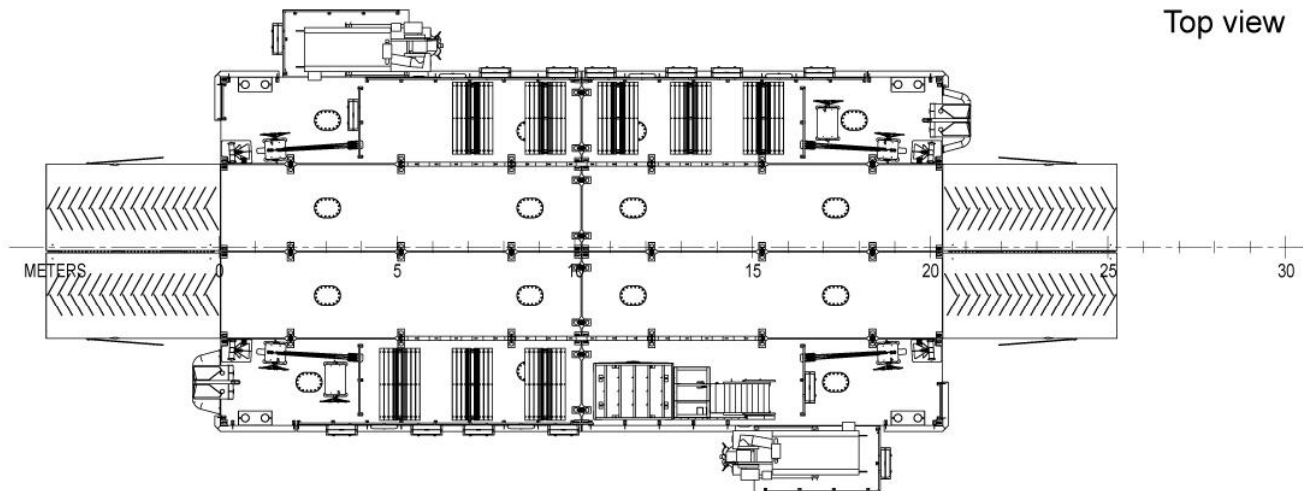
NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation lights	All necessary navigations lights are installed.
Search light	1x
Horn	1x
GPS (handheld)	2x
Echosounder	2x
Public address system	1x
VHF	1x
VHF handheld	3x

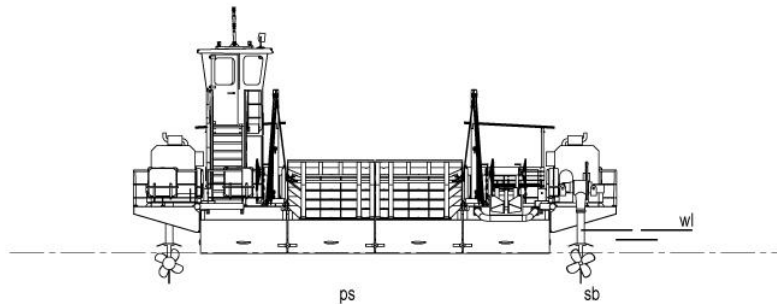
Side view



Top view



Front view



DAMEN MODULAR FERRY 2010

"YN 523025"

DAMEN

DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP 

Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89

info@damen.com
www.damen.com

© No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without the written permission from Damen Shipyards Gorinchem.