



# DAMEN MODULAR FLOATING DRYDOCK 7026

## Outline Specification MFDd 7026-4-standard

### GENERAL

Ref number	320-MFDd 7026-4-standard.
Description	Modular drydock type 7026, for vessels up to 3.000t and up to 50t/m keel load, including all types Damen Tugs. The bottom pontoons fit in the drydock itself for self-maintenance.
Classification	Optional: BV, LR, DNV, Rina

### DIMENSIONS (drydock)

Length o.a.	70,80 m
Beam o.a.	32,00 m
Depth to upper deck	11,85 m
Depth to drydock floor	2,60 m
Max draught	10,75 m
Min Freeboard to upper deck (when fully submerged)	1,01 m
Min Freeboard to dock floor (with 3.000t load)	0,3 m
Length over keel blocks	70,8 m
Internal width at upper deck level	26,0 m
Internal width at dock floor level	27,0 m
Max draught over 1,25m blocks	6,9 m
Max draught above dragline pl.	7,8 m
Number of bottom pontoons	4 pcs

### DIMENSIONS (vessel in drydock)

Max length	70,0 m
Max width	25,5 m
Max. Displacement	3.000 t
Max draught (on keel blocks)	6,3 m
Max draught (on dragline plates)	7,2 m
Max trim	3,0 cm/m

### CAPACITIES

Max. lifting capacity (0,3m freeboard to dock floor)	3.000 t
Max. load on center line	50 t/m
Max. load of one keel block	50 t
Total no of keel blocks	98 pcs
Max. load dock floor	10 t/m <sup>2</sup>
Drydock floor thickness	13 mm

### BALLAST SYSTEM

Ballast volume pontoon	5.550 m <sup>3</sup>
Ballast volume side walls	2.430 m <sup>3</sup>
No of pumps in each pontoon	2 pcs
Total ballast cap (approx)	2.400 m <sup>3</sup> @13mwc
Pump rooms & voids volume	1.610 m <sup>3</sup>
Ballast piping hot dip galvanised	100 %

### PERFORMANCES (APPROX.)

Lifting time (from 10,75m to 2,3m draught, empty drydock)	80-110 min
Sinking time (from 2,3m to 10,75m draught, empty drydock)	80-110 min

### CRANE

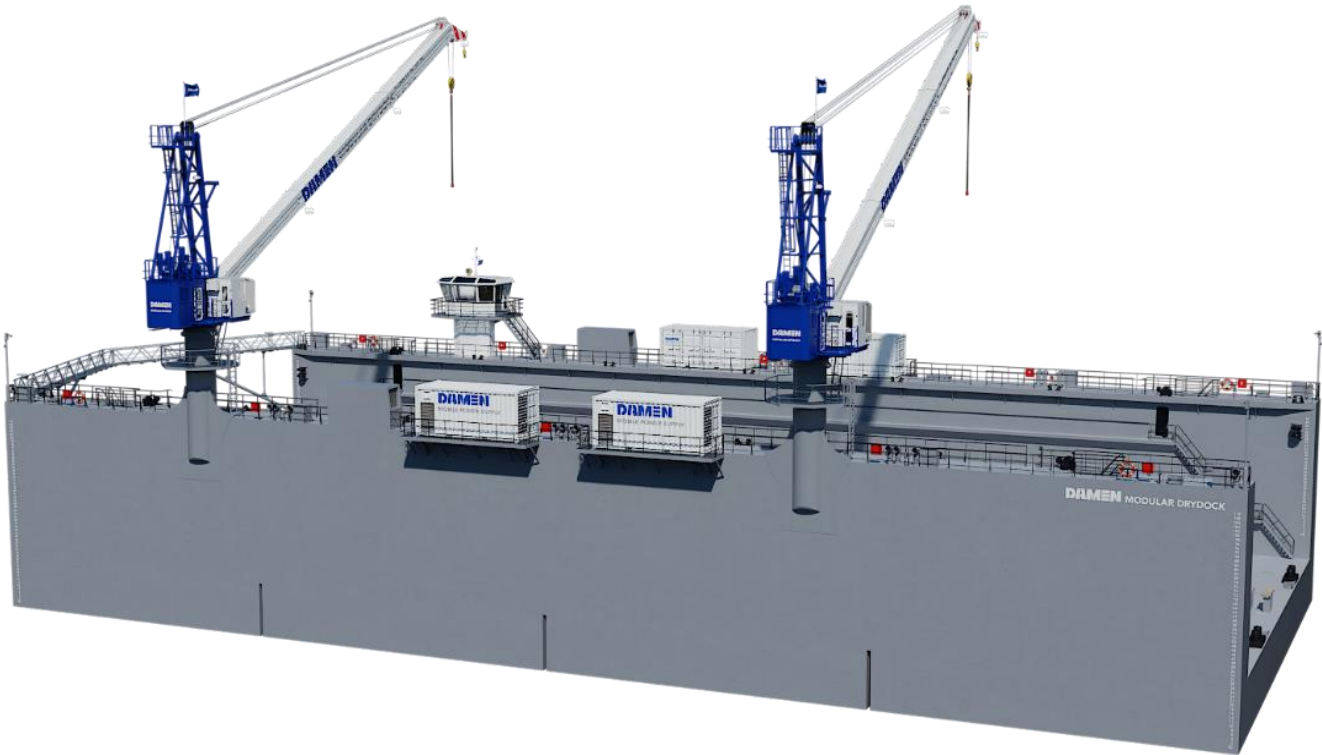
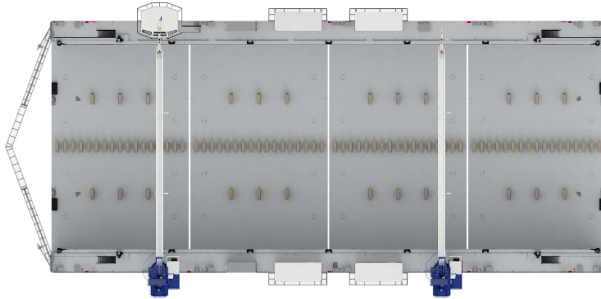
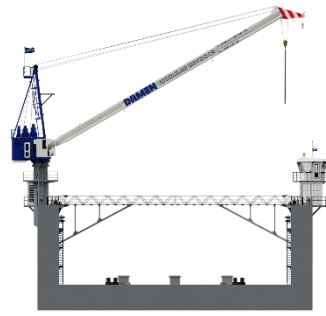
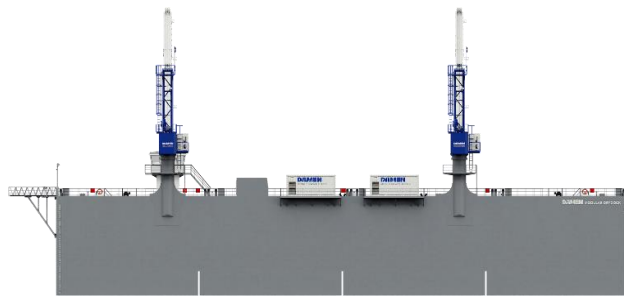
No. of drydock cranes	2 pcs
Main hoist lift capacity	15 t @ 16m
	15 t over keel blocks
	6 t @ 33m
Max main hoist reach	33 m
Aux hoist lift capacity	2 t @ 6-35m
Max aux hoist reach	35 m
Control via remote control unit	yes
Control via operator cabin	yes
Max power consumption (380v)	75 kW

### CONTROL ROOM

Control Room equipment	Ballast tank level system, Ballast control panel, Alarm panel, E-switchboard
Drydocking equipment	Deflection monitoring & alarm system, List & Trim monitors and backup, draft indication system
Standard equipment	VHF radio, anemometer, searchlight, CCTV system, barometer
Other standard equipment	AC unit, charger for handheld VHF, charger for Crane Remote, first aid kit, fire extinguisher, life buoy with line.

### FIRE FIGHTING SYSTEM

No. of fifi pumps	2 pc
Fifi pump capacity, each	30 m <sup>3</sup> @40mwc
No. of hydrants upper deck	8 pcs
No. of hydrants dock floor	8 pcs
Fifi piping hot dip galvanised	100 %



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## DAMEN

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