

DO JUSTICE TO YOUR ENGINE \_\_\_\_\_







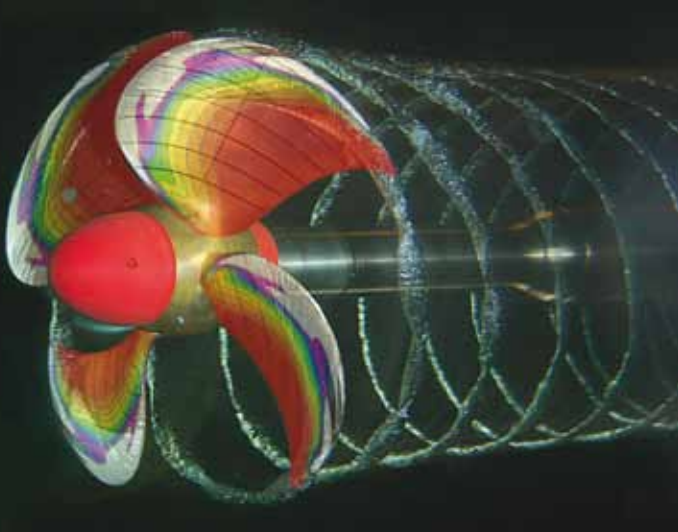
# THE TEACHING OF THE SEAS

Our close neighbour, the Atlantic Ocean, has challenged and inspired us for almost a century. The maritime corporate culture on the weathered coast of north-western Norway has always been based on moderation and the ability to cultivate quality.

Since 1910, we have attained unique competence in the machining and development of propeller systems, and today we are a solid niche producer at home and abroad.

We manufacture our products primarily through a staff of updated and experienced professionals. Innovation, quality awareness and flexibility have contributed to making our company one of the market leaders in our field.





## FOCUSING ON NEW TECHNOLOGY

Focusing on new technology has led to increased competitive ability and strength to our objective of being best on design, quality and delivery.

With over 100 years of experience in the maritime industry we are established as one of the leading manufacturers of controllable pitch propellers. This experience combined with the use of high end computer tools enables our engineers and designers to design and manufacture the optimum tailor made propellers for the customer.

We are continuously participating in R&D-projects to ensure that our staff is always among the leading engineers and designers, having the best tools and knowledge available.

3D and 2D CAD tools are used for design and modeling of our propeller systems, combined with high end FEM and hydrodynamic software. The three-dimensional visualization and animation capabilities in the CAD programs facilitate the design process and eliminate crash of new systems.



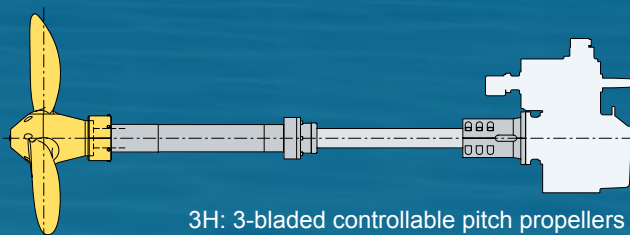


# HELSETH PROPELLER SYSTEMS

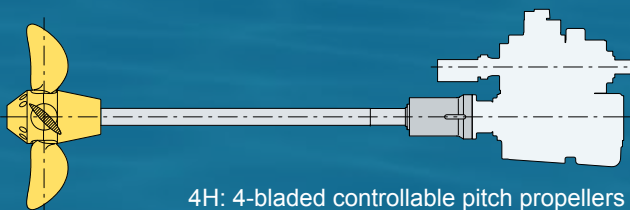
Our product portfolio is made up of 3- and 4-bladed propellers designed with the help of modern tailor made computer programs, and manufactured in high quality materials.

All propeller blades are tailor made for each vessel and designed by the use of top modern design software and experienced designers to fit the vessel perfectly. The propeller hub and pitch-control mechanisms are designed by use of top modern FEM-analysis tools to ensure low weights and sufficient strengths to survive the most hazardous environments.

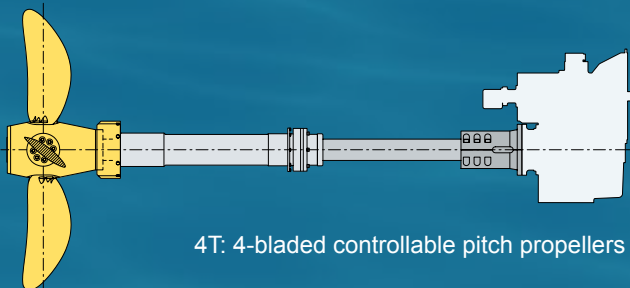
At Helseth we have a daily based contact with all the important class societies to ensure the best possible result for our customers.



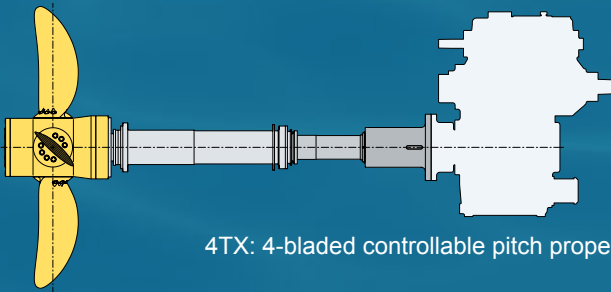
3H: 3-bladed controllable pitch propellers for smaller conventional ships.



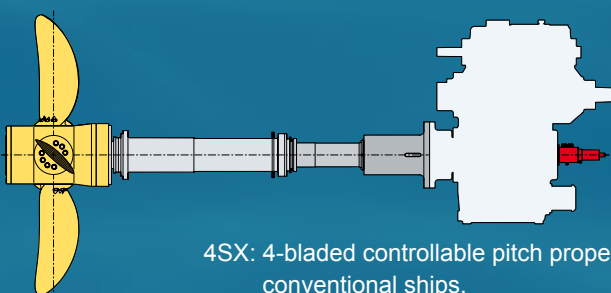
4H: 4-bladed controllable pitch propellers for fast running vessels.



4T: 4-bladed controllable pitch propellers for smaller conventional ships.



4TX: 4-bladed controllable pitch propellers for conventional ships.



4SX: 4-bladed controllable pitch propellers with external OD-box for conventional ships.





# ONE OF NORWAYS MOST EXPERIENCED

Helseth was established in 1906 and we have today delivered propeller systems to the shipping industry for more than 100 years. This makes us one of the most experienced propeller manufacturers in Norway.

## Milestones

1906: Produced our first crude oil engine, gear box and controllable pitch propeller for use in fishing vessels.

1965: Fast running, light built diesel engines took over the engine market, and we continued with manufacturing of gearboxes and controllable pitch propeller systems.

1980: Further specializing was decided, and we continued with manufacturing of controllable pitch propeller systems only.

1990: The production of Helseth CPPs was moved from the center of Molde city to Hjelset.

Today: We develop and manufacture 3 and 4 bladed controllable pitch propellers for fishing vessels, cargo vessels, ferries, tug boats, fast running passenger vessels and other commercial vessels.

We are situated in modern facilities at Hjelset, approximately 20 km from the town centre of Molde, and approximately 17 km from the nearest air port. We have office and production facilities of approximately 3000 sq.m.





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