

Better learning with **augmented reality**





Augmented reality creates an additional digital layer that has a tangible added value compared to purely analogue or purely digital content. Other media cannot create a comparable learning space in this form.

Augmented reality makes your teaching:

- open
- mobile
- independent
- interactive
- cooperative
- authentic

Modern learning content increases the motivation and readiness to learn in your technical classes.

Augmented reality in this brochure



The augmented reality content at this point gives an idea of the possibilities offered by augmented reality experiences. We would be happy to show you the full scope of our augmented reality projects as part of a product presentation directly on site, as an online event or at our GUNT Technical Academy.

Here's how to use the augmented reality experiences in this brochure:

All you need is your smartphone. You don't need to install any other app to gain a first impression. Just scan the QR code and dive right in...

Augmented reality (Vuforia)

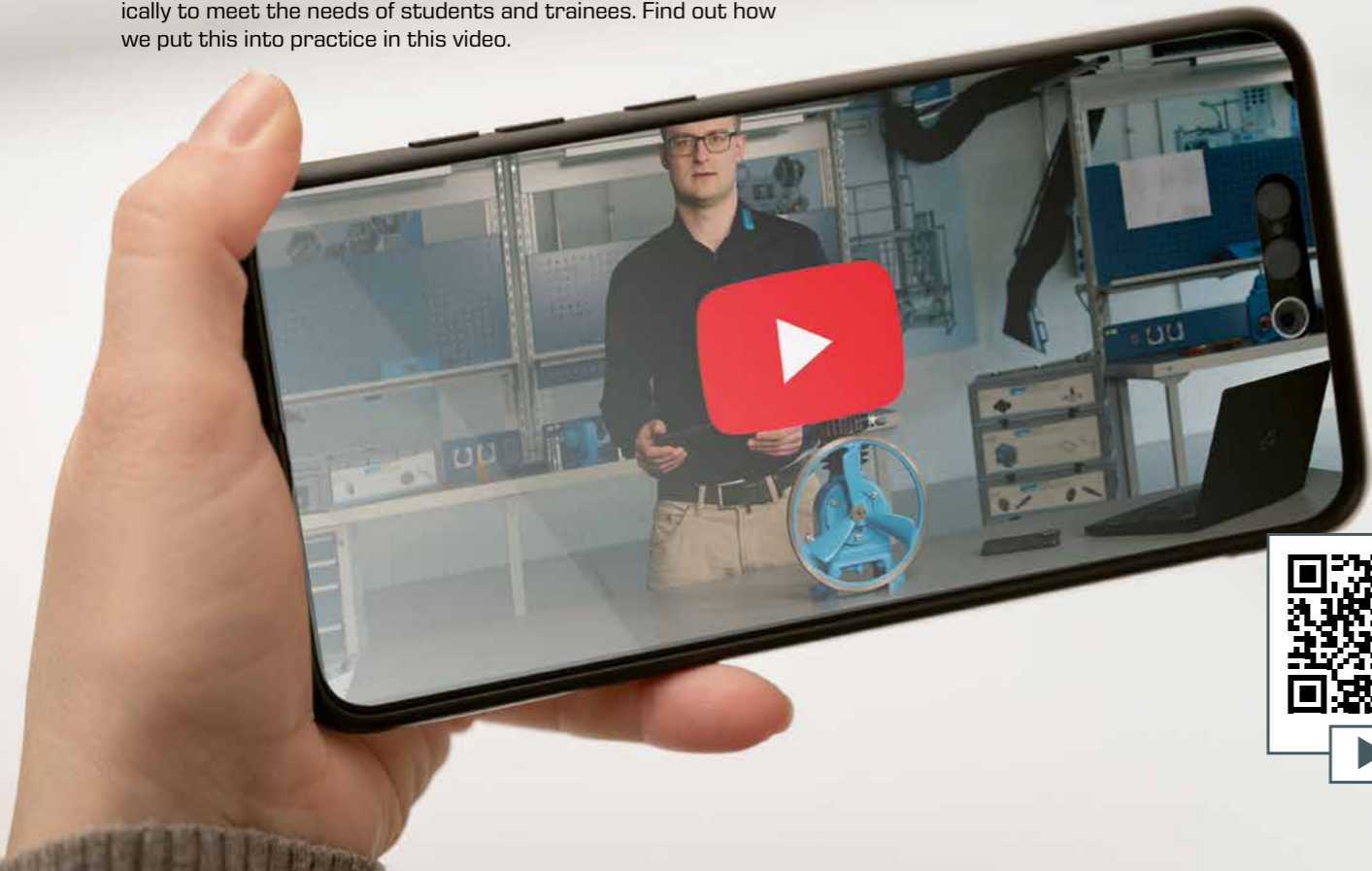


To ensure our augmented reality interface is displayed optimally with convincing experiences for technical education, we use the Vuforia industrial application.

This software connects the physical and digital worlds and uses augmented reality to leverage comprehensive 3D data and insights from the IoT (Internet of Things).



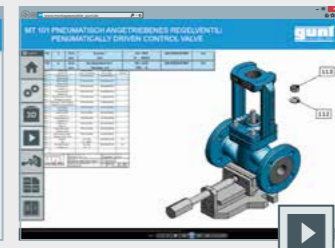
Augmented reality for GUNT devices has been designed specifically to meet the needs of students and trainees. Find out how we put this into practice in this video.



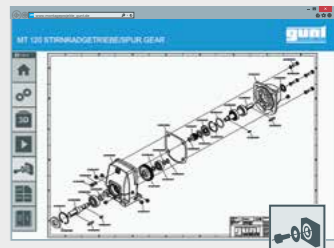
MEDIA center



3D drawings of all component groups



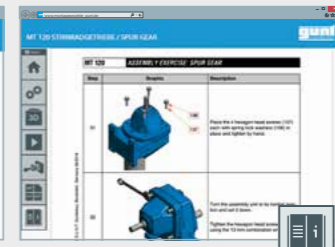
Assembly and disassembly videos



Exploded views



Engineering drawings and lists of parts



Manuals



Augmented reality



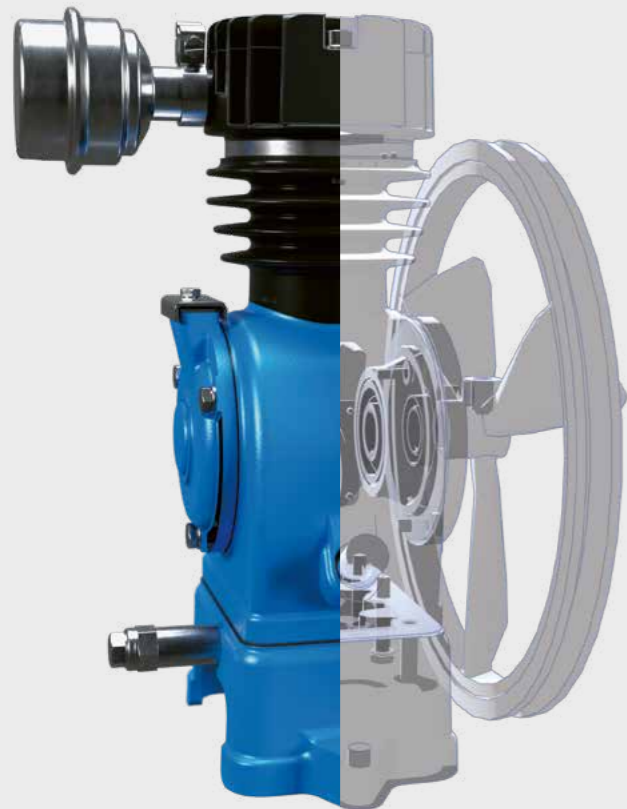
Augmented reality as an extension of our Media Center

As a web platform, the **GUNT Media Center** contains digital content that is delivered via the Internet for tablet, PC or smartphone. Customers can access files and product information for selected products at any time and from any place.

The data includes **CAD files, engineering drawings, videos** and **e-learning courses**. **Augmented reality** is the latest **free-of-charge extension** for the GUNT Media Center.



Piston compressor MT141



The piston compressor is part of our series: next generation assembly exercises.

The product offers you not only a first-class assembly exercise, but also access to the GUNT Media Center with all digital content.

Get a first impression. Simply scan the QR code with your smartphone and experience augmented reality at GUNT.

About the product



Fading out the housing



Assembly instructions



Information on components



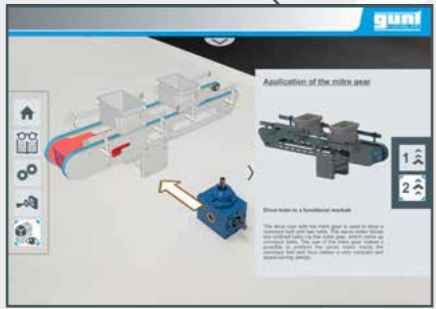
Functionality with animation



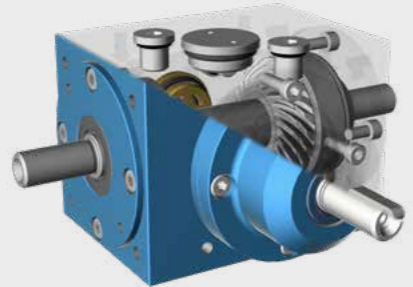
Assembly/disassembly videos



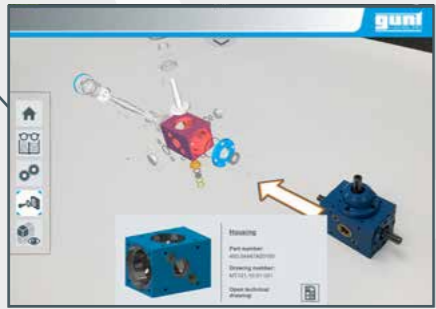
Application examples



Principles of operation



Exploded views

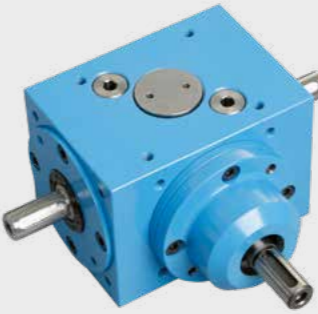


Categories of components



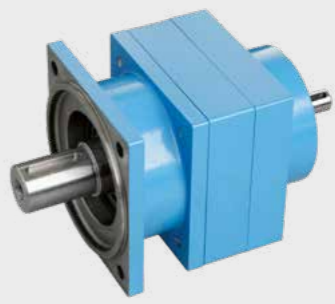
MT120
Spur gear

About the product



MT121
Mitre gear

About the product



MT122
Planetary gear

About the product



MT123
Spur and worm gear

About the product



Various gears

GUNT assembly exercises combine traditional learning content with digital content and methods. They include industrial-level hardware and a digital data package.

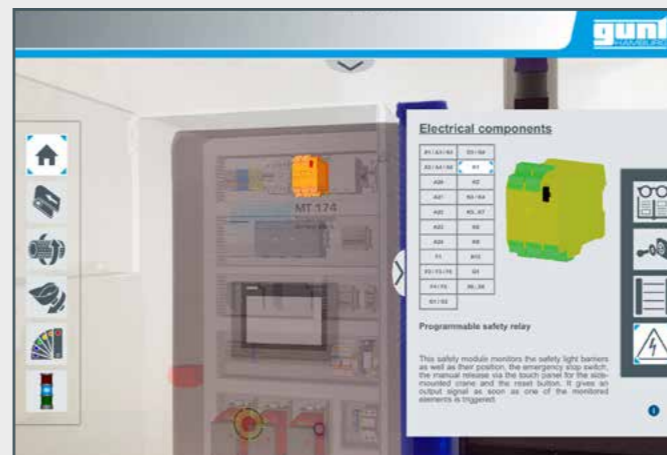
Proven assembly exercises paired with interactive data result in a completely new learning concept and create access to **Industry 4.0 understanding**. Using the new augmented reality content, students can now dive even deeper into the subject matter and achieve new levels of learning.



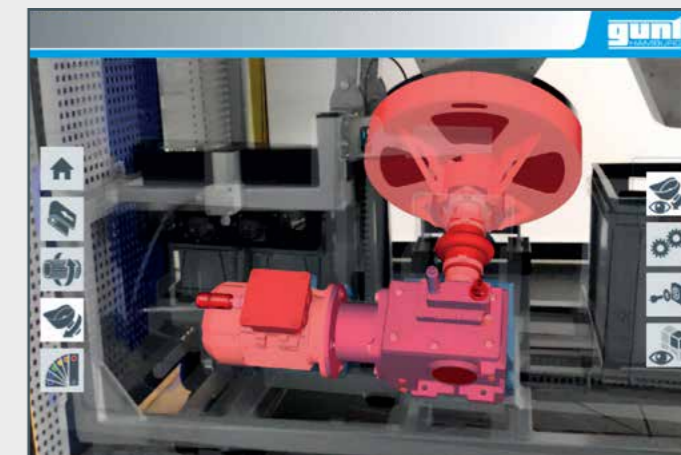
Sorting plant MT174



About the product



Complete view into control cabinet



Maintenance work digitally supported with augmented reality

Maintenance exercises

Preventive maintenance is an indispensable part of Industry 4.0 and helps to avoid unplanned production downtimes. The laboratory-scale sorting plant comprises a separation process that serves as an application example for various maintenance operations.

Extensive augmented reality content supports maintenance work by directly **seeing** the components and the structure. In this way it is possible to show mechanical processes, and complex electrical circuits can be viewed interactively with the help of augmented reality.



Seminars: **Augmented reality in technical education.** Make your choice!

With you on site

Are you pressed for time but still want to learn about the latest trends in technical education?

We will be happy to come to you and present our devices and the augmented reality interface.

Give us a couple of hours and we'll show you how to create exciting and modern lessons.

We will also be happy to give a demonstration together with you and your pupils/students in a classroom unit.

To register, use the QR code or write to us at: sales@gunt.de



Or visit us at the GTA

A full day filled with practical exercises on the topic of augmented reality experiences in technical education.

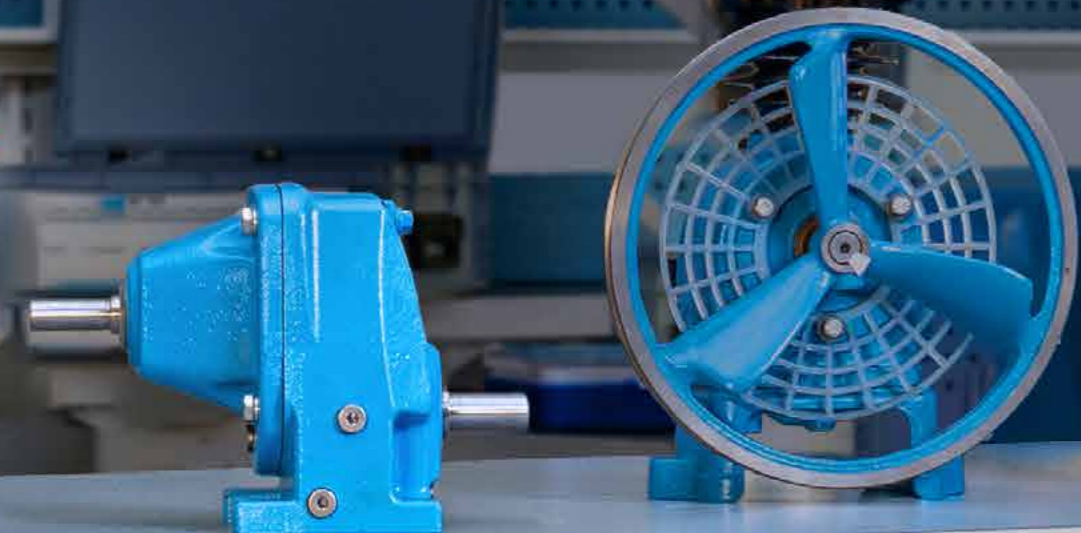
We'll show you how you can use GUNT systems in conjunction with augmented reality experiences to create lessons of the future. Our seminars are intended for anyone who wants to make their technical teaching open and forward-looking. Even if you already own one of the systems presented in the brochure, you are still welcome to attend.

For further information and how to register:





Enhance your technical lessons with augmented reality



www.gunt.de

Contact

G.U.N.T. Gerätebau GmbH
Hanskampring 15-17
22885 Barsbüttel
Germany

+49 40 67 08 54 - 0
sales@gunt.de



Visit our website
www.gunt.de