

Perfection in CNC-Automation.

The CLAMPBOOSTER is the automation solution in CNC-production. It adds a crucial component to your robot - a drive system for the vise.

CLAMPBOOSTER



CLAMPBOOSTER

CLAMPBOOSTER

Cylinder Status 10

YOUR LEADER IN CNC-AUTOMATION

The CLAMPBOOSTER. Perfection in CNC-Automation.

The CLAMPBOOSTER is the automation solution in CNC-production. It adds a crucial component to your robot - a drive system for the vise.

The CLAMPBOOSTER is the flexible solution for loading CNC-machines without the need for expensive machine conversions!

Thanks to the unique programming of this drive element, the robot now not only independently grasps the material and supplies it to the machining center, but can also, with the addition of the CLAMPBOOSTER, tighten the workpiece in the vise for machining and loosen it again.

The function of automatically tightening the workpiece in a manual vise is currently unique in the national and international market. The CLAMPBOOSTER is patent pending.

Existing machinery?

Can your machine be retrofitted from a manual vise to an automatic one?

YES

Your machine can be retrofitted from a manual vise to an automatically driven one?

You can install a supply line and control unit? In terms of the high investment involved, is retrofitting your machine still the most efficient choice? Especially since this would mean changing your existing vise system?

By choosing CLAMPBOOSTER, you avoid interfering with your established production process. You continue to work with your proven manual vise system and benefit from the automated clamping of the workpiece.

NO

Your machine cannot be retrofitted from a manual vise to an automatically driven one?

There's no way to implement a supply line and control for an automatic vise?

The CLAMPBOOSTER is the solution!

Your CNC-machine remains in use, unchanged, and you continue to work with your manual vise system. With its unique ability to automatically clamp and release the workpiece by opening and closing the manual vise, the CLAMPBOOSTER mechanizes the remaining manual tasks in your fully automated CNC-production.

You're planning a new machining center?

Will you still be able to use your existing manual vises in the new machining center?

Or are you also investing in various new automatic vises?

YES

Can an automatically driven vise be installed in your new machining center?

If you don't want to be tied to highly complex systems in the long term, but want to take advantage of a high degree of automation, then **the CLAMPBOOSTER is the solution!**

You don't have to change the clamping process of your workpiece and can continue to use your familiar vise systems and manufacturing processes, maintaining the working environment that you're used to. Your employee's experience isn't wasted and training on a new system is not necessary.

Your production is configured to be as flexible as possible and a costly new QA process is not required by your customers for the approval of the components.

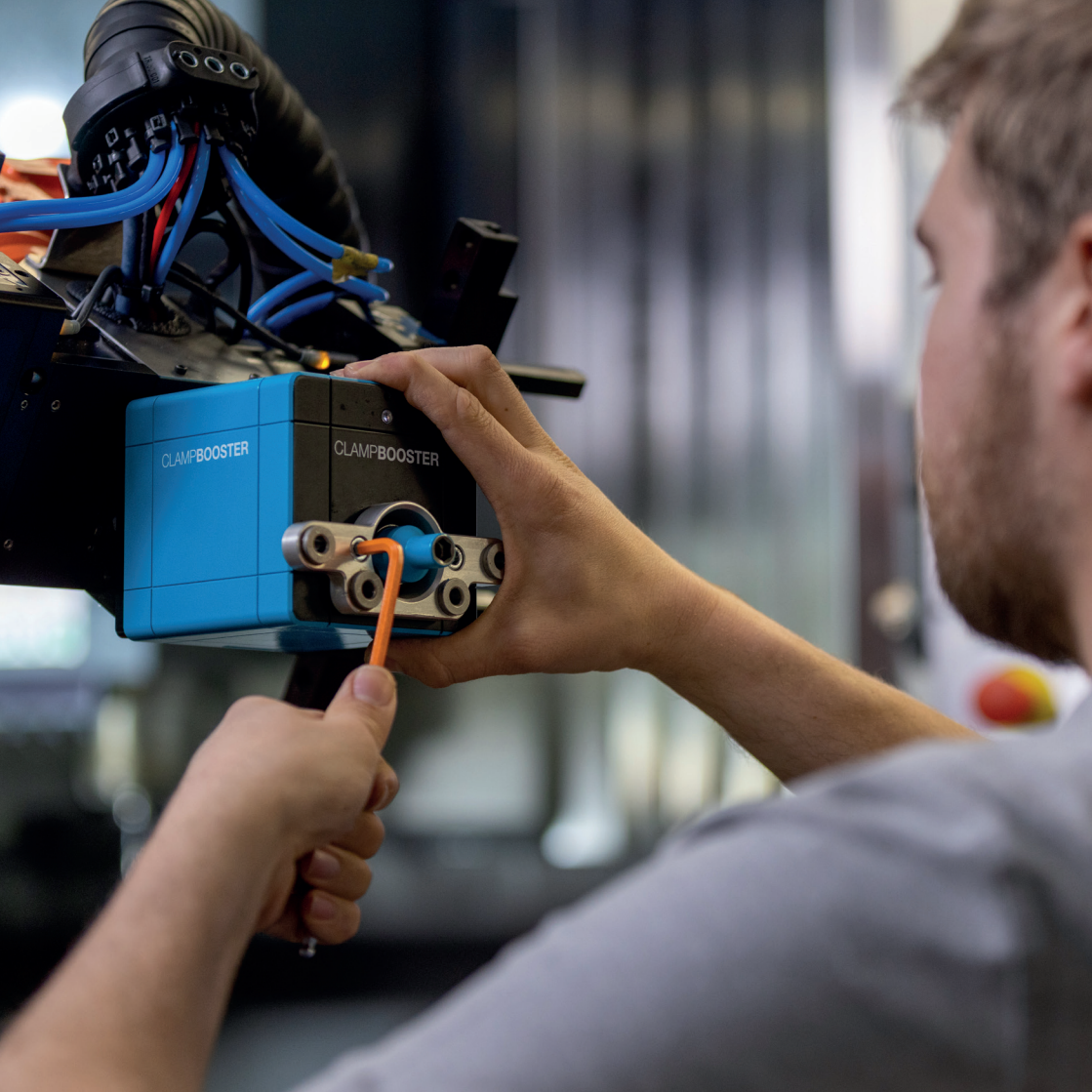
NO

You're planning to use your manual vises in the new machining center?

You're not going to convert your machines to automatically driven vises?

The CLAMPBOOSTER is the solution!

Without any additional training and without any changes to your regular clamping process, you can install the CLAMPBOOSTER in just a few minutes. Continue using your trusted vise systems, your familiar working environment, and your established manufacturing process! And since you aren't reprogramming existing production data for new vises, you don't need to implement any new quality assurance processes either.



CLAMPBOOSTER

CLAMPBOOSTER

CNC-AUTOMATION AT ITS BEST

CNC-production in a new dimension.

The CLAMPBOOSTER automates your CNC-production. Take the power of your robot to a new level. Maximum efficiency and production reliability in quality and quantity thanks to highly standardized and now fully automated CNC-clamping technology.

The CLAMPBOOSTER is attached directly to the robot arm. Once the robot has placed the workpiece in the vise, the CLAMPBOOSTER comes into operation: it is guided by the robot arm directly to the vise and tightens it according to the torque that you specified. After processing, the CLAMPBOOSTER opens the vise. Finally, the robot unloads the workpiece and the production process can start again.

TIGHTEN YOUR BUSINESS FUTURE

Innovation for CNC-robots.

Our standard for automated CNC-clamping technology: Automatically moving you forward. With the CLAMPBOOSTER. Patent pending.

Expand the possibilities of every CNC-automation exponentially

The CLAMPBOOSTER expands the possibilities of every CNC-robot automation. Direct installation with newly planned machining centers and uncomplicated expansion or retrofitting of existing machinery. No machine-side pre-installation is necessary.

Avoids additional investment in existing CNC-machines

The CLAMPBOOSTER avoids additional investment in the equipment of existing CNC-machines. No costly retrofitting of the machines is necessary.

Alternative to complicated and costly automation

The CLAMPBOOSTER is the alternative to complicated and costly automation of CNC-machines and their vises. No conversion to an automatic vise system is required.

TIGHTEN YOUR BUSINESS GOALS

Greater efficiency in CNC-production

Your robot can do more than load and unload. The CLAMPBOOSTER increases the efficiency of your CNC-production. Proven in practice.

Promises easy integration into the workflow

The CLAMPBOOSTER promises easy integration into the workflow through simple programming in the software-based operating method of the robot. Thanks to a self-explanatory input screen, no programming knowledge and robot know-how are required.

Can be used in all CNC-production cycles

The CLAMPBOOSTER can be used universally in all CNC-production cycles. And thanks to interchangeable adapters, it is compatible with many vise systems.

Guarantees secure clamping

The CLAMPBOOSTER guarantees secure clamping of the workpiece in the clamping system, with adjustable tightening torque and high repeat accuracy in the production cycle. With unique functionality and impressive precision.



CLAMPBOOSTER

CLAMPBOOSTER

Cooling Status

10

CLAMPBOOSTER

Get to know CLAMPBOOSTER for yourself.

Write or call us. Experience the CLAMPBOOSTER live and come by for an on-site inspection. Make an appointment! Our team will be happy to answer all your questions about the CLAMPBOOSTER and looks forward to your feedback.

Start a conversation today!



Patrick Kauk

idee-werk GmbH
Hörigenbach 36
85229 Markt Indersdorf

phone +49 (0) 8136 806567-38

mobile +49 (0)151 54864340

e-mail patrick.kauk@CLAMPBOOSTER.de

web www.CLAMPBOOSTER.de

Here you can find:

Technical Details.



