

Concrete-Steel Composite (CSC) pontoons

Variants		
Model No.	CSC 201030	CSC 090315
Length (m)	20	9
Width (m)	10	3
Height (m)	3.0	1.5
Self-weight (ton)	160	23
Maximum no of connectors, RPC-S88	18	8
Material	Reinforced concrete over fully-enclosed steel hull	

Design Capacity		
Maximum deck load (ton/m2)	5.0	
Full load displacement (ton)	510	28.4
Maximum payload capability (ton)	350	5.5
Maximum freeboard (m)	2.2	0.6
Condition for connection on water	Up to Sea State 2 - Wave Height <0.6m	

Applications of CSC

The CSC is suitable for permanent structures with expected lifespan of 30~50 years with minimal maintenance and superior stability. Related fields include:

Architecture – Harbor Facility –
 Entertainment – Port Protection

Specific applications include:

- Floating Houses
- Floating Entertainment Hubs
- Floating Port Jetties
- Port Protective Barriers
- Floating Breakwaters
- Floating Gardens
- Floating Cruise Terminals
- Floating Container Terminals
- Floating Oil & Gas Storage

About Hann-Ocean

Established in August 2005, Hann-Ocean has emerged as a market leader in developing and commercialising innovative floating platform technologies and solutions for coastal engineering, floating architectures and defence industry. Backed by strong R&D capabilities and years of experience in product development, Hann-Ocean has invented, developed and now supplies:

- Rigid Pontoon Connector (RPC)
- Containerised Pontoon System (CPS)
- Concrete-Steel Composite (CSC)

For more information please visit our website

www.hann-ocean.com

or email us at enquiry@hann-ocean.com