

Brunvoll Thruster Systems in 2006 "Fure West" 2009 "Nord Goodwill" 2007 "Bahia Castillo" HAMBURG SÜD

















Demanding operations – complex harbours

- relentless demands for efficiency
- focus on safety and environment

Brunvoll technology provides power and precision in challenging operating conditions

Quality solutions and systems – a reputation for reliability

We design our thruster solutions to generous specifications ensuring high endurance and maximum component life. Trusted Brunvoll technology provides peace of mind for dependable manoeuvring, positioning, and propulsion.

Complete thruster systems from a single-source supplier

Brunvoll offers a consistent range from 100 kW to 3,500 kW - including tunnel thrusters, LowNoise thrusters, and rim-driven thrusters (RDTs).

Brunvoll provides fully integrated thruster solutions complete with drive, control, alarm and monitoring systems, electronic cabinets, and hydraulic power units.

BruCon from Bridge to Blade

BruCon is Brunvoll's modular control, monitoring and alarm system for manoeuvring, positioning and propulsion - enabling:

- Precise control of manoeuvring, positioning and propulsion
- Optimized performance
- · Reduced wear
- Smarter preventive maintenance
- Reliable service
- Access to Brunvoll support 24/7



Multidisciplinary in-house expertise

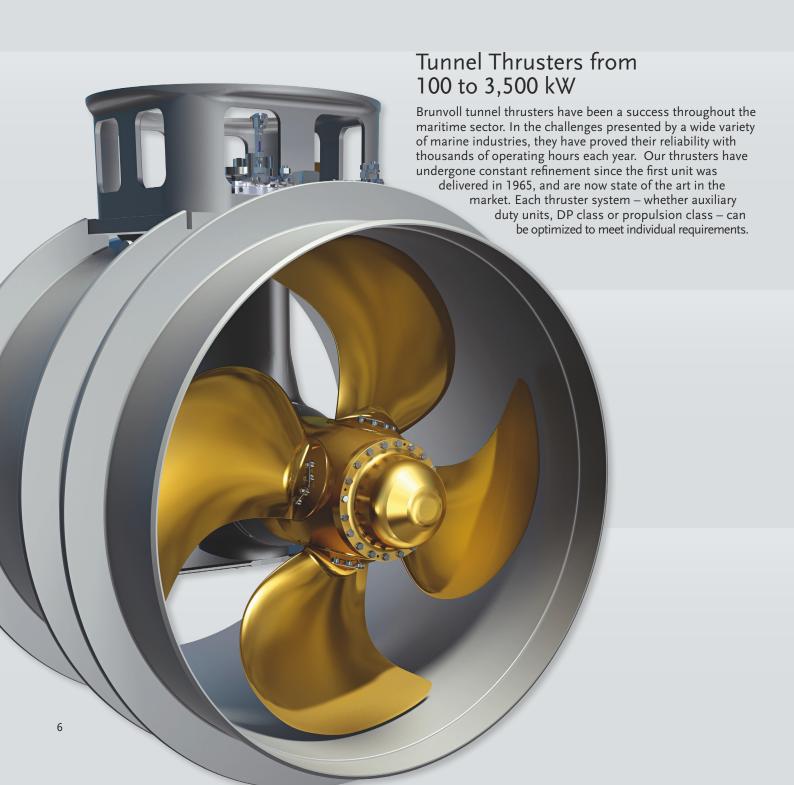
- Mechanical. Hydraulic. Electric. Electronic. Hydrodynamic. Our comprehensive expertise, focused only on thrusters, saves time, saves effort, and boosts long-term benefits.
- Fully integrated design, engineering, production and service enable unmatched expertise, continuity and experience.
 The result is unique flexibility in a demanding market.
- Designers, shipbuilders, owners and crews worldwide appreciate the partnership with Brunvoll and the short path to effective solutions.
- Our insight into propeller design, performance and thruster interaction enables optimized solutions with better thrust, lower energy consumption, low noise, low vibration and improved lifetime performance.

Lifetime service and support

- Our streamlined organization focuses on thruster systems only.
- All our thruster systems are Brunvoll design our service personnel know them inside out.
- Brunvoll's experienced teams of in-house service engineers have multidisciplinary skills.
- Fast and knowledgeable response to service calls is available 24/7.
- For short delivery times, we keep extensive stocks of spare parts for all Brunvoll thrusters in service.

One consistent high-quality Brunvoll

Tunnel













Brunvoll Thruster Systems for any kind of Tankers BIT OKLAND 2006 "Bit Okland" Owner: Tarbit Shipping Yard: _Shanghai Edward Shipbuilding Bow: FU80 LTC 2250 1,450 kW 2007 "SPT Crusader" Owner: Bergshav Management AS Yard: Tsuneishi Corporation Bow: FU100 LTC 2450 2,000 kW 2006 "Excelerate" Owner: Exmar Yard: Daewoo Heavy Industries Bow: 2 x FU80 LTC 2250 1,500 kW Stern: FU100 LTC 2450 2,000 kW



The "Arctic Princess" and "Arctic Lady" transporting LNG from the far north to world markets - manoeuvring with Brunvoll Thruster Systems

The Snøhvit development at Melkøya in Norway is the northernmost liquefied natural gas (LNG) terminal in the world, at a latitude of 71° north, with fierce storms and freezing temperatures.

The "Arctic Lady" and her sister ship the "Arctic Princess" were the first winterized LNG carriers, specially designed to provide safe and reliable service in these extreme weather conditions.









Brunvoll information resources are available in the publications shown here.

Please contact us if you would like to receive any of our brochures.

You are also welcome to read or download them as PDF files at www.brunvoll.no











BruCon from Blade to Bridge The Modular Control System for Manoeuvring, Positioning and Propulsion

Renowned for Efficient and Reliable Service world wide

SERVICE BRUNVOLL

Company Presentation





