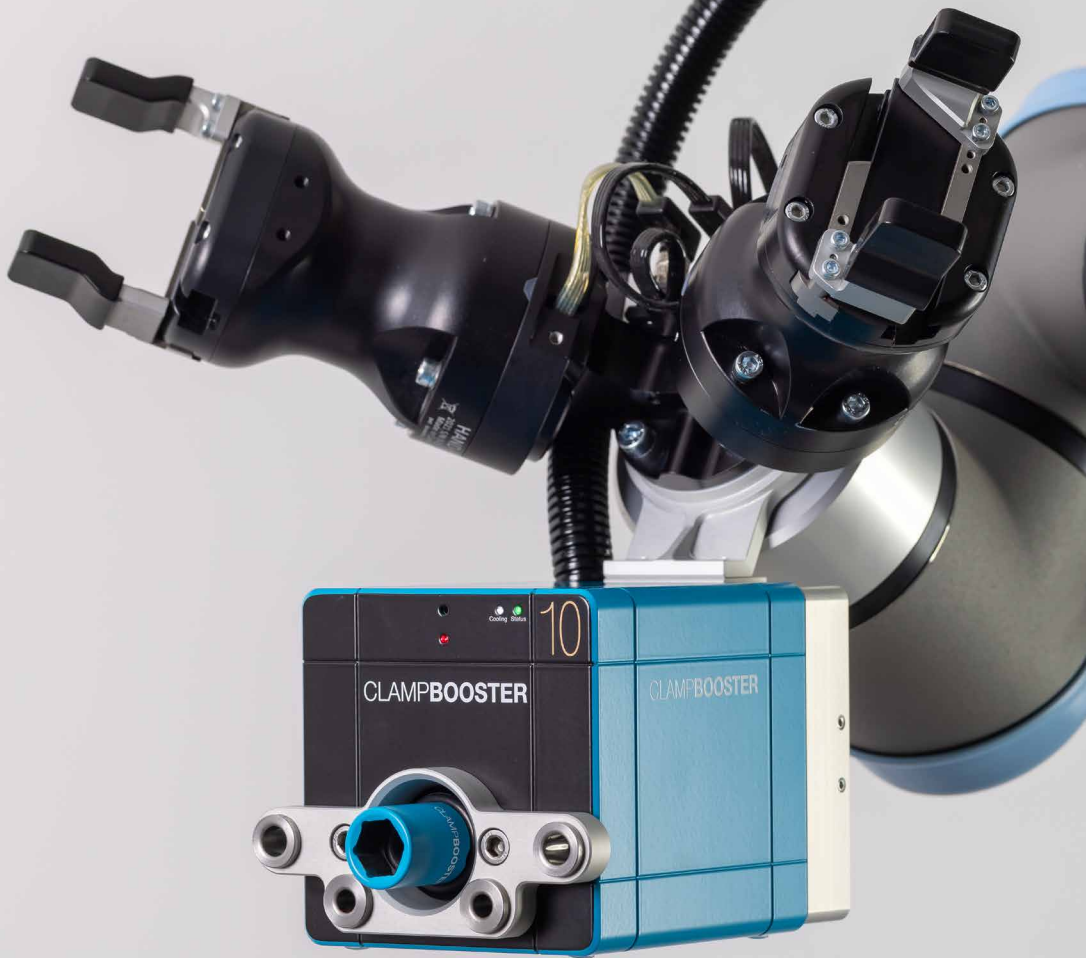


**Find perfection in  
CNC automation.**

**We'll show you how.**

**CLAMPBOOSTER**



A product by idee-werk. Made in Bavaria, Germany.

# E

## ND-OF-ARM TOOLING AT ITS BEST



### **This is the game changer for the automation of CNC machines.**

**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 unique in the national and international market. The CLAMPBOOSTER is protected by patent.

**O**

**n your way to  
CNC automation?**

**Hold on to verify  
who will clamp  
your manual vises.**

**By the way...  
your robot won't.**





**Y**

**ou're working with an existing machine?**

**Manual vises or clamping systems?**

**A machine without connections for pneumatic or hydraulic lines?**

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

## YES,

You can install and control? 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,

There's no way to implement a supply 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.**

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

## YES,

You're planning **to use your manual vises in the new machining center?** You're not going to convert 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 so easily. **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.

## NO,

An automatically driven vise can be installed in your new machining center? **Why make this additional investment and long-term commitment to highly complex systems?**

By choosing the CLAMPBOOSTER 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.



**Y**

**ou're planning a new machining center?**

**Ideally using existing manual vises?**

**Or do you need additional investment in new automatic vises?**

# C

## NC AUTOMATION AT ITS BEST



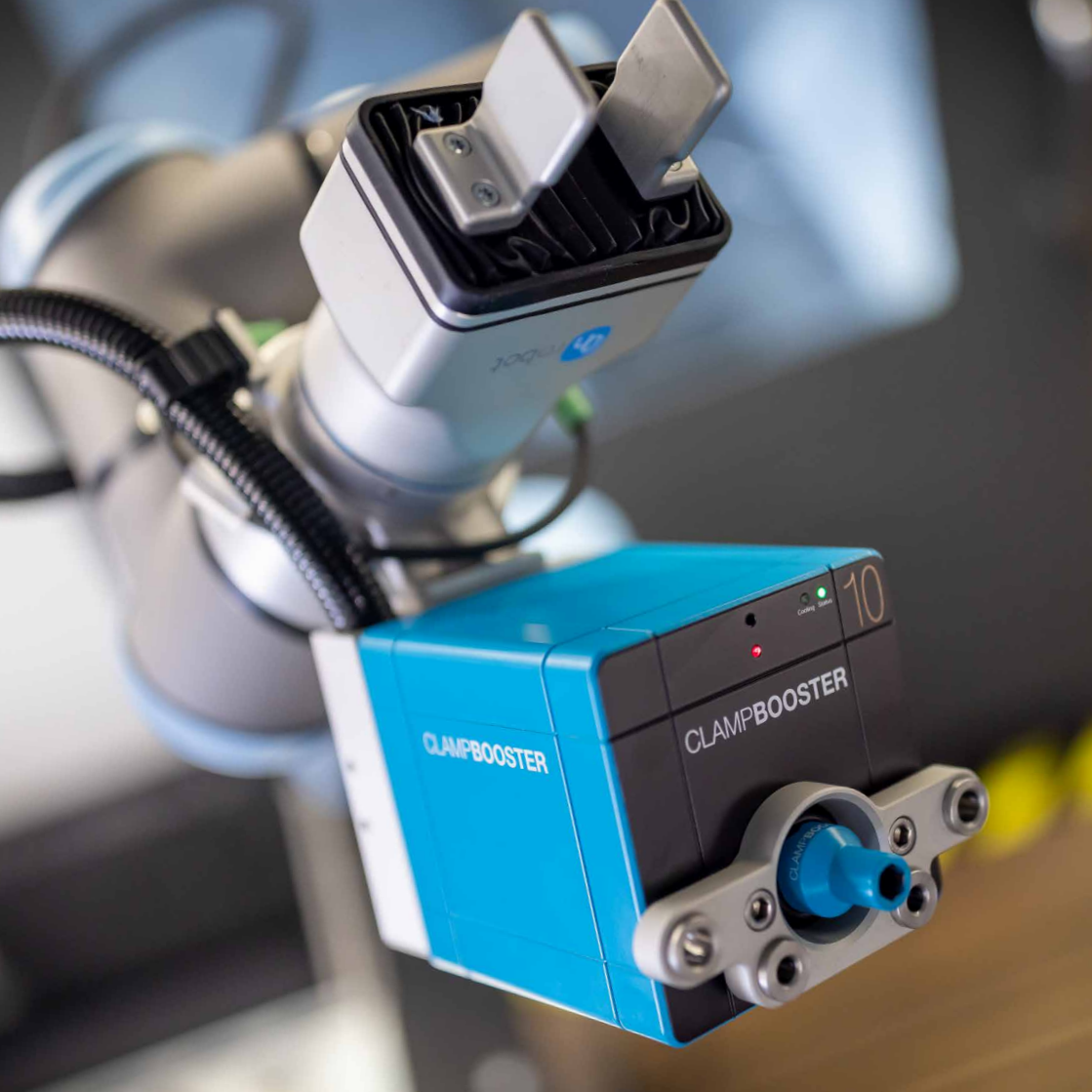
### **CNC production in a new dimension.**

**1.95 kg? 10 x 10 cm? Yes, it's the small details that define great CNC automation. And the CLAMPBOOSTER is the simple way to achieve 100% automation of 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 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.



CLAMPBOOSTER

CLAMPBOOSTER

10

Control Panel

Red indicator light

Green indicator light

CLAMPBOOSTER



# T

## TIGHTEN YOUR BUSINESS FUTURE



### **Innovation for CNC robots.**

**Our standard for automated CNC clamping technology: Automatically moving you forward. With the CLAMPBOOSTER. Protected by patent.**

#### **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.

# T

## 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.



[www.clampbooster.de](http://www.clampbooster.de)

