

# THE GUNT LEARNING CONCEPTS FOR ASSEMBLY PROJECTS – HOW SPECIALISTS LEARN

## How is the concept structured?

### THE ASSEMBLY EXERCISES ARE DERIVED FROM FOUR MAIN AREAS

- Drive elements and gears**  
We are dealing with a narrower field of engineering in this section.
- Fittings**  
Then in the following chapter entitled 'MAINTENANCE', we offer more complex, interdisciplinary assembly and maintenance projects that incorporate electrical and electronic features as well as instrumentation and control engineering.
- Piping systems, pumps**  
In all areas you will find relatively simply structured exercises as an introduction, as well as more complex and demanding projects.
- Compressors**

## Didactic criteria

All exercises and projects are ideal for students working together in a team.

Here, a group can work on a project while at the same time pursuing different exercises in parallel, ultimately enabling them to bring together a range of findings.



All the training systems in this series offer an excellent basis for organising hands-on teaching. The sequence of a complete action – from information, through execution, to assessment – can always be carried out and explained.

**Start**  
with a defined problem

**End**  
with a measurable result for assessment

## Learning goals

To develop a broad knowledge of assembly techniques as a basis for maintenance	To retrieve and apply information from manufacturer's documentation
To become familiar with machine elements and standard parts	To plan assembly steps and sequences
To identify subassemblies, understand functions, and describe systems	To check and assess work results
Introduction to technical terminology and language	To become familiar with typical tools and jigs
To read and understand engineering drawings	To become familiar with characteristic features of maintenance and repair work



Inside the assembly shop at GUNT Gerätebau GmbH, where skilled tradesmen and engineers get to grips with tasks that are varied and demanding. So we know what we're talking about: apprentices and trainees should develop their skills and abilities with the help of GUNT teaching and training systems.