

TBN for Bakkafrost, Faroe Islands

Electric Workboat



Brunvoll Mar-EI AS // Daler, Norway // T: +47 35 07 58 00 // E: mar-el@brunvoll.no // W: brunvoll.no

VESSEL DETAILS:

Owner	P/F Bakkafrost, Faroe Islands
Shipyard	MEST Shipyard P/F, Faroe Islands
Hull Number	115
Year Built	2021
Ship Design	MEST 1508WB
Class	Faroese Maritime Authority, FMA
Gearbox	Kumera Helseth AS
Propeller	Kumera Helseth AS

BRUNVOLL SCOPE OF SUPPLY:

Motor	2x 250kW Permanent Magnet Motor
Battery System	Corvus Dolphin Energy, 1055kWh
Remote Control	Triton CPP Control System
Energy Management	Triton EMS
DC Switchboard & Inverters	for propulsion and hotel load

Triton Battery Propulsion

The full electric workboat for the aquaculture company Bakkafrost is a zero emission vessel.

The system consist of two PM-motors running two CPP-propellers via gearboxes.

Both the propulsion and the hotel load are supplied from the battery pack.

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Electric Workboat

Bakkafrost, Faroe Islands has ordered a 14,99 m electric service vessel from the Faroe Islands shipyard MEST. "A part of the winning concept is that the boat operates throughout the day and lies still and is charged at night, when there is a lot of electrical energy available. Thus the workboat helps to utilize the wind and water energy better", said The Environment Agency.

The Brunvoll delivery is a system supply for battery package and electric motors for propulsion with hotel load supply and charge interface to shore connection.

Integrated system design with focus on control philosophy and energy savings.

