

POWERUP TURBOCHARGER



Turbochargers are at the heart of modern gas engine technology — they take performance, efficiency, and dynamics to a whole new level. Overhauling them requires the utmost precision and technical expertise. With state-of-the-art measurement technology, many years of experience, and a passion for quality, we ensure that your gas engines run reliably and at maximum performance.



Turbocharger

Maximum Efficiency For Your Gas Engines

Turbochargers operate under extreme conditions — high temperatures, enormous speeds, and extremely tight tolerances. Even the smallest deviations can impair engine performance or lead to failures. That is why we rely on the strictest quality controls and experienced specialists to get your turbocharger back in top form. We calculate and select the optimal turbocharger for your specific customer project, ensuring that your gas engine operates at the best possible efficiency. Our tailor-made solutions take all relevant operating parameters into account and offer high efficiency and reliability — precisely tailored to your requirements.



Our services at a glance:

- Professional overhaul in accordance with current OEM guidelines
- Use of PowerUP spare parts that have been tested and proven over many years
- Exchange pool solutions to minimize downtime
- Component repair using LMD (laser metal deposition) for turbine shafts, compressor wheels, and bearing housings
- Individual consultation and design of the right turbocharger for your project

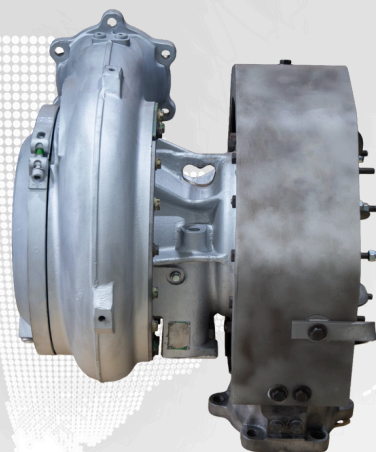
Key points of turbocharger overhaul:

- Detailed initial assessment and damage analysis
- Chemical cleaning and thorough cleaning of all components
- Crack testing of turbine and compressor
- Precise measurement and testing of all components
- Replacement or repair of worn parts
- Balancing of rotor components
- Assembly and final inspection with documentation for tracking
- Comprehensive customer report with condition images before and after cleaning

♻ Before



✅ Afterwards



In addition, we support you with personal advice and comprehensive service from the selection to the commissioning of the turbocharger.

We offer turbocharger reconditioning for the following engine types:

| Jenbacher® | MWM® |

J412	TBG616
J312	TCG2016
J612	TCG3016
J416	TBG620
J316	TCG2020
J616	TCG3020
J420	TBG632
J320	TCG2032
J620	

**Trust in our expertise:
in the maintenance, overhaul, and design of turbochargers — for maximum
reliability and efficiency of your gas engines!**

Long-term Supply Agreements (LTSA)

PowerUP offers long-term supply agreements (LTSAs) for maximum flexibility through a strategic combination of parts, repairs, and field service at discounted fixed costs for the term of the agreement. With an LTSA, you have preferential access to the PowerUP parts inventory, field service resources, and technical expertise.

- Jointly defined requirements list
- The annual volume is assumed based on the requirements list
- Special LTSA discounts are granted depending on the order volume
- At the end of each year, the volume is reviewed and an LTSA discount (credit note) is issued.
- This LTSA discount is offset against future LTSA orders

PowerUP Long-term Supply Agreements (LTSA)	Standard service contract based on operating hours
Invoicing takes place at the time the order is placed without any pre-financing costs.	Invoicing is based on operating hours. Payable from the first operating hour. Extensive and costly maintenance work.
Flexible scope of delivery. Parts can be added to or removed from the LTSA at any time with little or no impact.	Fixed scope of delivery. It is not possible to change the scope of delivery, as a removed part has already been partially paid for in advance (invoicing via OPH). This advance payment will be forfeited!
LTSA can be easily adapted to new technologies with, for example, longer service life.	Poor adaptability (billing per operating hour).
No exclusivity.	Strict exclusivity, even for parts where better prices/technologies are available on the market.

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About us

The global collaboration of our team enables us to bring our holistic solution portfolio to life for the benefit of our customers and partners. With our customized service offerings, our customers benefit from higher availability, performance, and efficiency.

Driven by efficiency