



DAMEN MODULAR FLOATING DRYDOCK 12526

Outline Specification MFDd 12526-5

GENERAL

Reference	320-MFDd 12526-5-standard.
Description	Modular drydock type 12526, for vessels up to 6.150t 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.	128,30	m
Beam o.a.	32,00	m
Depth to upper deck	13,25	m
Depth to drydock floor	3,00	m
Max draught	12,00	m
Min Freeboard to upper deck (when fully submerged)	1,25	m
Min Freeboard to dock floor (with 5.000t load)	0,3	m
Length over keel blocks	117,00	m
Internal width at upper deck level	26,00	m
Internal width at dock floor level	27,00	m
Max draught above keel blocks	7,8	m
Max draught above dragline pl.	8,0	m
Number of bottom pontoons	5	pcs

DIMENSIONS (vessel in drydock)

Max length	128,0	m
Max width	25,5	m
Max displacement	6.150	t
Max draught (on keel blocks)	7,8	m
Max draught (on dragline plates)	8,7	m
Max trim	3,0	cm/m

CAPACITIES

Max. lifting capacity (0,3m freeboard to dock floor)	6.150	t
Max. load on center line	50	t/m
Max. load of one keel block	50	t
Total no of keel blocks	199	pcs
Max. load dock floor	10	t/m ²
Max. load on apron floor	1	t/m ²

BALLAST SYSTEM

Ballast volume pontoon	10.400	m ³
Ballast volume side walls	5.800	m ³
No of pumps in each pontoon	2	pcs
Total ballast cap (approx)	5.000	m ³ @10mwc
Pump rooms & voids volume	3.900	m ³
Ballast piping hot dip galvanised	100	%

PERFORMANCES (APPROX.)

Lifting time (from 12,0m to 2,7m draught, empty drydock)	60-90	min
Sinking time (from 2,7m to 12,0m draught, empty drydock)	60-90	min

CRANE

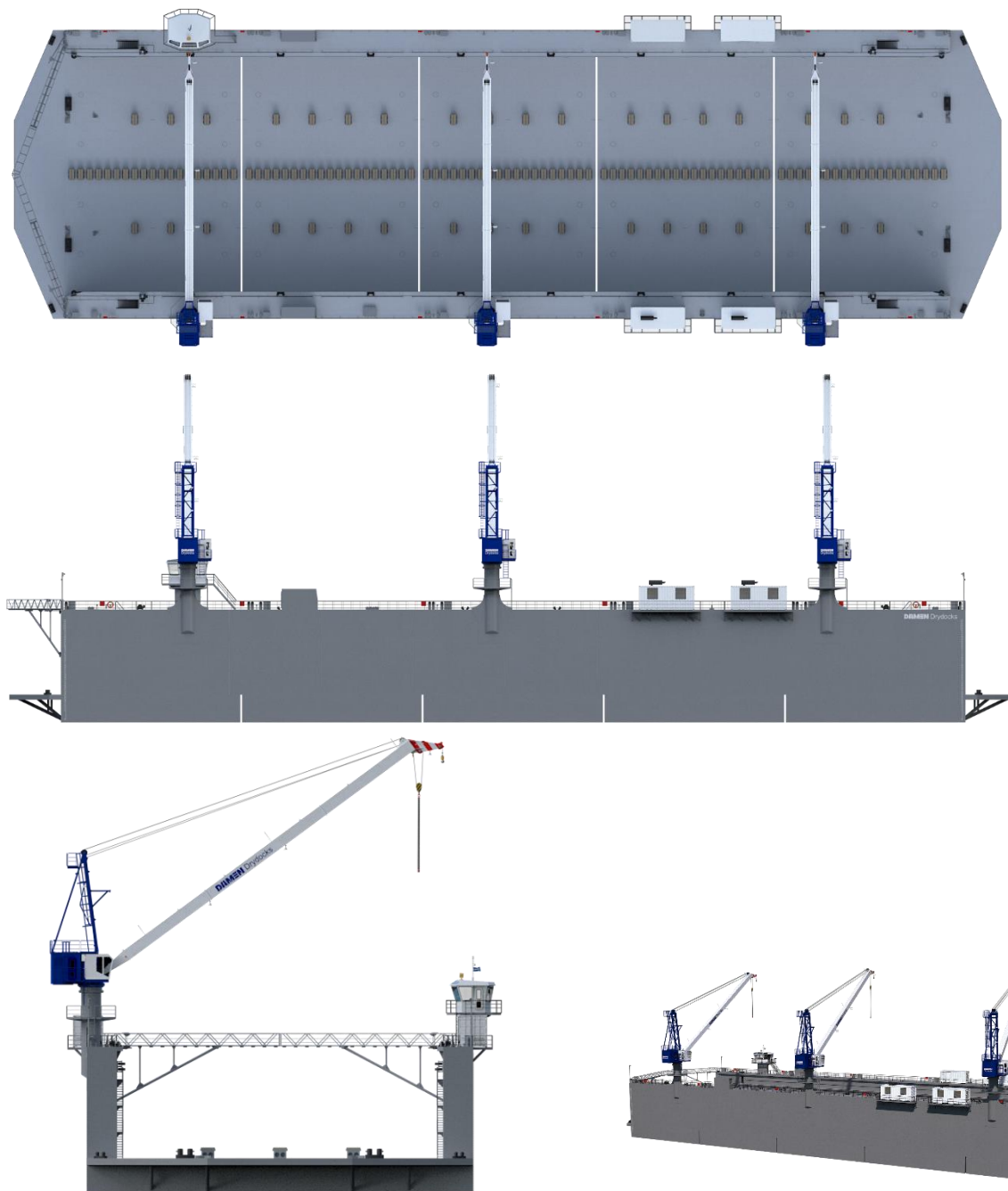
No. of drydock cranes	3	pcs
Main hoist lift capacity	15,0	t @ 16m
	8,0	t @ 25m
	6,0	t @ 33m
Max main hoist reach	33,0	m
Aux hoist lift capacity	2,0	t @ 9-35m
Max aux hoist reach	34,8	m
Control via remote control unit	yes	
Control via operator cabin	yes	
Max power consumption (380v)	70	kW

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	2	pc
Fifi pump capacity, each	30	m ³ @40mwc
No. of hydrants upper deck	10	pcs
No. of hydrants dock floor	10	pcs
Fifi piping hot dip galvanised	100	%



MODULAR FLOATING DRYDOCK 12526

Outline Specification MFDd12526-5

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