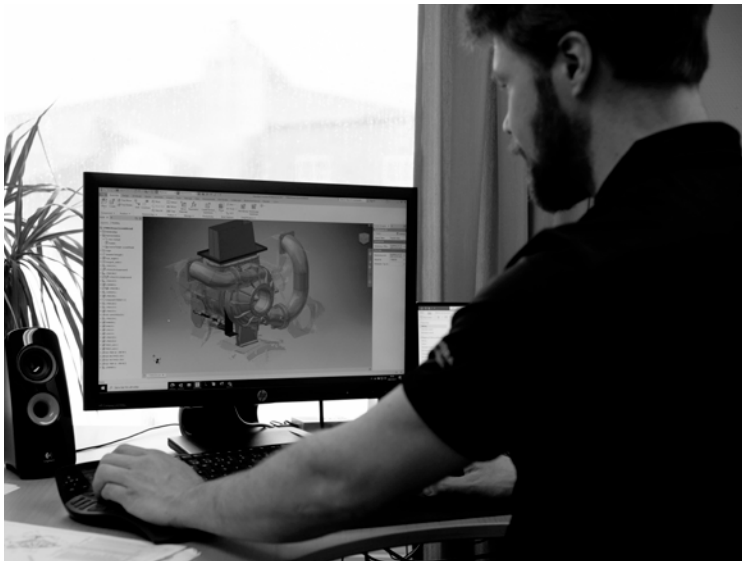




HEDEMORA TURBO & DIESEL

A SUSTAINABLE TURBO SOLUTION



A Sustainable Turbocharger Manufacturer

Hedemora Turbo & Diesel was founded in 1903 and has more than 70 years of experience in engine manufacturing. We are the original manufacturer of Hedemora Turbochargers and Hedemora Diesel Engines, specialised in developing turbochargers for a large range of engines.

We offer a complete solution for your application including development, engineering, manufacturing, installation, service, overhaul and testing of turbochargers in our test cell.

Our core values:

- Customer-focused
- Responsibility
- Respect
- Communication
- Positive



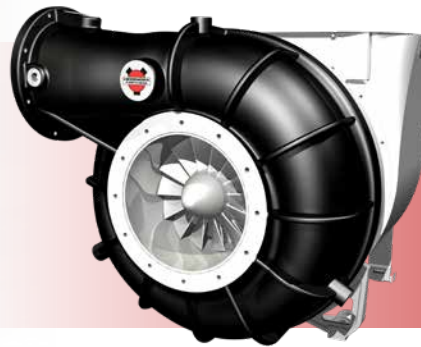
Hedemora Turbochargers

Hedemora Turbochargers are designed for diesel, gas and dual-fuel engines in the output range between 1000 kW and 4,200 kW with a single turbo solution.

Hedemora Turbochargers deliver high performance over different ambient conditions in different applications: Railway, Marine, Power & Energy.

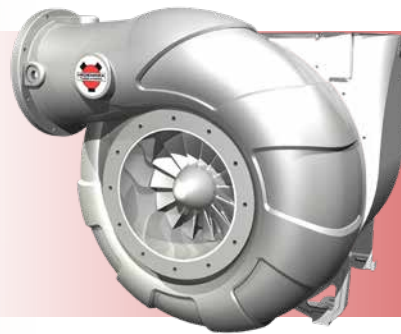
Each type of Hedemora Turbochargers has different configurations of the turbine and compressor stages.

Our Turbochargers:



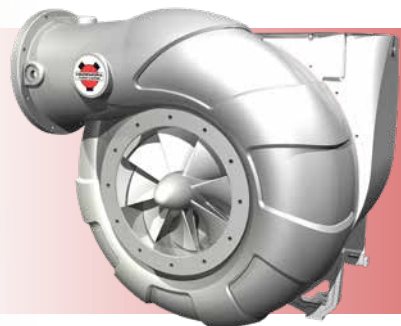
HS4800

- 1000 – 2500 kW
- Max pressure ratio – 4.5
- Mass Air Flow – 4.8 kg/sec
- Air & Oil cooled – 320 kg



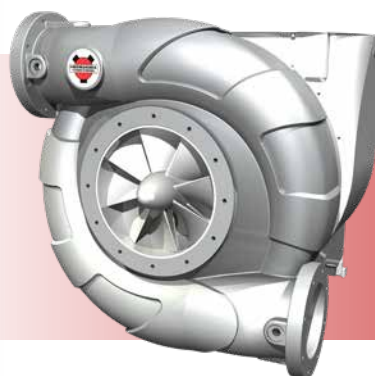
HS5800

- 1500 – 3700 kW
- Max pressure ratio – 4.5
- Mass Air Flow – 5.8 kg/sec
- Air & Oil cooled – 420 kg



HS6800

- 1700 – 4000 kW
- Max pressure ratio – 4.5
- Mass Air Flow – 7 kg/sec
- Air & Oil cooled – 450 kg



HS7800






- 2000 – 4200 kW
- Max pressure ratio – 4.5
- Mass Air Flow – 8 kg/sec
- Air & Oil cooled – 450 kg





Focus on Quality, Performance and Support

We adapt the turbocharger for each individual installation to meet the engine requirements and create added value with increased performance, reduced emissions and improvements in fuel consumption.

High efficiency		Reduces emissions and environmental impact
Long life		Low life cycle cost
Compact and low rotor mass		Fast throttle response
Individually balanced rotor components		Easy to maintain
Air-cooled		Reduces engine heat

With flexible solutions and a focus on customer needs, Hedemora Turbo & Diesel offers:

- Fast deliveries
- Cost-effective and customised solutions
- Testing and follow-up
- Support throughout the life of the turbocharger
- Training of staff – simple on-site service



A Complete Retrofit Concept

Retrofit with Hedemora Turbochargers is a great solution to increase the performance of existing engines. We collect all accessible engine data, customer requirements and 3D-scan the engine to get all interfaces with high accuracy. Our engineers process this information to get the best turbo matching and design a complete retrofit kit that can be installed on the engine without other modifications.

We have long experience of retrofit on a big number of different engines in railway, marine, power and energy. Successful retrofit extends the lifetime of the engines.

**Experten på kompetensförsörjning
av chefer och specialister**



**NEW ENERGY
FOR YOUR BUSINESS**



Unique Technical Competence Featuring Design, Development, Production and Testing In-House

Engineering

Hedemora Turbo & Diesel specialises in the design, development, manufacturing and maintenance of Hedemora turbochargers. Using 3D-CAD software and Turbo-charger matching simulation software, our dedicated engineers ensure that the turbocharger is optimised for every specific engine application when it comes to design, performance, operation conditions and installation. We use a 3D-laser scanner technology to capture and ensure correct interfaces are established without interfering with other components and optimise the installation process for retrofit projects.

Production

All rotating components are individually balanced to ensure optimal performance. At the production stage, the turbocharger is carefully assembled by experienced technicians issuing associated build records including measurements and component ID's for each turbocharger which are being assessed in accordance with our quality system before delivery.

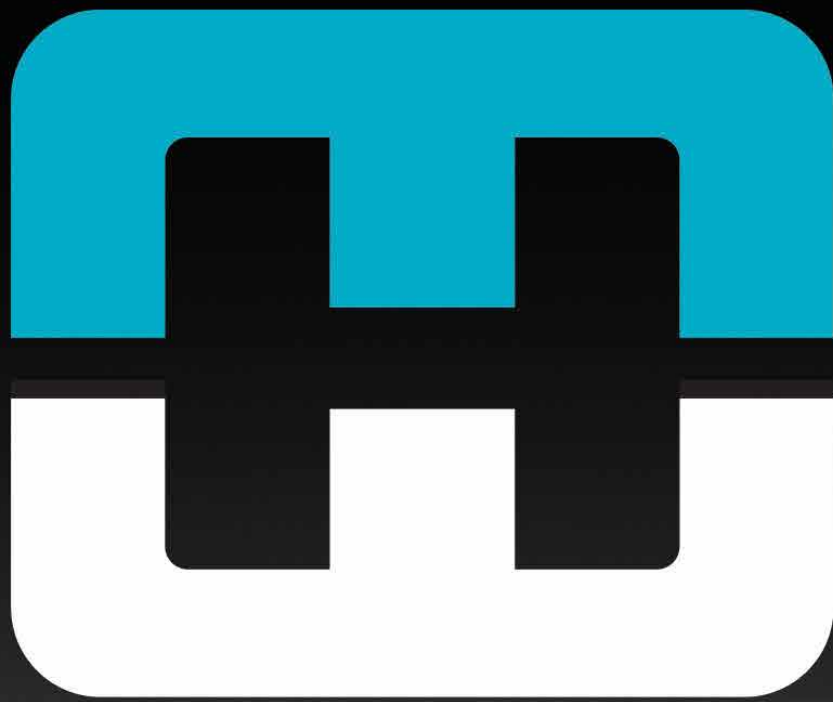
Testing

We perform validation and commercial testing according to standards and agreed requirements with documented reports using our in-house turbocharger test facility.

Quality Assessment

Being certified according to ISO9000/ISO14000 Hedemora Turbo & Diesel has a genuine and incorporated quality system that ensures high-quality products.





HOWMET AEROSPACE

Precision. Strength. Innovation.

Part of Howmet Aerospace, global leader in engineered metal products, Howmet SAS France is a world-class producer of aero engine and industrial gas turbine components, including airfoils, structural, turbochargers and petrochemical components.

We excel in vacuum-melted superalloys, machining, performance coatings and hot isostatic pressing for high-performance parts that enable the next generation of quieter, more fuel-efficient engines and cleaner power generation.

A sustainable turbo solution from Sweden



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