DAMEN BUNKER BARGE B13 RANGE

**GENERAL**
Typical applications: Liquid bulk cargo, fuel oil
Typical area of operation: Harbours, Inland waters
Classification: Lloyd’s Register 100AT I.W.W. Barge, Type N Open, Double hull, S.G. 1.025, LS“T”, Zone 2, Carriage of oils with a F.P. exceeding 60°C

**DIMENSIONS**

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Length mid.: 51,00 - 61,00 - 71,00 - 81,00 m
Beam mid.: 13,00 - 13,00 - 13,00 - 13,00 m
Depth mid.: 3,00 - 3,00 - 3,00 - 3,00 m
Draught max.: 2,05 - 2,10 - 2,15 - 2,18 m
Deadweight max.: 905 - 1140 - 1395 - 1630 tons

**CAPACITIES**

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Cargo volume (97%): 1000 - 1250 - 1500 - 1750 m³

**DESIGN CONDITIONS**

Sea water temperature: 0° to +35° C
Outside air temperature: -5° to +45° C

**STANDARD EXECUTION**

De-aeration: De-aeration of cargo tanks to overflow tank and de-aeration cap with ball valves and flame arrester on overflow tank
Bollards: Double bollards for mooring and/or coupling
Draught marks: At fore, mid and aft on PS and SB every 20 cm
Boarding ladders: 2 on SB and 2 on PS built into the hull
Cathodic protection: Anodes on underwater part of the hull
Manifold, valves, pressure gauges, screens high-level alarm and flowmeters
Hatches: With counter weight for easy opening
Container fittings: For both 10 and 20 ft containers to be used for optional containerized equipment e.g. fuel blender, stores etc.
Bilge tank: Located in the aft void space connected to drip trays at the cargo manifold
Bilge pump: Electrically driven 10 m³/h capacity
Navigation lighting: Navigation lights

**OPTIONAL EQUIPMENT**

Cargo pumps: 100 m³/h capacity
Generator set: CAT C4.4 generator set
Accommodation: Day accommodation including pantry and sanitary space
Winches: Anchor / Mooring / Coupling winches
Anchor: Anchor and wire
Fendering: Tyre fenders around the perimeter of the barge
Anti-fouling: Anti-fouling paint system
Crane: Hose handling crane

* Mentioned deadweights are estimated and excl. optional equipment.
** Image shown with optional equipment.