



Grab Dredger and Fallpipe Rock Installation Vessel

Grane R

Grane R is a powerful offshore grab dredger, rock installation-, and multi-purpose vessel, equipped with a large 875E Sennebogen material handler and a Liebherr HS 8300 HDE crane and monitored with RESON PDS2000. Grane R is capable of performing a variety of projects related to trench dredging and backfilling, boulder removal, rock installation, and other offshore activities. Grane R operates with a wide range of grabs.

Grane R is furthermore equipped with an innovative telescopic and motion-compensated fall pipe system, allowing precise and efficient rock installation down to depths of up to 60.0 m.

Results can be documented immediately with installed state-of-the-art multibeam survey equipment and USBL system.

Grane R is capable of precisely maintaining a fixed position by means of Dynamic Positioning (DP2) with high accuracy during operations. "No anchors, no spuds".

With high propulsion power, four transverse thrusters combined with the DP2 system, and a subsea monitoring system, this vessel is the perfect solution for dredging, offshore, and subsea operations.

Specifications

IMO	9448530	Stern Azimuth thruster	2x2,500kW
Call sign	OYRD2	Total power installed	6,960kW
MMSI	219301000	Speed ballast	12.0kn
Gross tonnage	6,029GT	Speed loaded	10.0kn
LOA	93.0m	Flag	Danish
Breadth	23.2m	Class	Bureau Veritas
Rock capacity	4,200t	Cranes	Liebherr HS 8300 HD-E Sennebogen 875
Fallpipe size	Ø 1,200mm	Grabs	10 m ³ flatnose clamshell HD 6 m ³ roundnose clamshell HD 7 m ³ orange peel/polyp HD 12 m ³ environmental clamshell (30 m ²) 12 m ³ sand clamshell
Rock size	LM _A 15-120kg		
Fallpipe operational depth	<60.0m		
Accommodation	13 single cabins and 6 double cabins		
Draught loaded	6.8m		
Draught unloaded	5.4m		
Dredging depth grab	<100.0m		
Main engine	4x1,740kW		
Bow thruster	3x883kW		

Nordic mythology

Grane is an eight-legged horse owned by the hero Sigurd. He is the horse that Sigurd receives, through advice from the god Odin, as Grane is the son of Odin's own horse, the magical eight-legged Sleipner.

