



MAN PrimeServ
turbomachinery



Improved profitability

MAN PrimeServ

Process review for adaptation
of your turbomachinery to changed
operation conditions



Process review

Your machine has been perfectly adapted to fit your application and process parameters. But requirements can change over time. At MAN PrimeServ, we analyze your plant and improve its efficiency to achieve a sustainable process and increased cost-effectiveness.

Turbomachinery trains are central elements in a variety of industrial production processes. The range of applications extends from compressing process gases and providing steam at different points in the process with defined parameters through to recovering energy from the process, generating power and feeding energy into district heating networks – often in complicated interactions.

A significant part of the operating costs for these plants arises from the energy demand for steam generation. In order to keep these costs low and ensure the most efficient operation possible, the machines have been perfectly adapted to fit your application and specific process parameters. However, the requirements may change over a plant's lifetime due to changing framework conditions, e.g. the market environment, energy prices, production processes, environmental matters or business objectives. It can therefore make sense to determine the cost-effectiveness anew and optimize the plant for the actual operating conditions.

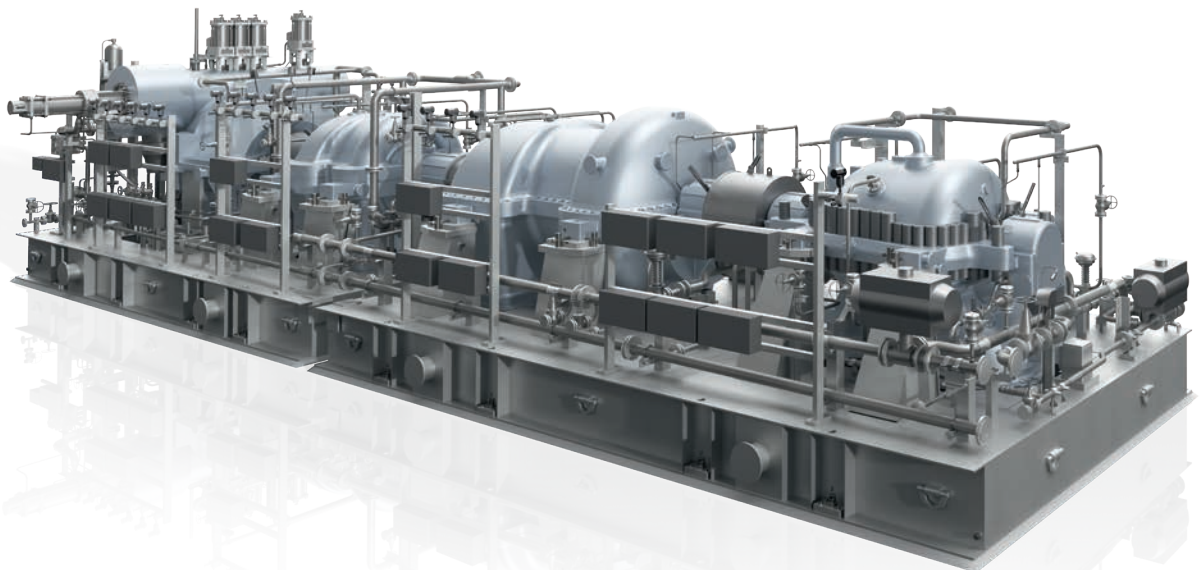
Process optimization

Even small modifications can often improve your plant to achieve a sustainable process and increase economic efficiency. We support you during the cost-effectiveness analysis, the development and the evaluation of optimization measures with a team of consulting, technical and thermodynamics engineers.

Working together with you, we analyze the existing plant configuration, your process and all relevant interfaces in a holistic process and carry out feasibility studies to determine and implement the best options for achieving your requirements and company objectives. In doing so, we always focus on a fast return on investment for the most efficient and optimized commercial use.

Benefits

- Optimum adaptation to changing operating conditions
- Improved cost-effectiveness
- Holistic approach
- Short payback period



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