



Inland and Coastal
Marina Systems

Heavy Duty Pontoon

Technical Specification Sheet



The Inland and Coastal Marina Systems Ltd. Heavy Duty Pontoon System was initially designed with commercial ports and harbours in mind but has proven to be the perfect floating pontoon solution for an endless variety of applications. It is unparalleled in its versatility, with the ability to accommodate any decking system, fender and freeboard combination imaginable. Whether you are looking for a berthing solution for a large pleasure vessel, CTV or fishing boat, or even for a high capacity floating boardwalk, the ICMS Heavy Duty Pontoon can be adapted to suit your every requirement.

Uses

- Commercial ports and harbours
- CTV berthing for offshore windfarm O&M bases
- Berthing for large yachts
- Locations with harsher wave climates unsuited to lighter systems
- High capacity public walkways including boardwalks
- Work platforms

Benefits

- Higher live load capacity than other steel frame systems
- Capacity to absorb higher berthing energies
- Exact client freeboard requirements achievable due to our unique floatation system
- pontoons can be connected side to side to form platforms to any width required
- Designed to BS6349, The Yacht Harbour Association Code of Practice
- 25 year design life





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Technical Information

Live Load Capacities	2kN/m ² to 5kN/m ²
Construction	Grade 275 steel main frame hot-dip galvanised to BS EN ISO 1461
Connections	M24 galvanised bolts through 50mm thick UV stabilised rubber buffers
Floatation	15kg/m ³ polystyrene encased in glass fibre concrete skin
Freeboard Options	400mm to 1200mm
Fender Options	Hardwood timber, extruded rubber profiles, recycled plastic, PVC, composite fenders
Decking Options	GRC (glass fibre reinforced concrete), GRP (glass fibre reinforced plastic), timber, timber plastic composite
Width Options	2.0m, 2.4m, 3.0m (units can also be connected together to form multiples of these widths)
Live Load Capacities	2kN/m ² to 5kN/m ²