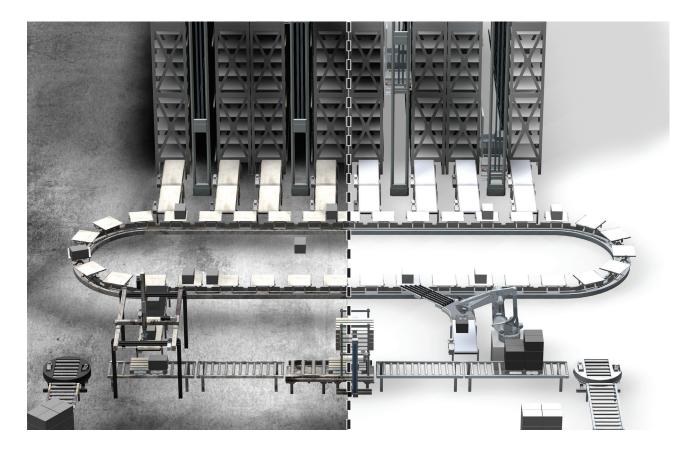
# Get your systems right up to date.



We ensure that your systems are working perfectly and highlight the intelligent optimisation options at your disposal. This can include reducing your energy costs, shortening your set-up times for production changeovers or securing improved power utilisation.

Are your systems ageing? Is the risk of unscheduled downtime growing? Are you finding it increasingly difficult to come by replacement parts? Modernisation offers a worthwhile alternative to purchasing new systems in many respects. We bring your system in line with the latest technology, and we help you to unlock efficiency potential by using the very latest developments in automation and drive technology.

# Highlights

- · Individualised consulting
- Automation and drive technology's optimised new design replaces products from other suppliers or old Lenze products
- Fewer variants due to the selection of new drive technology
- Taking on specific sections of a project, right through to complete project management
- Project planning and commissioning of systems all over the world.



# Modernisation

Service module optimisation

# We work together with you to find the best solution for modernising your system's tasks:

in all the different stages of the engineering process throughout the entire life cycle of your system,

- from devising the concept for an optimised machine
- to developing the solution
- · and right through to commissioning,
- as well as every step of the way in project management.

Life cycle of the machine/system	
1 Developing ideas 2 Drafting concepts 3 Implementing solutions	4 Manufacturing machines 5 Ensuring productivity
Increasing productivity	
Compliance with the latest standards over the entire life cycle	
Complete project management	
Developing new, innovative system concepts	
Optimising energy consumption	
Providing training for	machine operators
Hardware and software	e engineering
	Replacing old products
	Worldwide commissioning
	Minimising risks

# You have the option: Exchange components

- Make a straight swap: exchange your wear-prone components for the latest technology
- Develop stockpiling concepts to allow quick component exchange

## **Partial modernisation**

- Increase your system's energy efficiency rating
- Increase the availability and flexibility of your system by retrofitting sections of the machine

### **System engineering**

- Implement an optimised machine
- Completion of a turnkey system

# We offer you:

- In-depth knowledge about drive applications such as drive physics, safety engineering and energy efficiency
- Calculations with individually applicable process data and speed profiles
- The complete drive and automation structure for your system's requirements
- Immediately recognisable energy-saving potential
- Comparison of the concepts of different automation solutions in the categories of energy, costs and productivity
- Test, product and shift operation supported under production conditions
- Start-up support
- Modernisation measures carried out by qualified specialists in accordance with the latest norms and standards