

HIGH-PERFORMANCE IMPELLER MANUFACTURING WITH STATE-OF-THE- ART PRODUCTION TECHNOLOGY

Juhani Haavisto Oy is a Finnish contract machine shop specializing in the serial production and contract manufacturing of impellers for all industrial sectors. We serve international OEM customers and manufacture over 1 000 impellers annually for compressors, turbines, pumps, and propulsion applications.



MODERN MANUFACTURING TECHNOLOGY – PRECISION, QUALITY, AND PERFORMANCE

We utilize next-generation 5-axis machining centers supported by a fully automated pallet system. We employ the most advanced impeller CAM software to produce optimized blade geometries and flow profiles.

Our technology enables:

- Extremely high dimensional accuracy and repeatability
- Optimized blade surfaces and flow geometries
- Short lead times and high production efficiency
- Minimized downtime through automation
- Competitive cost levels even for demanding products and all materials



→ Production capacity and technical specifications Manufactured impellers

Dimensions

- Diameter: up to 1 500 mm

Materials

- All common impeller materials including duplex, super duplex and titanium

Finishing and treatments

- Coatings
- Grinding / polishing / pickling

Blank options

- Round bars
- Castings
- 3D-printed blanks

Inspection and documentation

- Balancing and NDT inspections / certificates
- 3D-measurement and inspection reports
- Material certificates

→ Services

- Contract manufacturing / serial production
- Customer-specific assemblies
- Inventory and stock management services
- Special products and single-piece manufacturing

→ Customer benefits

- High quality precision-machined impellers
- Fast delivery times – also directly from stock
- Standardized processes and reliable deliveries
- Competitive pricing
- Reliable partner with over 40 years of experience in demanding industrial components

→ Impeller applications include

- High-speed compressors and turbines
- Industrial pumps
- Propulsion and power transmission solutions for the marine industry

Contact Us – High-quality impellers cost-effectively and with short lead times



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