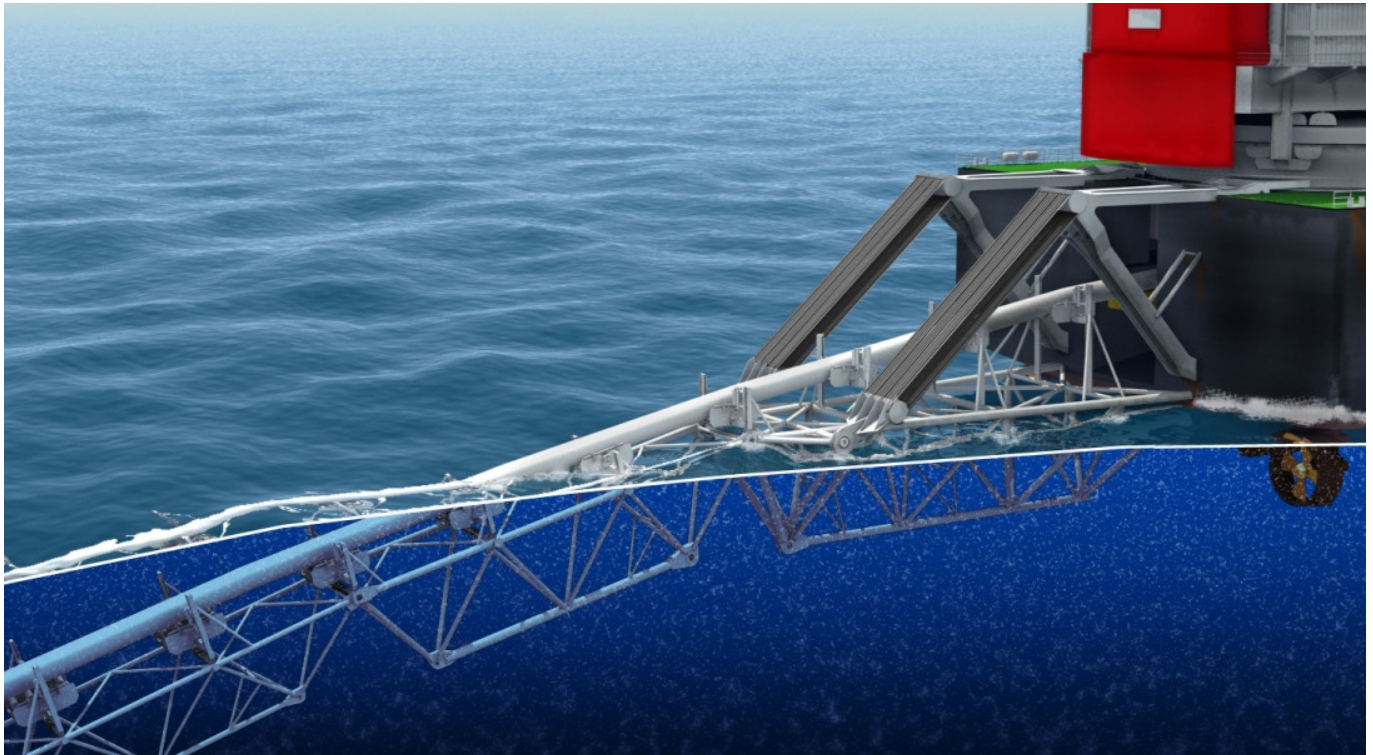


GustoMSC Deepwater Stinger



The GustoMSC deepwater stinger is a three section stinger designed for pipelay operations in water depths from 15 to 2,000 meter. The stinger is adjustable in radius to allow both shallow and deepwater pipelay in pipe ranges of up to 60".

This stinger design has been applied for the Hai Yang Shi You 201, a GustoMSC design DPV7500 deepwater construction vessel owned and operated by COOEC, China.

Special design features

The stinger design methodology is a proprietary method developed by GustoMSC which allows a significantly lighter construction offering the same pipelay capacity and robustness as traditional heavy stinger designs for deepwater pipelay application.

The weight savings on the stinger structure have additional advantageous effects on the stinger handling system design and vessel design, which both benefit from the light loads imposed on the handling system and on the aft ship of the vessel which supports the stinger.

Both stinger and stinger handling system are removable, allowing for a completely flush transom of the vessel when not operating as a pipelaying vessel, thereby enhancing the versatility of the vessel.

Principal dimensions and main particulars

Overall length	87 m
Section 1	33 m
Section 2	27 m
Section 3	27 m
Maximum radius	385 m
Minimum radius	73 m

Pipelay capabilities

Pipe range(s)	6" – 60" O.D.
Water depth range	15 – 2,000 m
Maximum wave height Hs pipelay	2.5 m
Maximum wave height Hs stand-by	8.2 m

Stinger handling system

Stinger handling is by means of a dedicated stinger handling system. This system consists of a dual removable A-frame with wire system with winches integrated in the A-frames. Optionally the system can be fitted with slack wire prevention.

Stinger radius adjustment by either pup pieces or by means of a dedicated adjustment system, allowing stinger radius adjustment offshore even with deployed A&R wire.

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

