

REDESIGN AND UPGRADES



Atlas Copco Gas and Process Redesign and Upgrade Services match your turbomachinery to the newest process requirements.

Atlas Copco



REDESIGN AND UPGRADE SERVICES

Atlas Copco Gas and Process supports customers with Redesign and Upgrade Services, adapting existing machinery to new requirements.

Process requirements and technical parameters change over time. To boost the productivity of existing applications and to adapt new technologies and applications into your plant, our global team of Aftermarket specialists is ready to help with your redesign needs. We are the first choice if your process requirements have changed, if you require higher production levels, greater efficiency, or increased operational reliability.

Our services start with a machine evaluation that outlines expected performance at future or current off-design conditions, along with recommendations on how your machinery could be best upgraded.

For over 40 years, our specialists have provided top quality engineering, manufacturing, and customer service supported by our globally backed manufacturer warranty.

Atlas Copco is here to support your process, from aerodynamic redesign and higher energy savings through improved efficiency to upgrading your turbomachinery to meeting new operational parameters or changes in your processes.



Reasons for Upgrading:

- Meet new process parameters or plant modifications
- Energy savings through increased efficiency or improved process integration
- Aerodynamic, thermodynamic, and mechanical evaluation and redesign
- Drivetrain or component replacement
- Increased availability and operational, for example by replacing components for which spare parts are no longer available.
- Process automation
- Replacement and installation of measurement and control equipment

Typical Upgrade Components:

- Impellers and rotors
- Internal housing components, e.g., intake, suction, or diffusers
- Seals, oil and gas seal supply
- Radial, combined radial-axial, or magnetic bearings
- Control system upgrade
- Drivetrain components: couplers, gearboxes, and motor/engine
- Plant components such as suction filters, separators, and coolers
- Emissions and noise reduction systems
- Emergency power supply

REDESIGN AND UPGRADE BENEFITS

- Improved productivity and energy efficiency through the newest technologies and fine tuning to process requirements
- Increased reliability, availability, and upgrades to meet modern industry standards
- Atlas Copco specialists with 40 years' experience know the products best
- Performance evaluation with expert recommendations
- Minimal downtime through close project coordination
- All upgrades are performed to the latest quality assurance norms and meet ISO 9001
- Full coordination with project suppliers and subcontractors



"All of our redesign and upgrade services are carried out with the highest quality materials and employ the most up-to-date manufacturing processes."

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Find your local aftermarket contact at: www.atlascopco-gap.com/service-center