



Backhoe Dredger

Mjølnær R

Mjølnær R is a diesel-electric and is not the largest of its kind in the world, but it belongs to the class of very large backhoe dredgers that aren't too heavy for all the small to medium size jobs in Scandinavian waters, and elsewhere in the world. The bucket types range from environmental to ripper and heavy duty and come in sizes from 3.5m³ to 16m³.

Mjølnær R has been designed as a powerful and very efficient production unit, working in environmentally friendly ways that take the surroundings, as well as the crew on board, into consideration. All hydraulic oils and lubricants are biodegradable, further enhancing environmental sustainability.

The dredging monitoring system, RESON PDS 2000, shows position, dredging area, and area already dredged, ensuring high quality in operations.

The excavator PC3000 1-6 is capable of reaching depths down to 22m. With an Xcentric ripper, XR120, Mjølnær R can also handle very hard material.

The PC3000 1-6 has as the first new backhoe been rebuilt in 2024 to a diesel-electric Ultra Low Emission Vessel (ULEV) also with much less noise emission.

Specifications

IMO	9068110	Draught	1.80m
Call sign	OULG2	Dredging depth	22.00m
MMSI	219007363	Excavator	PC3000 1-6
Gross Tonnage	778GT	Total power installed	2,154kW
LOA	51.50m	Flag	Danish
Breadth	17.00m	Class	DNV GL

Nordic mythology

Mjølner is the hammer of the god, Thor. It never misses its target, strikes with incredible force, and always returns to its owner's hand afterwards. Mjølner is also used to create thunder and lightning.

