



Multi-Purpose Vessel

Grane R

Grane R is a powerful grab dredger and rock installation vessel, equipped with a large 875E Sennebogen material handler and a Liebherr HS 8300 HDE crane and monitored with RESON PDS2000. Operating with a multitude of grabs, Grane R is capable of performing a variety of projects related to trench dredging and backfilling, boulder removal, and rock installation.

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 60m, with possibilities to extend.

Results are immediately documentable with installed state-of-the-art multi-beam 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 and all other subsea works.

Specifications

IMO	9448530	Bow thruster	3x883kW (Azimuth)
Call sign	OYRD2	Stern thruster	2x3,400kW
MMSI	219301000	Total power installed	6,960kW
Gross Tonnage	6,029GT	Speed	15kn
LOA	93.00m	Flag	Danish
Breadth	23.20m	Class	Bureau Veritas
Rock capacity	4,900t	Cranes	HS8300 HD Liebherr crane 875E Sennebogen material handler
Fall pipe size	Ø 1,200mm	Grabs	10m ³ Flatnose Clamshell; 6m ³ Roundnose HD Clamshell; 7m ³ Orange Peel HD; 12m ³ Flatnose Clamshell; 12m ³ Enviromental
Max rock size	400mm		
Fall pipe operational depth ..	8-60m		
Accomodation	Crew + 6dbl cabins		
Draught loaded	6.80m		
Dredging depth	up to 100m		
Gen set	4x1,740kW 2x2,500kW (Azipull)		

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.

