



## Grab Dredger

# Tjalfe R

Tjalfe R is a specialised grab dredger optimised for narrow or shallow water dredging in channels, harbours, and nearshore.

With its hydraulic Liebherr HS 8130 HD crane, Tjalfe R is the perfect vessel for dredging high spots, corners, alongside piers, and around other obstacles in a port.

Tjalfe R operates with a multitude of grabs, including grabs for handling of sand, and heavy-duty grabs for handling of harder soils, as well as state-of-the-art environmental grab.

Tjalfe R has position-keeping capabilities that allow it to accurately maintain a fixed position during operations. "No anchors, no spuds".

Tjalfe R can discharge using its split hull function.

# Specifications

IMO .....	9281889	Bow thruster .....	216kW
Call sign .....	PCTO	Total power installed .....	2,523kW
MMSI .....	244641000	Speed ballast .....	9.0kn
Gross tonnage .....	965GT	Speed loaded .....	8.0kn
LOA .....	57.5m	Flag .....	Dutch
Breadth .....	14.8m	Class .....	Bureau Veritas
Hopper capacity .....	800m <sup>3</sup>	Grabs .....	6.5 m <sup>3</sup> flatnose clamshell HD 5 m <sup>3</sup> roundnose clamshell 3 m <sup>3</sup> orange peel/polyp HD 7 m <sup>3</sup> environmental clamshell
Draught loaded .....	4.1m		
Draught unloaded .....	2.3m		
Dredging depth grab .....	>100.0m		
Main engine .....	2x537kW		

## Nordic mythology

**Tjalfe** is the companion and servant of the god, Thor. In the old legends, Tjalfe is described as steadfast, and in the song of 'Hrungnir', Tjalfe superiorly defeats Mokkurkalfi, a clay-giant who stood nine feet tall.

