



## Backhoe Dredger

# Mjølnær R

Mjølnær R is a powerful backhoe dredger belonging to the class of very large backhoe dredgers, designed for demanding dredging projects worldwide.

The vessel is equipped with a Komatsu PC3000-6 excavator, operating with bucket sizes ranging from 3.5 m<sup>3</sup> environmental buckets to 16.0 m<sup>3</sup> heavy-duty and ripper buckets, enabling efficient excavation of both soft and extremely hard materials.

The excavator is fitted with a Xeamos SCR exhaust gas cleaning system, supporting Ultra Low Emission Vessel (ULEV) compliant operations while significantly reducing both emissions and noise levels. Combined with the Xcentric XR120 ripper attachment, Mjølnær R can efficiently excavate very hard soil and rock formations at dredging depths of up to 22 metres.

Designed as a high-performance production unit, Mjølnær R combines powerful dredging capabilities with a strong focus on environmental sustainability and crew safety. All hydraulic oils and lubricants are biodegradable, supporting environmentally responsible operations.

The vessel is equipped with the dredging monitoring system RESON PDS 2000, providing precise positioning, dredging control, and continuous monitoring to ensure high operational accuracy and efficiency.

# Specifications

<b>IMO</b> .....	9068110	<b>Dredging depth</b> .....	22.0m
<b>Call sign</b> .....	OULG2	<b>Excavator</b> .....	Komatsu PC3000-6
<b>MMSI</b> .....	219007363	<b>Total power installed</b> .....	2,154kW
<b>Gross tonnage</b> .....	778GT	<b>Flag</b> .....	Danish
<b>LOA</b> .....	51.5m	<b>Class</b> .....	Bureau Veritas
<b>Breadth</b> .....	17.0m	<b>Bucket size</b> .....	3.5-16.0m <sup>3</sup>
<b>Draught loaded</b> .....	2.0m		
<b>Towing draught</b> .....	3.8m		

 **Nordic mythology**

**Mjølnær** 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. Mjølnær is also used to create thunder and lightning.

