



# LARGE MODULAR FLOATING DRYDOCK

Outline Specification LMFDd 240x55 and 120x120

## GENERAL – NEW PANAMAX LAYOUT

Basic functions Large Modular Drydock where 6 modules are arranged specifically for maintenance of New-Panamax vessels up to 240x55m

### DRYDOCK DIMENSIONS (in New-Panamax layout)

Length o.a.	240,0 m
Beam o.a.	65,0 m
Depth to upper deck	16,5 m
Depth to drydock floor	5,0 m
Max draught	15,5 m
Min Freeboard to upper deck (when fully submerged)	1,0 m
Min Freeboard to dock floor (with 23.000t load)	0,3 m
Length over keel blocks	120,0 m
Internal width at upper deck level	55,0 m
Internal width at dock floor level	55,0 m
Max draught above keel blocks	9,0 m

### VESSEL DIMENSIONS (of a New-Panamax vessel in drydock)

Max length	240,0 m
Max width	55,0 m
Max displacement	23.000 t
Max draught (on keel blocks)	9,0 m
Max trim	3,0 cm/m

### DRYDOCK CAPACITIES (in New-Panamax layout)

Max. lifting capacity (0,3m freeboard to dock floor)	23.000 t
Max. load on center line	105 t/m
Max. load of one keel block	115 t
Total no of keel blocks	440 pcs
Max. load dock floor	20 t/m <sup>2</sup>
Deck thickness	25 mm

### CONTROL ROOM

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

## GENERAL – DRILLING RIG LAYOUT

Basic functions Large Modular Drydock where 6 modules are arranged specifically for maintenance of Drilling Rigs up to 12.000t

### DRYDOCK DIMENSIONS (in Drilling Rig layout)

Length o.a.	120,0 m
Beam o.a.	130,0 m
Depth to upper deck	16,5 m
Depth to drydock floor	5,0 m
Max draught	15,5 m
Min Freeboard to upper deck (when fully submerged)	1,0 m
Min Freeboard to dock floor (with 12.000t load)	0,3 m
Length over keel blocks	120,0 m
Internal width at upper deck level	120,0 m
Internal width at dock floor level	120,0 m
Max draught above keel blocks	9,0 m

### DRILLING RIG DIMENSIONS (of a Drilling Rig in Drydock)

Max length	110,0 m
Max width	110,0 m
Max displacement	12.000 t
Max draught (on keel blocks)	9,0 m
Max trim	3,0 cm/m

### DRYDOCK CAPACITIES (in Drilling Rig layout)

Max. lifting capacity (0,3m freeboard to dock floor)	12.000 t
Max. load on center line	105 t/m
Max. load of one keel block	115 t
Total no of keel blocks	440 pcs
Max. load dock floor	20 t/m <sup>2</sup>
Deck thickness	25 mm

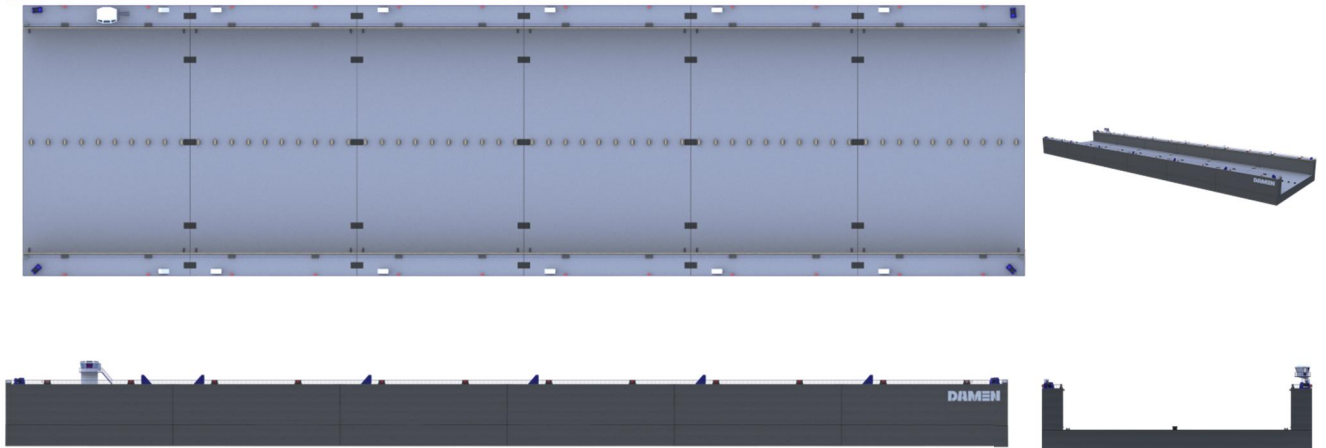
### BALLAST SYSTEM (each pontoon)

No of ballast pumps	2 pcs
Total ballast cap	2.000 m <sup>3</sup> @15mwc
Pump rooms & voids volume	320 m <sup>3</sup>

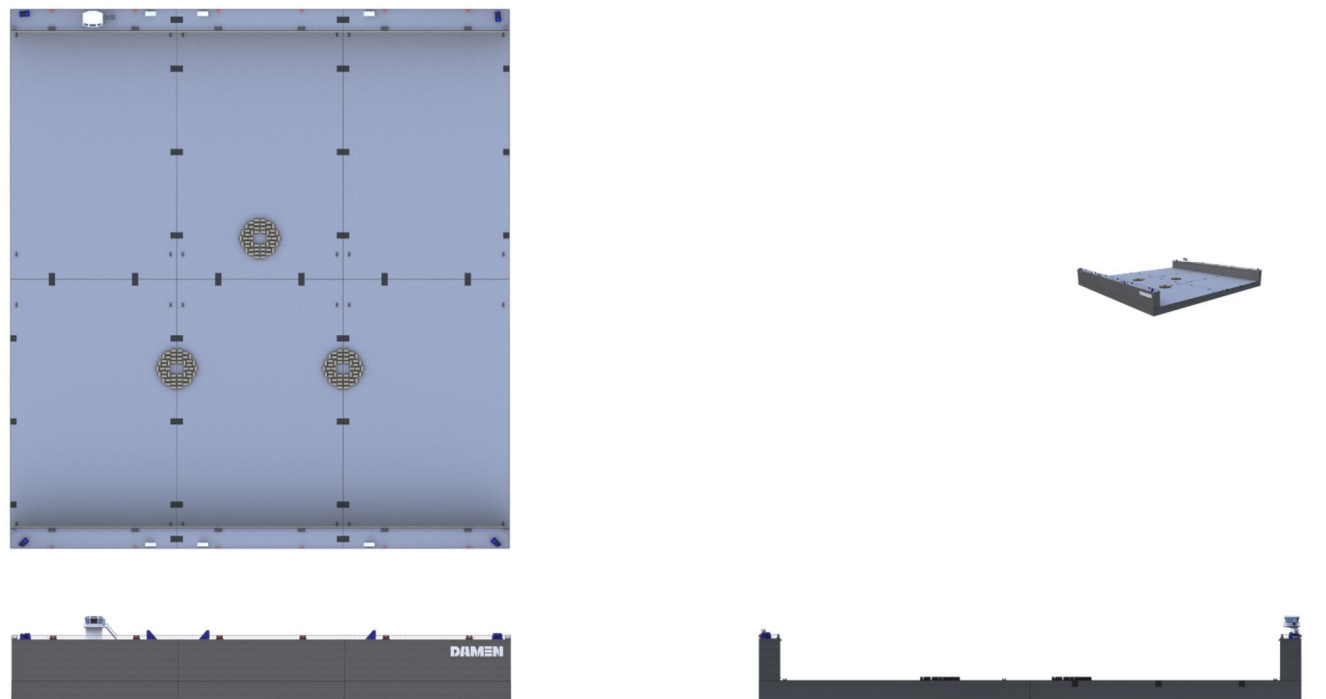
### PERFORMANCES (APPROX.)

Lifting time (from 15,5m to 4,7m draught, empty drydock)	1,5 - 2 hrs
Sinking time (from 4,7m to 15,5 m draught, empty drydock)	1,5-2,5 hrs

**GENERAL ARRANGEMENT – NEW PANAMAX LAYOUT**



**GENERAL ARRANGEMENT – DRILLING RIG LAYOUT**



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