

CAISSON CONSTRUCTION

REFERENCE LIST

Please find below some notable projects from recent years

Location	Year	Quantity	Production method
MOG 2 Project Netherlands	2023-	23 Nos 20.900 tons	Heavy Duty Slipform Transfer of slab and caisson to Floating dock
M.I.C Project Japan	2022-	40 Nos	Two stationary slipform gantries operated on separate floating docks
Tortue Hub Project Senegal	2019-2023	21 Nos 16.700 tons	Heavy Duty Slipform Transfer of slab and caisson to floating dock
Tuas Terminal (Finger 3) Singapore	2019-2023	227 Nos 13.700 tons	Double stationary slipform gantry Transfer of slab and caisson to floating dock

Please find below a complete list of completed caisson projects with the help of our technique and expertise.
The projects are sorted by continent and country.

Location	Year	Quantity	Production method
EUROPE			
DENMARK			
Hanstholmen	1963-1964	88 Nos Diameter = 12 m Height = 14 m	Stationary slipform gantry Transfer of slab and caisson Launching platform with jacks
Skagern hamn	1965	24 Nos 15 x 8 m H = 8 m	"
ENGLAND			
Brighton	1972-1973	78 Nos D = 12 m H = 14 m	Stationary slipform gantry Transfer of slab and caisson Launching platform with jacks
FRANCE			
Quai Nord, Le Havre	1989	17 Nos D = 23 m H = 19,20 m	Stationary slipform gantry in dry dock
Quai Sud, Le Havre	1989	26 Nos D = 23 m H = 19,20 m	Stationary slipform gantry in dry dock
Propriano, Corsica	1994	18 Nos D = 10 m H = 11 m	"

GREECE

Corfu	2012	Unknown	Stationary slipform gantry in dry dock
Breakwater Wall			

ICELAND

Straumsvik	1964	12 Nos 12 x 12,5 m H = 11 m	Stationary slipform gantry Transfer of slab and caisson Launching platform with jacks
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NETHERLANDS

MOG 2 Project	2023	23 Nos 20.900 tons	Heavy Duty Slipform Transfer of slab and caisson to Floating dock
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SPAIN

Alicante	1987	10 Nos 34,13 x 9,68 m H = 14,35 m	Stationary slipform gantry on floating dock
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Algeciras	1982-1983	31 Nos 32,10 x 12,66 m H = 15,50 m	"
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	1982	7 Nos 32,10 x 12,66 m H = 11,50 m	"
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	1979-1980	27 Nos 27,85 x 15,65 m H = 14,70 m	"
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Barcelona	1997	8 Nos 24,68 x 12,86 m H = 14,50 m	Stationary slipform gantry on floating dock
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	1988-1989	45 Nos 21,94 x 8,39 m H = 14,70 m	"
	1987-1988	34 Nos 21,941 x 8,38 m H = 13,00 m	"
	1991-1992	24 Nos 24,68 x 12,86 m H = 17,00 m	"
Bilbao	1991	8 Nos 15,30 x 8,50 H = 22,0 m	"
	1991	8 Nos 8,50 x 6,40m H = 22,0	"
	1986-1987	15 Nos 33,70 x 11,00 m H = 18,0 m	"
	1997	33 Nos 31,28 x 17,16 m H = 23,10 m	"
Cartagena	1995-1996	18 Nos 28,35 x 12,67 m H = 13,20 m	"

Cartagena	1997	10 Nos 25,33 x 11,90 m H = 14,40 m	Stationary slipform gantry on floating dock
	1988	1 No 33,40 x 19,00 m H = 7,10 m	"
La Palma	1994	6 Nos 26,90 x 14,46 m H = 13,60 m	"
Las Palmas	1997	10 Nos 25,92 x 12 m H = 14,50 m	"
	1992-1994	32 Nos 29,00 x 21,30 m H = 17,90 m	"
Palma, Mallorca	1997	2 Nos 29,77 x 12,59 m H = 12 m	"
	1995-1996	8 Nos 33,30 x 9,68 m H = 12 m	"
Santander	1979-1980	25 Nos 22,90 x 8,80 m H = 14,90 m	"

Tenerife	1992	1 No 33,75 x 14,49 H = 16,30 m	"
Tenerife	1996	8 Nos 25,92 x 12 m H = 16,40 m	Stationary slipform gantry on floating dock
Tarragona	1996-1997	1 No 33,22 x 12,56 m H = 15,8 m	"
		18 Nos 31,80 x 12,56 m H = 14,50 m	"
Spain, various locations	2013	Unknown Sold equipment	"
Spain, various locations	2014	Unknown Sold equipment	"
SWEDEN			
Göteborg	1965	30 Nos D = 8 m H = 12 m	Stationary slipform gantry Transfer of slab and caisson Launching platform with jacks
Tunadal	1966	39 Nos D = 10 m H = 11 m	"
Luleå	1976-1977	24 Nos D = 11 m H = 14 m	Stationary slipform gantry Above launching platform with jacks Transfer of slab into gantry

Luleå	1994	22 Nos D = 11 m H = 15 m	Stationary slipform gantry Above launching platform with jacks Transfer of slab into gantry
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Skelleftehamn	1998	18 Nos D = 11 m H = 15 m	"
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ASIA

KOREA

Dong-Ah	1995		Stationary slipform gantry
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Kwangyang 3-1	2003	38 Nos 15,9 x 31,4, h=20	Stationary slipform gantry Transfer of slab & caisson to FD
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Kwangyang 3-2	2004	39 Nos 14,9 x 31,6 m H = 20 m	"
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		20 Nos 8,9 x 30 m H = 17,7 m	"
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Pusan New Port North 2-1	2004	32 Nos 12 x 34,4 m H = 19,3 m	"
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Pusan New Port North 1-2	2005	32 Nos 12 x 34,4 m H = 19,3 m	"
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Jeju Harbour West Breakwater Caissons	2005	36 Nos 4.900 tons		"
Ulsan South Break Water I	2006	30 + 16 Nos 17 x 32 m H = 21 m		"
Ulsan South Break Water II	2007	54 Nos 21 x 25, h=20,5	Stationary slipform gantry Transfer of slab & caisson to FD	
Incheon Newport Container Terminal Sect 1	2009	44 Nos 6.000 tons		"
Pohang Young-il Bay Caisson Project	2010	31 Nos 11.500 tons		"
Jeju Naval Project Section 1	2011	57 Nos 15.000 tons		"
Samchuk LNG Production Base	2011	72 Nos 11.000 tons		"
Pohang Young-il Bay Section 2	2012	14 Nos 8010 tons		"
Jeju Naval Base Caisson 2nd Section	2012	82 Nos 3590 tons		"
Pohang Young-il Bay South Breakwater	2013	24 Nos 7500 tons		"
Ulsan South Breakwater 2-1	2015	30 Nos 11.500 tons		"

Donghae Breakwater Section 2	2017	22 Nos 10.900 tons	"
Ulsan Breakwater-Wharf	2017	47 Nos 7.500 tons	"
Donghae Breakwater Section 1	2018	30 Nos 10.000 tons	"
Donghae Breakwater-Wharf Ph 1	2019	21 Nos 12.000 tons	"
Gangneung Anin Power plant	2019	41 Nos 12.700 tons	"
Donghae Port Tri-level Dev. Sect 2	2020	27 Nos 11.300 tons	"
Samchuck TPP	2021	49 Nos 11.200 tons	"
Ulleungdo Airport Caisson Project	2021	30 Nos 16.600 tons	Transfer of slab & caisson to FD
Incheon New port 1-2	2021	42 Nos 11.200 tons	Stationary slipform gantry Transfer of slab & caisson to FD
Ulsan South Breakwater 2-3 Caisson	2022	22 Nos 15.500 tons	"
JAPAN M.I.C Project	2022	40 Nos 25x30, h=17	2 x Stationary slipform gantry on floating dock

SAUDI ARABIA

Damman	1978	199 Nos 20 x 17 m H = 18 m	"
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SINGAPORE

Pasir Panjang Ph 1&2	1997-2000	88 Nos 30 x 16 m H = 19 m	Stationary slipform gantry Transfer of slab and caisson to Floating dock
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Jurong Island Road Link	1997	86 Nos 18 x 30 m H = 15 - 19 m	"
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Pasir Panjang Ph 3& 4	2008-2010	150 Nos 24 x 40 m H = 32 m	"
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Tuas	2015-2017	91 Nos	"
Finger One Caisson Project		14.000 tons	

Tuas Terminal Phase 1 (Tuas Finger 2)	2017	222 Nos 15.200 tons	"
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Tuas Terminal Phase 2 (Tuas Finger 3)	2019	227 Nos 13.700 tons	"
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U A E

Dubai	1975-1976	162 Nos 31 x 17 m H = 21 m	Mobile slipform gantry Transfer of caisson Launching platform (syncrolift)
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VIETNAM

Son Duong Port Wharf & Breakwater,	2012	237 Nos 10.000 tons	Stationary slipform gantry Transfer of slab & caisson to FD
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QATAR

Nakilat Ship Repair Yard	2008	41 Nos 19 x 38 m H = 14 m	Stationary slipform gantry Transfer of slab & caisson to FD
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AFRICA

ALGERIA

Djen Djen Container Termii	2015-2017	48 Nos 6.000 tons	Stationary slipform gantry Transfer of slab & caisson to FD
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CAMERUN

Viktoria	1978-1980	25 Nos D = 14 m H = 14 m	Stationary slipform gantry Above launching platform with jacks Transfer of slab into gantry
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EGYPT

Alexandria	1994 1979-1980	60 Nos D = 14,8 m H = 14/21/24 m	Convent. slipform on floating dock Slab poured on the floating dock
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Suez	1981	75 Nos D = 6,2 x 12 m H = 7 m	Stationary slipform gantry, Caisson launched by floating crane
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Suez		38 Nos D = 5,0 x 9,5 m H = 13,5 m	
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IVORY COAST

Abidjan	1978	35 Nos D = 12 m H = 15 m	Stationary slipform gantry Transfer of slab into gantry Slipway launching
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LIBYA

Ras Lanuf	1980-1981	21 Nos 31,5 x 19,6, h= 19,8	Cranelifted slipform rig in dry dock
		24 Nos 20,5 x 11,8, h=15,2	"

MOROCCO

Nador	2017	253 Nos	Stationary slipform gantry
West Med Caisson Project		8.300 tons	Transfer of slab and caisson to Floating dock

Laayoune New Phosphate Port	2020	41 Nos 8.900 tons	Stationary slipform gantry Transfer of slab and caisson to Floating dock
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SENEGAL

Tortue Hub Project	2019	21 Nos 16.700 tons	Heavy Duty Slipform Transfer of slab and caisson to Floating dock
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NORTH AMERICA

GUADELOUPE

Port de Pointe -à-Pître	1993	13 Nos D = 18,40 m H = 18,40 m	Stationary slipform gantry in dry dock
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