

FLOATING LINKSPAN

DAMEN CIVIL PRODUCT

GENERAL

Ref/No 249897
 Basic functions Linkspan

DIMENSIONS (IN THIS EXAMPLE)

	Pontoon		Bridge		
Length	12	m	Length	26.5	m
Width	15	m	Width Quay Side	5	m
Height	1.8	m	Width Vessel side	9	m

CONSTRUCTION / FOUNDATION (IN THIS EXAMPLE)

- Pontoon consisting of Damen Modular Barges;
- Couplings for pontoons;
- Spud poles;
- Retaining structure.

Bridge:

- Main girder;
- Secondary girders;
- Deck of steel grating / superstructure;
- Finishing layer asphalt, coating, mortar, etc;
- Guardrail.

AUXILIARIES

Pontoon:

- Double bollards 2 nos;
- Capacity 20 t;
- Capstans 2 nos;
- Tyre fenders 6 nos;
- Pole brackets 2 nos diameter max. 1m.

Bridge:

- Side girders;
- Approach ramp.

DESCRIPTION

The Damen floating linkspan consists of a (modular) pontoon and a bridge section on one side supported on the fixed quay and on the other side attached to the pontoon. Both supports are designed as hinges which allow rotations. The size of the pontoon and bridge are specifically designed for the Damen Ropax 5510 and truck traffic up to a maximum load of 45t and a length of 15m. The bridge deck consists of heavy duty grating class SWL9. Along the sides of the main girders a safety girder will be attached to protect collisions.

OPTIONAL MATERIALIZATION

Pontoon:

- Anodes zinc;
- Marine coating system.

Bridge:

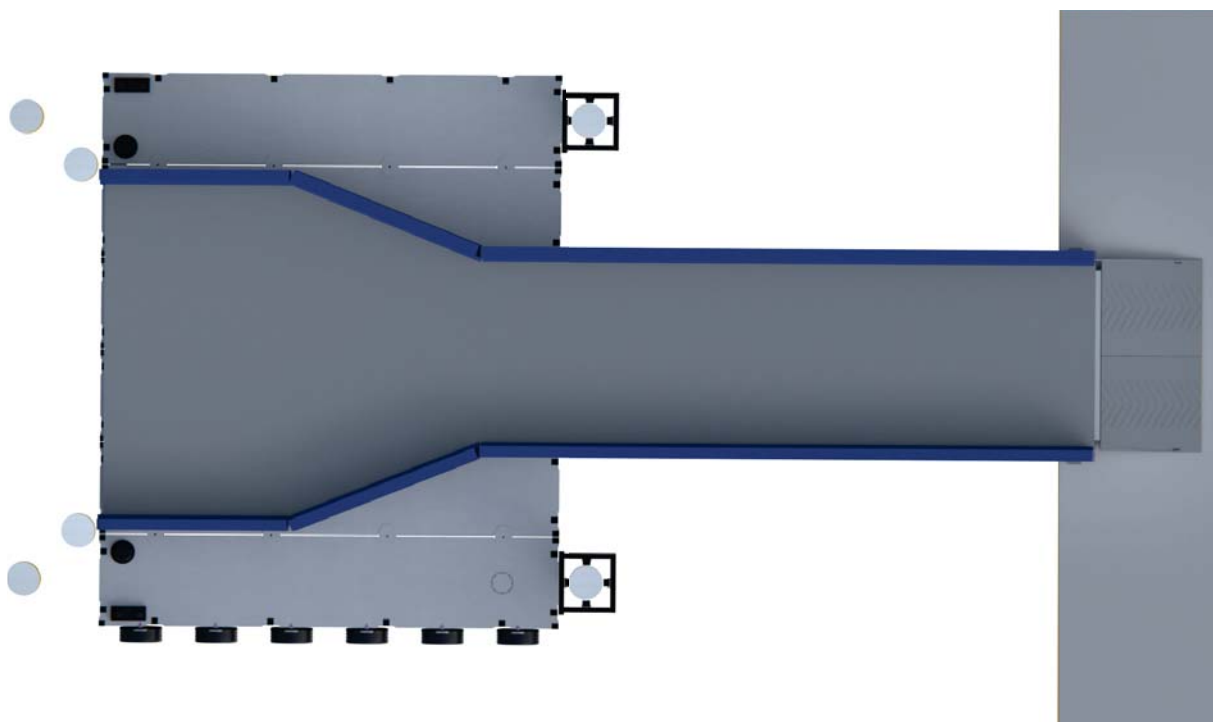
- Three layer System;
- Bolts hot dip galvanized.

ADDITIONAL OPTIONS

- Slackening structure;
- Quay fender System;
- Lighting fixtures / street lights;
- Lineation;
- (Automatic) gates;
- Power packs / power units;
- Ticket sales cabin(s);
- Safety / life saving equipment.

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TOP VIEW



Front



Side

FRONT & SIDE VIEW

DAMEN

DAMEN SHIPYARDS GROUP

Avelingen-West 20
4202 MS Gorinchem
The Netherlands

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 22
fax +31 (0)183 63 21 89

info@damen.com
www.damencivil.com

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