

WFL Millturn Technologies GmbH & Co. KG

WFL RETROFIT SOLUTIONS

Abstract

In the era of fast-paced development and progress, quality and innovative solutions stand the test of time. WFL's second-hand machines are proof of this – even after several years of use, they demonstrate a very high level of competitiveness. Like with the new machines, WFL offers unique options with regard to quality and customer care. Digitalisation is therefore a key-enabling technology.



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Introduction

A MILLTURN of WFL is always a product with highest quality standards. Concerning the second-hand machines, WFL ensures that the machines are in top condition before delivery to the customer. As with the new machines, WFL offers an overall concept with advice, technology support, commissioning, training, etc. as required. A premium PRE-OWNED WFL MILLTURN therefore represents an interesting alternative, if additional capacity is needed at short notice or the budget for a new MILLTURN is not enough.



Challenges

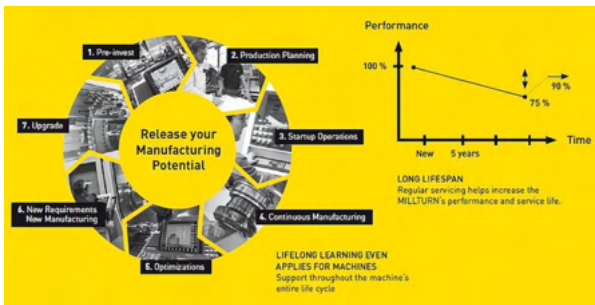
Decades of dedicated use lead to machine and equipment wear and therefore to loss of relative performance. To limit this loss, WFL offers regular upgrades and services. Thanks to regular servicing of the MILLTURN, customers benefit from a significant increase in performance and service life.

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Retrofitted machines can be optimized relatively easily and adapted to the requirements of digitization. New drives and a new control system combined with innovative sensor technology thus extend the service life of the machine considerably.

How will solve the problem?

With the WFL complete offer, the highly qualified technicians ensure that the best possible results are always achieved with MILLTURN and that one remains up-to-date in all technical and software-based areas. A major advantage of a machine overhaul is the cost factor: it is about 40-70% less investment compared to a new machine. WFL is also very flexible when it comes to commercial offers: the machine can also be leased.



The process of a retro-fit project is precisely defined at WFL. In case of a machine sale, the WFL project team will contact the customer and make first clarifications. The machine assessment is carried out by highly qualified WFL personnel. The machine is put through its paces so that the amount of work involved can be estimated. After submitting an offer, negotiations and drafting a contract, the date for dismantling the machine is fixed. If the customer has still been producing with the machine in the meantime, the machine is checked again immediately before dismantling. Further steps such as internal transport, packaging and transport to WFL are carried out by the company's own personnel.

The machine overhaul also includes assembly, repair, paint preparation, various upgrades, commissioning, geometry check, machine check, endurance test, laser measurement and processing of a VDI workpiece for machine acceptance. The MILLTURN is only offered for sale to interested parties after approval by WFL technicians. After successful testing the machines receive the certificate "CERTIFIED PRE-OWNED". Thus the machines can even be sold with guarantee.

The use of modern components and features, such as new lighting (Ergonomic Light Concept), an extended tool magazine or the integration of automation, also contribute to more sustainability and efficiency. Manufacturers are also showing great interest here. In appropriate cases, the electrical components of the machine can also be replaced. This topic is to be increasingly promoted at WFL in the future. In a pilot project, for example, the complete control system of a machine built in 1998 will be replaced. This should increase the longevity of the machines. The motors will be replaced as well as mechanical adaptations such as the sliding door positioning by means of a toothed rack or an improved positioning of the tool changer (toothed rack instead of toothed belt). Compared to the previous one, the new control system has a larger screen with 24-inch (previously: 15-inch) and 1 GB NC memory (previously: 12MB NC memory). Advantages of a rebuild of the control are mainly the availability of the programming editor MillturnPRO and the intelligent process monitoring iControl. Teleservice can also be carried out more comfortably on the new control.

All in all digitalisation on TOP!

About WFL Millturn Technologies

WFL Millturn Technologies GmbH & Co. KG is the leading supplier in the field of complete machining.

WFL is the only manufacturer worldwide that concentrates exclusively on the production of multifunctional complete machining centres. In many high tech companies today, the trade name MILLTURN stands for the central machine tool for the production of complex components with the highest precision. The modular design of the MILLTURN centres and individual special solutions guarantee perfect adaptation to the relevant manufacturing task.

With a MILLTURN, customers are not only purchasing a CNC machine that meets the very highest demands for quality and precision, they are also gaining an unbeatable competitive advantage. 30 years' experience in complete machining and thousands of solutions guarantee that WFL customers will get the most efficient and reliable machinery.

References

- Reference 1 www.wfl.at/en