



Contract balancing and balancing service

From microturbines to large gears

Individual and unique

All balancing machines, the hardware and the software of the measuring systems in our contract balancing centre were developed by ourselves. Therefore we can respond very flexibly to your individual requirements. We balance for you batch sizes from a single piece for research and development to series production and balance everything from microturbines to large gears. Our CAROBA® balancing system is unbeaten in many comparisons. Use our competence to your advantage - you will receive unique and tested balancing quality including balancing protocols for all your parts.



Your comfortable and inexpensive introduction

If you require an „all-round carefree package“ for your series balancing or if you want to keep your investments as low as possible for a temporary order, our balancing service is exactly the right solution for you. If the expected balancing volume in your company is too small to operate your own balancing system economically, our balancing service is the better alternative.



Our running-in Service

We take over the balancing of your components on one of our test benches. As soon as you wish, we will create an optimized test stand that is specially adapted to your workflows and your product. This is then perfectly run in by the contract balancing of your parts and is handed over to you after an agreed period of time. With our training of your employees you take over this balancing system and can produce with maximum efficiency immediately.



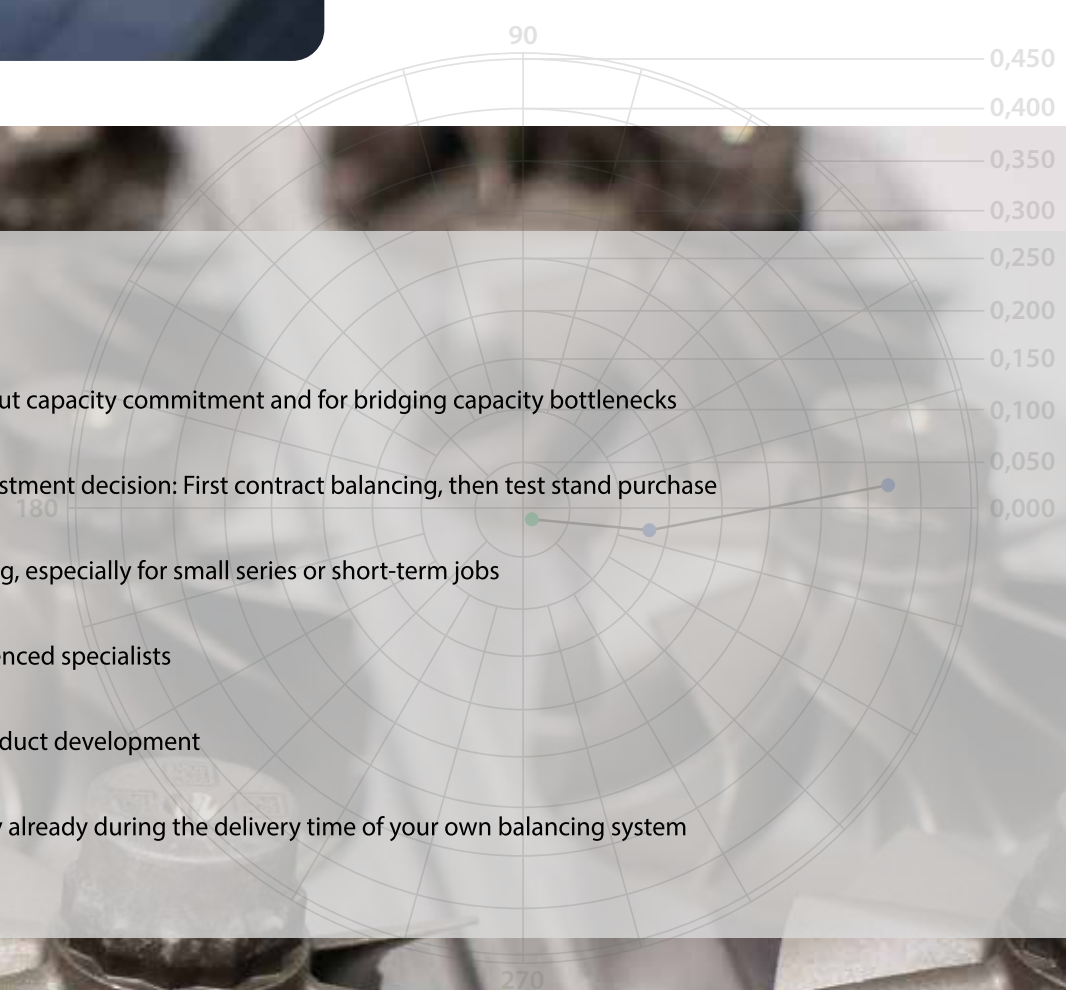


Balancing with laser removal

With the laser as a tool, mass correction is just as accurate as unbalance measurement with resolutions in the microgram range. The material removal is unrestricted in the geometries and can take place as different planar forms, e.g. as rectangle, circle, circle segment, ellipse etc. This force-free removal is particularly advantageous for very small and sensitive parts of the highest accuracy. Moreover, no material chips are produced that could damage bearings or assemblies - the laser dust is extracted and filtered. Especially interesting: This balancing process can be automated very well and is process-capable.

Your advantages

- Perfect results without capacity commitment and for bridging capacity bottlenecks
- Support of your investment decision: First contract balancing, then test stand purchase
- Economical balancing, especially for small series or short-term jobs
- Balancing by experienced specialists
- Support for your product development
- Production reliability already during the delivery time of your own balancing system





The Art of Balancing

The company PMB-Präzisionsmaschinenbau Bobertag GmbH was founded in 2008. Since then we have achieved a technological leadership in the field of ultra-precision balancing with our own measuring technology, software and complete balancing systems. From development and production to consulting, PMB stands for the highest quality in balancing technology. We work hand in hand with you. We are aware that we contribute an important part to the quality of your products. We support you in all aspects of your tasks and support you in planning and implementation with our know-how and our experience, which we have acquired in a wide field of applications. We are particularly proud of our balancing service - because our partners entrust us with their most important items: Their products!

We are certified according to DIN EN ISO 9001:2015

Services and solutions

- Balancing machines
- Balancing systems
- Balancing and analysing software
- Balancing service
- Operator training
- After Sales Service
- Research and development
- Consulting



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