

## Series overview

	Moored Derrick Pipelay Barges				DP Derrick Pipelay Barges			
	SCB 2600 SJ	SCB 3000 DJ	SCB 3500 SJ	SCB 4000 DJ	SCB 2600 SJ	SCB 3000 DJ	SCB 3600 SJ	SCB 4200 DJ
<b>Vessel</b>								
Length [m]	135.00	160.20	135.00	160.20	135.00	160.20	135.00	160.20
Breadth [m]	36.00	36.00	40.00	40.00	36.00	36.00	40.00	40.00
Depth [m]	11.05	11.05	12.60	12.60	11.05	11.05	12.60	12.60
Draft [m]	7.20	7.20	8.00	8.00	7.20	7.20	8.00	8.00
Free deck area [m <sup>2</sup> ]	2,820	3,700	2,900	3,900	2,820	3,700	2,900	3,900
Deadweight [t]	16,000	20,000	18,000	23,500	15,000	19,000	17,000	22,500
POB #	260	260	320	320	260	260	320	320
Total installed power [kW]	10,000	12,000	13,000	15,000	18,500	20,000	22,000	26,000
<b>Positioning</b>								
Thrusters [kW]	-	-	-	-	6 x 2,700	6 x 3,000	6 x 3,000	6 x 3,300
DP class	-	-	-	-	DPS-3	DPS-3	DPS-3	DPS-3
Mooring winches [NR]	10	10	10	10	Optional 8	Optional 8	Optional 8	Optional 8
HHP anchor [t]	6	6	6	6	6	6	6	6
Wire diameter ["]	3	3	3	3	3	3	3	3
Wire length [m]	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Holding capacity [t]	330	330	330	330	330	330	330	330
<b>Heavy Duty Derrick Crane</b>								
Max. allowable crane capacity at 33 m outreach								
- fully revolving [t]	2,100	2,500	2,500	3,500	2,100	2,500	3,000	3,400
- fixed over stern [t]	2,600	3,000	3,500	4,000	2,600	3,000	3,600	4,200

Data presented in this product sheet is for information only and subject to change without notice.

# GustoMSC Derrick Pipelay Barges



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# GustoMSC Derrick Pipelay Barges



GustoMSC has developed a range of Derrick Pipelay Barges based on four hull configurations. The SCB series is the non-propelled barge, fitted with a 10-point mooring spread. The DCB series is the self-propelled barge with a DPS-3 system and optionally an 8-point mooring spread. The moored version is intended for the shallow water operations up to 200 m, while the DPS-3 version is intended for the deepwater up to 1,500 m.

## Barge design

With the SCB and DCB series, GustoMSC highlights the Derrick Lay Barges, based on a proven barge design. The hull shapes have been developed for ease of construction, while maintaining a good transit and positioning capability. By their sturdy layout, these vessels are the workhorses for the installation and construction markets.

## Positioning

The SCB series comprises the spread moored barges. A redundant 10-point mooring spread with 3" lines of 1,500 m is provided. By its 10-point mooring spread, the barge can reposition itself. Thus in shallow water continuous pipelay operations can be obtained.

The DCB series consists of the DP barges, whereby the configuration is such that during sensitive heavy lift operations a DPS-3 configuration can be achieved while during pipelay operations a DPS-2 configuration can be achieved.

## Crane

For the SCB and DCB series a range of cranes is proposed to suit the lifting operations. The maximum lifting capacities of each platform are indicated for each of the barges.

GustoMSC has a track record for supplying heavy duty derrick cranes. The crane moment is transmitted by the GustoMSC bogie roller system which provides discrete loading patterns into the supporting structure on the crane vessel. A wide-base high strength trusswork boom with sturdy box type boom tip ensures maximum reach at minimum weight.

The spacious winchhouse is designed for ease of maintenance. As an option, the A-frame can be made foldable to reduce air draught.

## Pipelay configuration

The SCB and DCB barges can be outfitted with a single joint or a double joint factory, up to contractor's preference. The fully symmetrical single or double joint factory is located below the pipe rack deck. The main firing line consists of 1 line-up, 4 welding, 1 combined NDT/repair and 2 coating stations. The SCB series is developed around a tensioning system of 2 \* 100 t with a 200 t A&R capacity. The DCB series is developed around a tensioning system of 2 \* 200 t with a 400 t A&R capacity. The pipelay equipment is designed for 6" to 48" outer diameter, up to 60" including coating.

A fixed truss type stinger is provided at the centerline which can be adjusted for the pipe diameter and water depths.