



TRUSTED
WORLD
WIDE



BRUNVOLL

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BRUNVOLL offers a highly versatile range of Thruster Systems. Each system can be optimized to meet individual requirements – from standard operations to ice class applications, from DP-class thrusters to light auxiliary duty thrusters. Power range from 100kW to 2600kW.

Thrusters for Fishing Vessels



– a Brunvoll tradition

since 1964

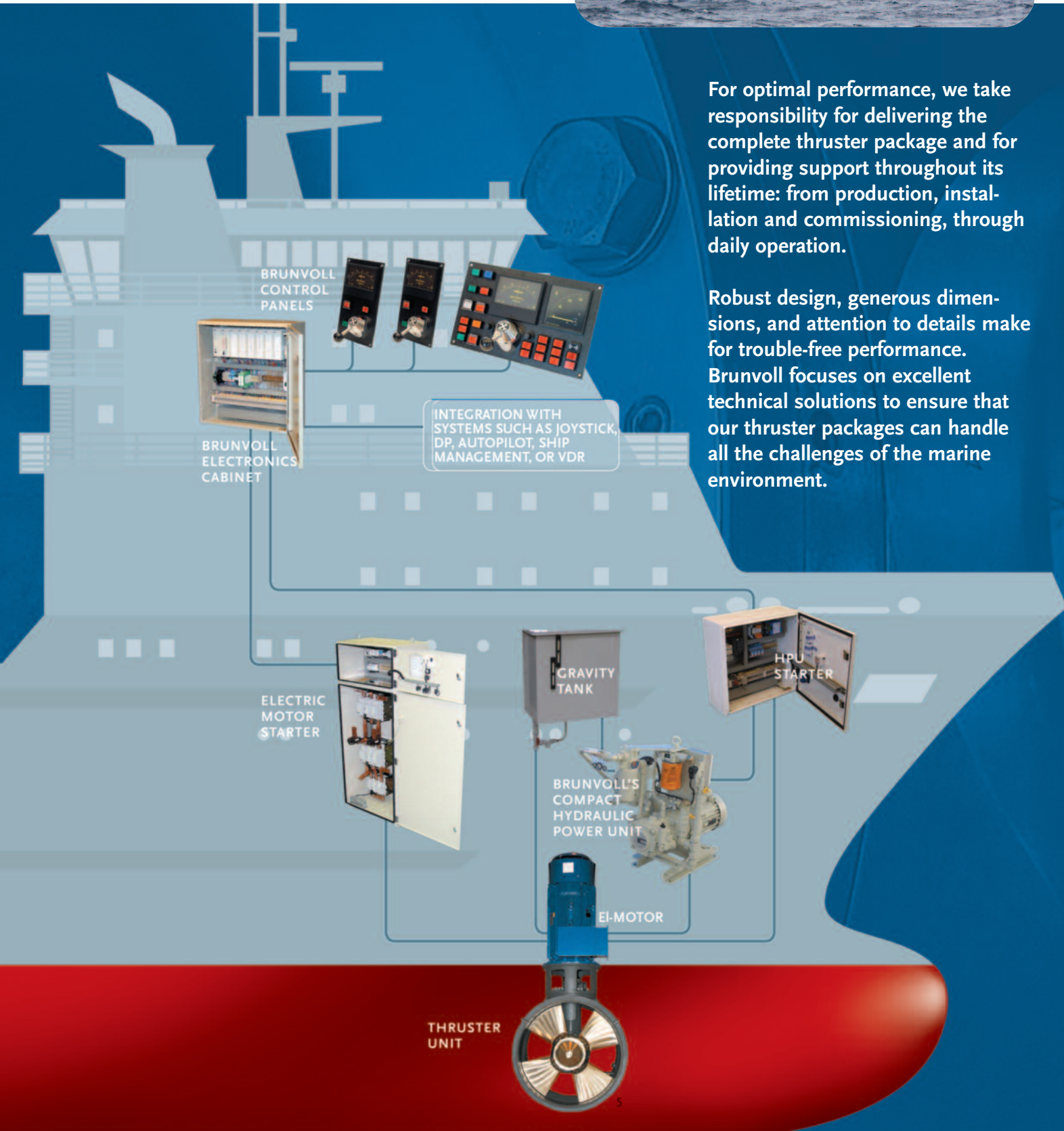
COMPLETE THRUSTER PACKAGES

"Finnur Fridi" – trawler/purse-seiner built at Aker Langsten AS (STX) for Krossbrekka PF, Færøylene. 2x Brunvoll 882 kW tunnel thruster bow/stern.



For optimal performance, we take responsibility for delivering the complete thruster package and for providing support throughout its lifetime: from production, installation and commissioning, through daily operation.

Robust design, generous dimensions, and attention to details make for trouble-free performance. Brunvoll focuses on excellent technical solutions to ensure that our thruster packages can handle all the challenges of the marine environment.



THRUSTER SYSTEMS FOR FISHING VESSELS

Over the past 40 years, Brunvoll has delivered more than 6000 thrusters, and a great number of them to fishing vessels all over the world.

The high number of thrusters delivered has given us a wide experience for further development of our units.

Thruster systems for all types of fishing vessels
The thruster application in a coastal trawler is quite different from that of an ocean-going purse seiner.

Brunvoll has all the experience required to recommend the most suitable solution for the individual vessel.

Advanced and reliable
Over the years we have learned which components of the thruster need margins given, in order to obtain a product that can stand heavy continuous duty in rough environments.

Wherever the fishing takes place, outside the coast of South America or in rough weather in the North Atlantic – you can always rely on the Brunvoll thruster.

After Sales Service
Our in-house service team has established cost-efficient, preventive maintenance plans for the specific type of thruster. We have developed docking manuals

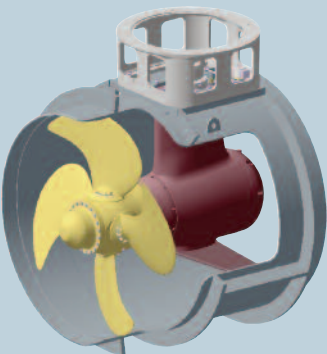
and service reports that meet the needs of the superintendent and the chief engineer. We are ready to assist you in making the next planned docking service successful.



"Libas" was the first trawler/purse-seiner in the world, equipped with a Combined Retractable Azimuth Tunnel Thruster. Brunvoll AR 80, 1470kW

STANDARD TUNNEL THRUSTERS

Brunvoll Standard Tunnel Thrusters are designed for the most demanding requirements according to North Sea offshore standards, and are used on all types of ships.



	Propeller diameter mm	Power range kW
FU 37	850	75 - 200
	1000	100 - 250
FU 45	1225	185 - 300
	1375	275 - 450
FU 63	1550	400 - 700
	1750	550 - 900
FU 74	2000	800 - 1400
FU 80	2250	1100 - 1500
FU 100	2450	1500 - 2200
	2750	1800 - 2500

RETRACTABLE AZIMUTH THRUSTERS

The Brunvoll Retractable Azimuth Thrusters are used for dynamic positioning on offshore vessels, as mooring thrusters on shuttle tankers, and as stand by/take home propulsion on naval ships and coastal tankers.

A special version, the **Combi-Thruster**, works as a tunnel thruster in upper position, and as an azimuth thruster in lower position.

	Propeller diameter mm	Power range kW
* AR 63	1650	500 - 880
* AR 80	2100	1000 - 1500
AR 100	2600	1500 - 2200

* Also available in shock resistant version

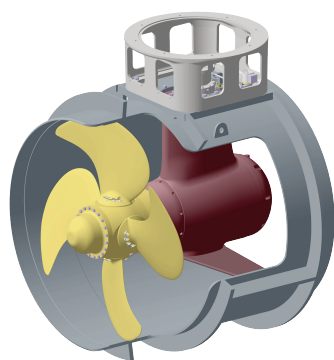


BRUNVOLL

PRODUCT RANGE

STANDARD TUNNEL THRUSTERS

Brunvoll standard tunnel thrusters are designed for the most demanding requirements according to North Sea offshore standards, and are used on all types of ships.

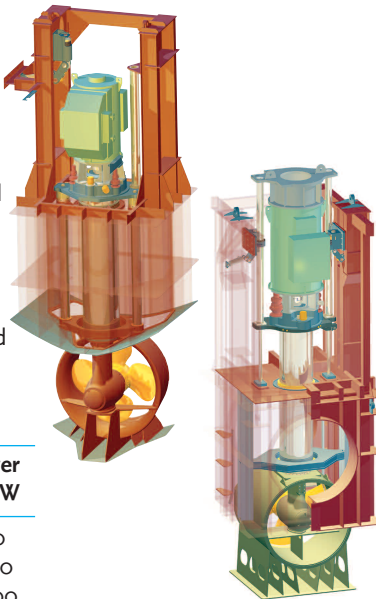


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	Propeller diameter mm	Power range kW
AR 63	1650	500 -880
AR 80	2100	1000 -1500
AR 100	2600	1500 -2200

RIM DRIVEN THRUSTER (RDT)

The RDT is electrically driven with a permanent magnet (PM) motor, where the motor windings are in the stator and where the rotor has a number of permanent magnets.

The RDT may be applied for various thruster configurations with a variable speed drive:

- Azimuth main or auxiliary propulsion thruster
- Combined tunnel and azimuth thruster
- Retractable azimuth thruster
- Tunnel thruster



Propeller diameter (mm)	800	1000	1250	1500	1750
Max Motor Power (kW)	200	300	450	600	900

LOW NOISE TUNNEL THRUSTERS

The Brunvoll Low Noise Tunnel Thrusters, Resiliently Mounted with full length double tunnel, result in a noise reduction of 11 to 15 dB(A).

This design is mainly used on cruise liners, super yachts and offshore vessels where extensive noise suppression is necessary.

	Propeller diameter mm	Power range kW
FU 37	1000	100 - 250
FU 45	1375	200 - 450
FU 63	1750	400 - 800
FU 80	2250	1000 - 1400
FU 100	2750	1500 - 2300

