Top Marine
Floating Marina Installations
SINCE 1996

Medium Duty
Pontoon

Medium Duty Pontoon

CHAIN ANCHORING SYSTEM
- The strong and robust anchoring shafts are connected to reinforced concrete forming a strong and stable fixing system for the pontoon;
- Simple and "user friendly" chain locker plate.

SOS PEDESTAL
- Ladder;
- Life buoy with throw line;
- Hook;
- Fire extinguisher and cabinet as extra.

SAFETY LADDER

SERVICE PEDESTAL
- Electricity and water supply;
- Lighting for the floating pontoon.

TIMBER DECKING
- Impregnated softwood anti-slip decking 28 × 120mm.

GANGWAY
- Metal gangway up to 12 m;
- Timber gangway up to 6 m.

PILE ANCHORING SYSTEM 40KN
- An alternative solution for chain mooring;
- Has been designed for piles Ø400-500mm;
- The design pile load is 40 kN;
- Strong hot dip galvanized steel structure;
- Flexible rubber bolted joints

MDP CONNECTING SET 160 KN
- Silent flexible rubber bolted joints. Bolt property class 8.8 bolts with lock nuts.

BOAT BOOMS
- Boat Booms with hinge connection;
- With or without timber decking.

SERVICE DUCTS
- Inside concrete, not visible;
- Can be installed on both sides or in the middle;
- Duct diameter 110mm or 160mm.

TIMBER FENDER
- Planed timber fender 95×95 mm or 95×145 mm or 145×145 mm or 70x195 mm.

MOORING FINGER
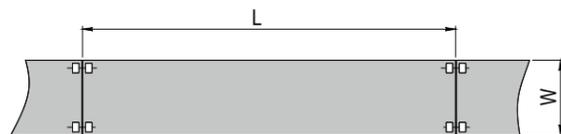- Mooring Fingers with rubber connection.

MOORING BOLLARD
- The in-moulded T-bollard geometrical construction ensures the better distribution of the internal forces.

FINGER CONNECTING RAIL
- Insures flexible and strong connection between concrete pontoon and mooring fingers;
- Finger position are horizontally adjustable.

MEDIUM DUTY PONTOON
- Hydrotechnical fiber reinforced concrete C40/ 50, watertight W6, enviroment class XS2, frost resistance XF4 and KK4 according to EN 206-1;
- Reinforcement 6mm fully hot dip galvanized C4 according to ISO 1461 standard;
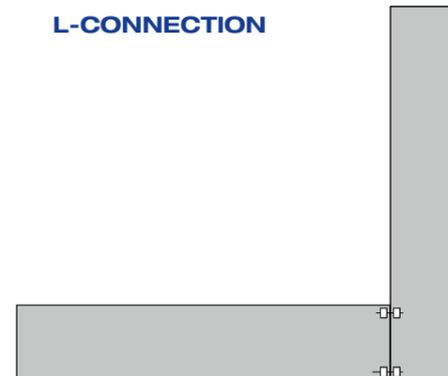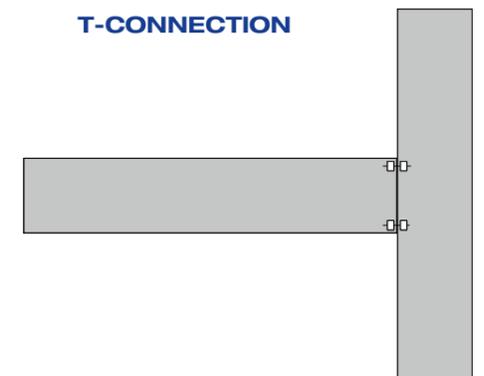- Expanded polystyrene: density 19kg/m³, strenght ≥100kPa, water absorption ≤3%.

END CONNECTION

SIDE CONNECTION

L-CONNECTION

T-CONNECTION

Medium Duty Pontoon

Medium Duty Pontoon	High-stability, strong, maintenance free, for year-round use, long service life
Intended use	Floating landing stages and floating bridges
Connection options	End connection, side connection, L- connection, T-connection
Structural design	Hydrotechnical fiber reinforced concrete with EPS inside, rubber- bolt joints
Anchoring system	Hydrotechnical fiber reinforced concrete with EPS inside, rubber joints
Accessories	Timber decking, fenders, finger connection rails, mooring fingers, boat booms, mooring bollards, service ducts, safety equipment

Technical Data of the Medium Duty Pontoon

Item code			07 10 00	07 12 00	07 20 00	07 22 00	07 30 00	07 32 00
Dimensions of pontoons (m)		Length	9	9	12	12	15	15
		Concrete width	2.4	3.0	2.4	3.0	2.4	3.0
		Overall width	2.7	3.3	2.7	3.3	2.7	3.3
		Height	0.85	0.85	0.85	0.85	0.85	0.85
Freeboard (m)			0.4	0.43	0.44	0.47	0.46	0.49
Designed load capacity (kN/m²)			3.8	4.1	4.2	4.5	4.4	4.7
Designed load capacity (tons)			8.3	11.8	12.3	17.3	16.2	22.8
Weight (t)			9.4	11.4	11.6	14.1	13.9	16.8
Allowed max. wave heigth			0.3 m					
Allowed current speed			1 m/sec					
Ice condition			Allowed static ice load, ice moving is not allowed					
Anchoring systems		Chain	Ø 20 mm					
		Concrete anchors	2000 kg					
		Pile	Ø 400...600 mm, 40 kN					
Boat mooring			Mooring buoys, boat booms, mooring fingers, mooring bollards					
Boat sizes			Boat size up to 15.2 m (50 feet)					

Download our product CAD details from the ProdLib library.

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Representative: