

DAMEN MODULAR FLOATING DRYDOCK 15026

Outline Specification MFDd 15026-6

GENERAL

Reference	320-MFDd 15026-6-standard.
Description	Modular drydock type 15026, for vessels up to 6.400t and up to 50t/m keel load, including all types Damen Tugs and seawaymax vessels. Bottom pontoons fit in the drydock itself for in-house maintenance. Optional load-out possibility.
Classification	Optional: LR, BV, DNV, Rina

DIMENSIONS (drydock)

Length o.a.	152,03	m
Beam o.a.	32,00	m
Depth to upper deck	12,25	m
Depth to drydock floor	3,00	m
Max draught	11,00	m
Min Freeboard to upper deck (when fully submerged)	1,25	m
Min Freeboard to dock floor (with 6.400t load)	0,3	m
Length over keel blocks	142,00	m
Internal width at upper deck level	26,00	m
Internal width at dock floor level	27,00	m
Max draught above keel blocks	6,3	m
Max draught above dragline pl.	7,0	m
Number of bottom pontoons	6	pcs

DIMENSIONS (vessel in drydock)

Max length	152,0	m
Max width	25,5	m
Max displacement	6.400	t
Max draught (on keel blocks)	6,0	m
Max draught (on dragline plates)	6,7	m
Max trim	3,0	cm/m

CAPACITIES

Max. lifting capacity (0,3m freeboard to dock floor)	6.400	t
Max. load on center line	50	t/m
Max. load of one keel block	50	t
Total no of keel blocks	241	pcs
Max. load dock floor	10	t/m ²
Max. load on apron floor	1	t/m ²

BALLAST SYSTEM

Ballast volume pontoon	11.800	m ³
Ballast volume wing walls	5.320	m ³
No of pumps in each pontoon	2	pcs
Total ballast cap (approx)	4.900	m ³ @10mwc
Pump rooms & voids volume	5.670	m ³
Ballast piping hot dip galvanised	100	%

PERFORMANCES (APPROX.)

Lifting time (from 10,75m to 2,7m draught, empty drydock)	75-120	min
Sinking time (from 2,7m to 10,5m draught, empty drydock)	75-120	min

CRANE

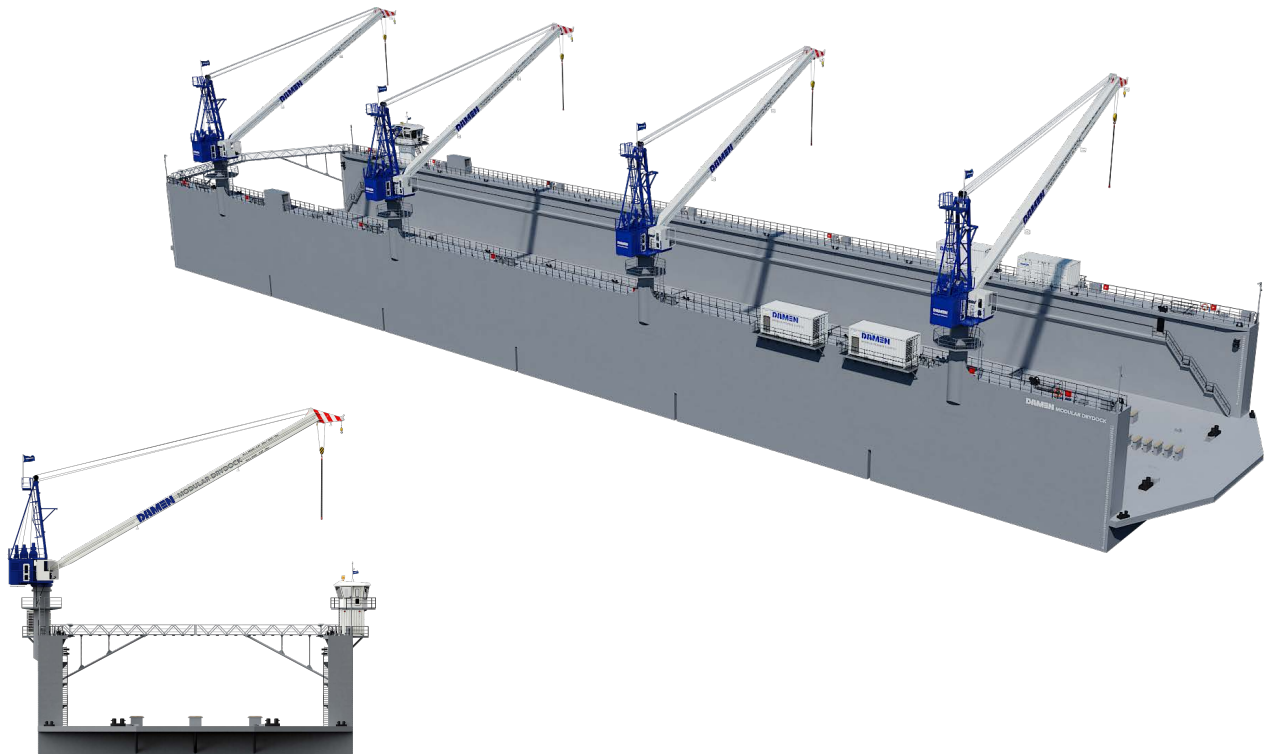
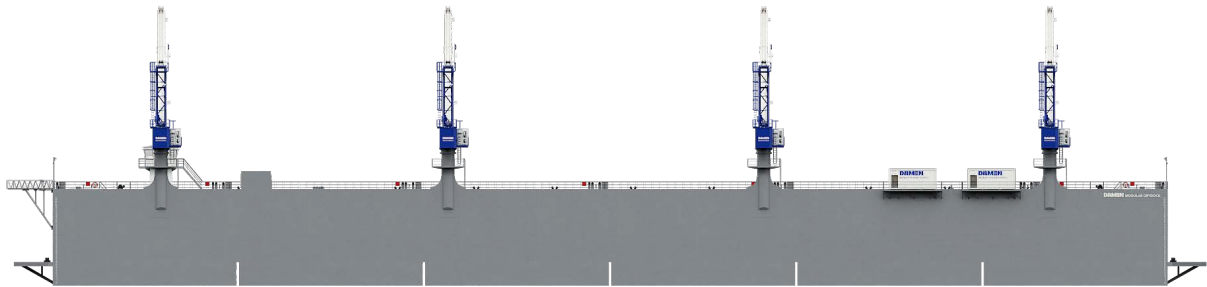
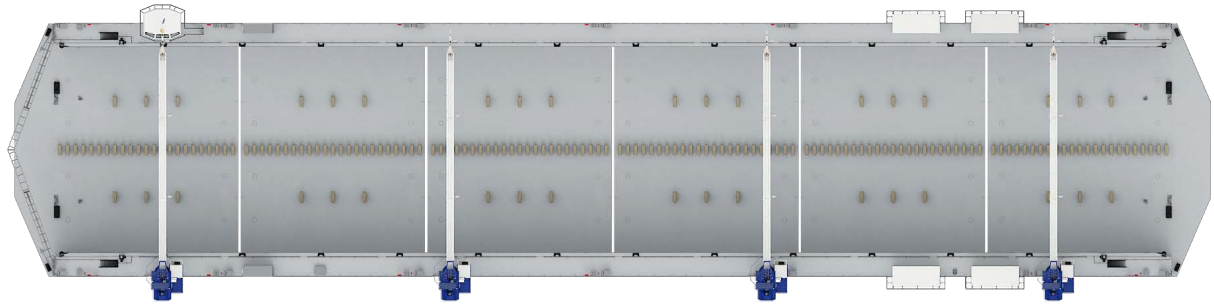
No. of drydock cranes	4	pcs
Main hoist lift capacity	15	t @ 16m
	8	t @ 25m
	5.8	t @ 33m
Max main hoist reach	33	m
Aux hoist lift capacity	2	t @ 9-35m
Max aux hoist reach	35	m
Control via remote control unit	yes	
Control via operator cabin	yes	
Max power consumption (380v)	70	kW

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, binoculars, 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	3	pc
Fifi pump capacity, each	30	m ³ @40mwc
No. of hydrants upper deck	12	pcs
No. of hydrants dock floor	12	pcs
Fifi piping hot dip galvanised	100	%




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DAMEN

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