

FESTO

Festo | Facts and Figures

FESTO



In our global production network and technical engineering centers, we develop and produce in the region for the region and are therefore close to our customers.

EUR 3.45 billion

Total sales 2024

300,000

Customers in over 35 sectors

> 30,000

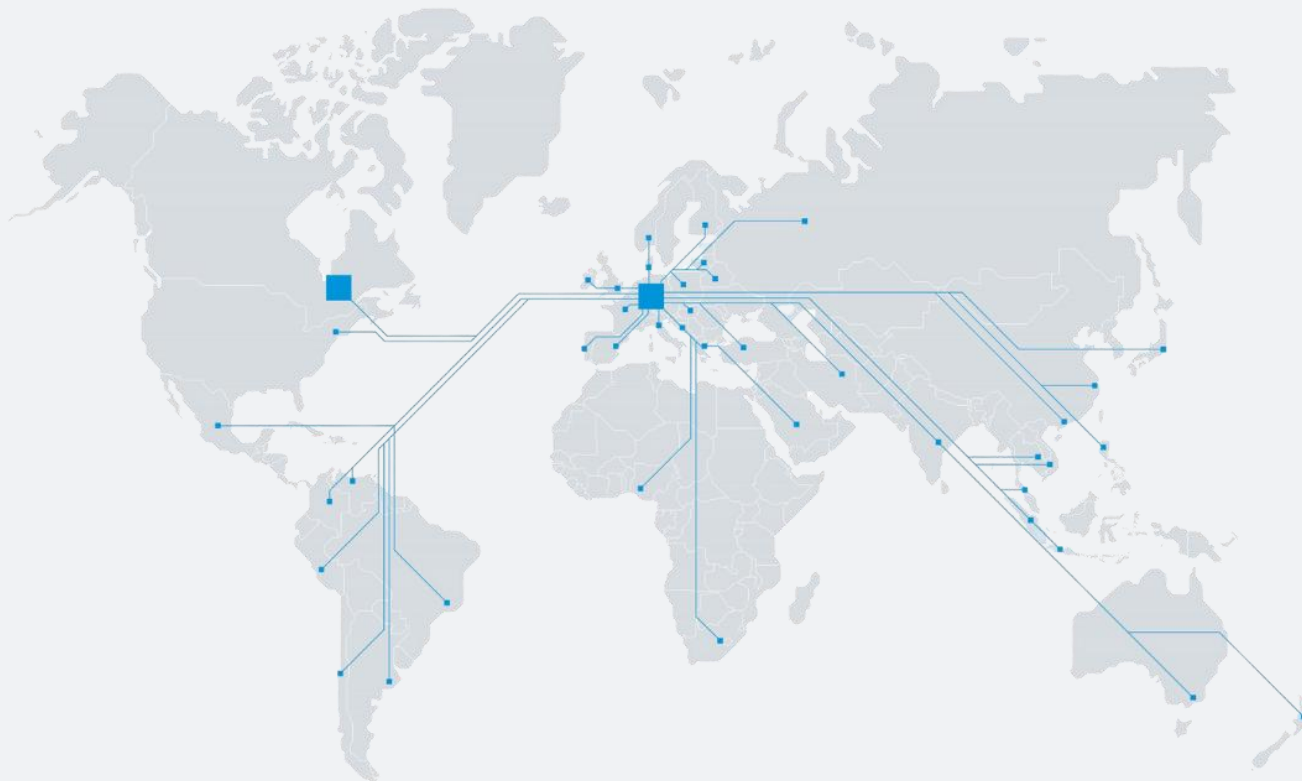
Products and system solutions

> 7 %

Research and development services

Festo Didactic | Facts and Figures

FESTO



157.2M EUR

Total sales 2024

> 56.000

Educational customers

> 800

Employees worldwide

> 250

Locations in around 60 countries

From the Beginnings to the Future.

FESTO



1925-1950

Founding period

In 1925, Albert Fezer and Gottlieb Stoll founded the company that would later be called Festo.



1950-1970

Pneumatics and internationalization

A global presence: Festo brings pneumatics to automation and goes international.



1965

Learning organization

Festo Didactic, the education company, was founded to qualify people in new technologies.



2014

Festo Didactic acquires LabVolt

Festo is growing. Festo Didactic merged with US-Canadian LabVolt Systems Inc. specialized in electrical technology.



2020-today

Into the future

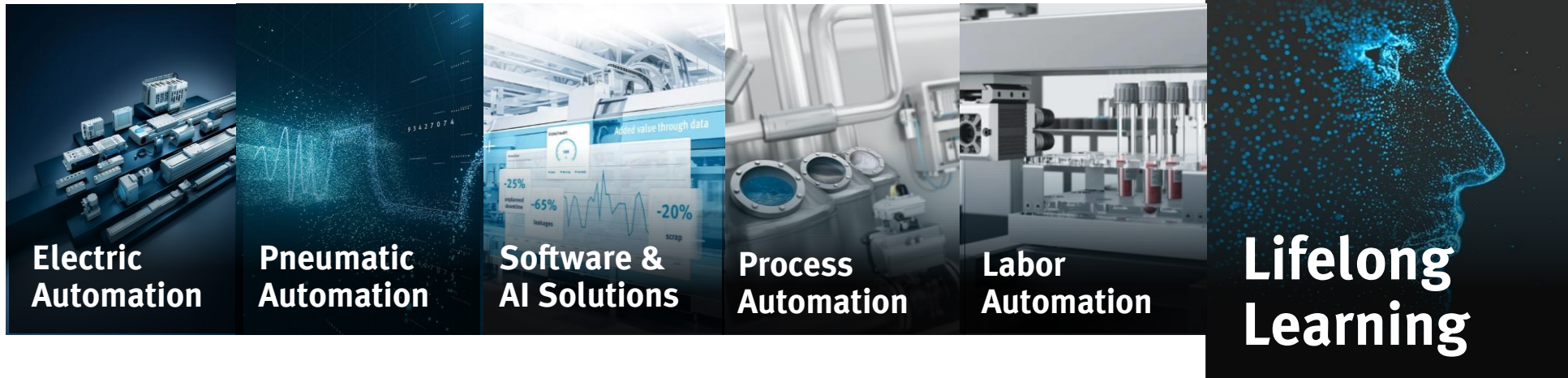
Festo Didactic is a leading provider of technical training and education in industrial automation and beyond.

All over the world, **education** is the basis for a future that is worth striving for. At **Festo Didactic**, it is our aim to empower today's and tomorrow's skilled workers with our learning concepts.

After all, it is people who use and drive technology forward.

From **Industry**, for **Industry**

As a part of the **Festo Group**, a leading supplier of Automation Technologies, our **direct access to industrial environments** and cutting-edge technologies **uniquely** positions us to develop education & learning solutions.

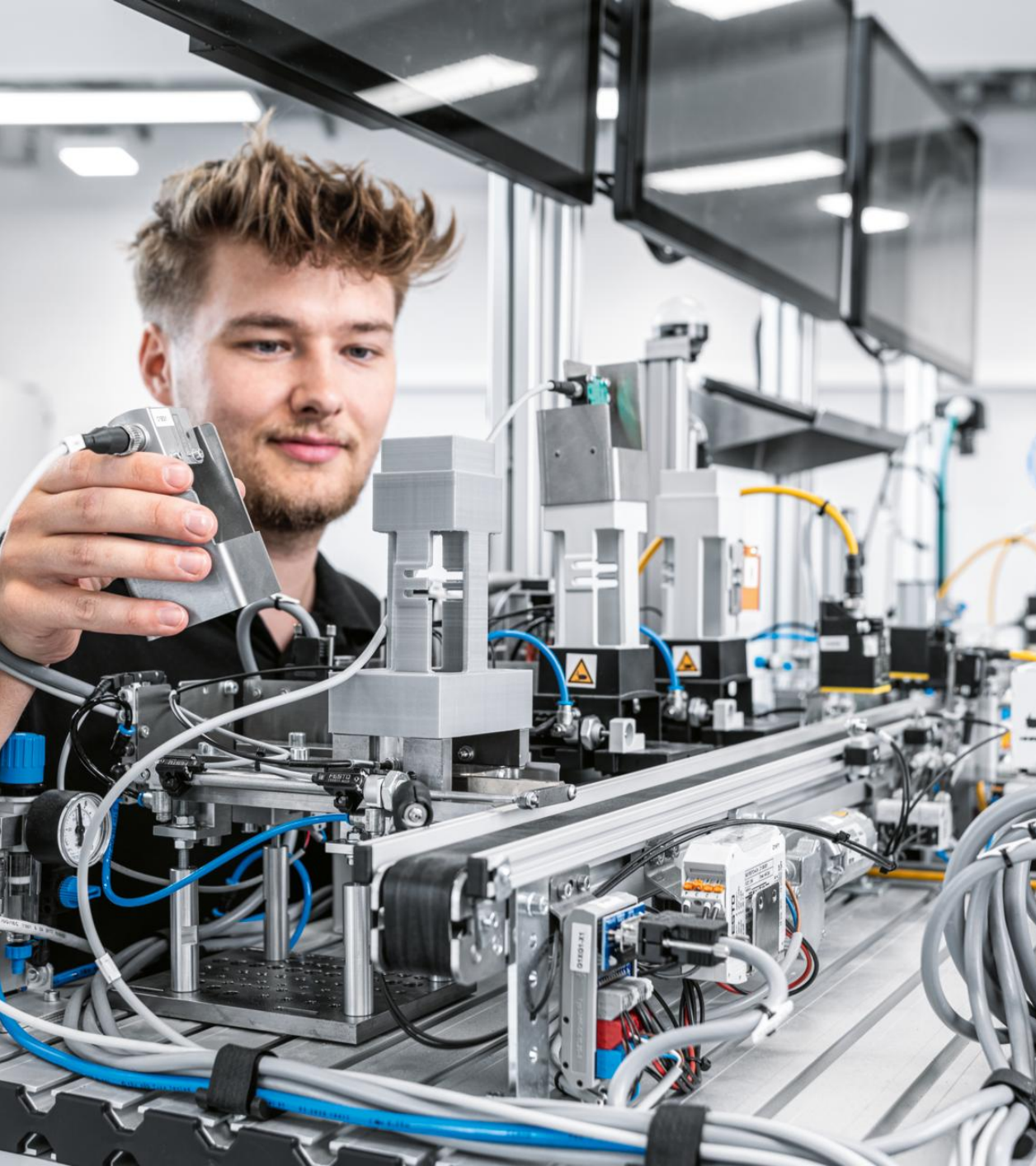


Education for a World in Motion.

We **empower people** to use state-of-the-art technologies and drive the development of new technologies. **Progress** can only be achieved when people understand how to use new technologies effectively and responsibly.

FESTO





FESTO

Automation Technology and Technical Education: **Moving Together**

With our unique industrial-educational
DNA ...

- we help educators align training programs with **market demands**
- we **empower workforces** with the skills they need to **drive productivity, innovation, and competitiveness.**

Building a Skilled Industrial Workforce for Today and Tomorrow

FESTO

A wide portfolio of learning solutions across various technology fields.



Factory Automation



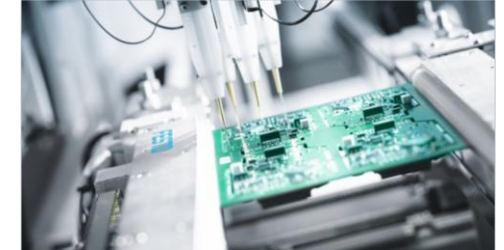
Renewable Energy



Process Automation



Electric Power Technology



Electronics



Fluid Power



Communications and Radar Technology



Building Systems Technology



Industrial Trades

From Foundational Skills to Continuous Workforce Development



Secondary School

Get inspired by technology



Technical Vocational Education and Training

Fundamental skills for
employment



Tertiary Education

In-depth learning and research



Industrial Workforce

Update and upskill

We Empower People from Vocational Education up to Lifelong Learning

Machine Design Engineer
Automation Engineer
 Mechanical Engineer (Machine) Operator
 Controls Technician **Maintenance Technician**

Mechanical Engineering studies
Mechatronics Engineering studies

Mechatronic
 Industrial Mechanic



Sys./App. Programming Specialist
Electrician **Production Planner**
 Programming Specialist **Electrical Engineer**
 Data Scientist/ Analyst IT Professional

Electrical Engineering studies
 IT Engineering studies

IT Specialist
Industrial Electrician

Preparing for the **Digital Transformation** and **Lifelong Learning**

- Job roles are redefined, new job profiles emerge, others become obsolete.
- Adapting training programs and prioritizing reskilling and upskilling are crucial.
- Soft skills and continuous on-the-job learning are becoming more important than ever.



We Cover a **Wide Range of Focus Job Profiles**

Job profiles in **vocational education**



**Mechatronics
Technician**



**Industrial
Electrician**



**Industrial
Mechanic**



IT Specialist

Lifelong learning is more than just a concept for us – it is the promise of active, continuous support at every stage of development.



**Smart
Maintenance
Technician**



**Automation
Engineer**



**Production
Specialist**



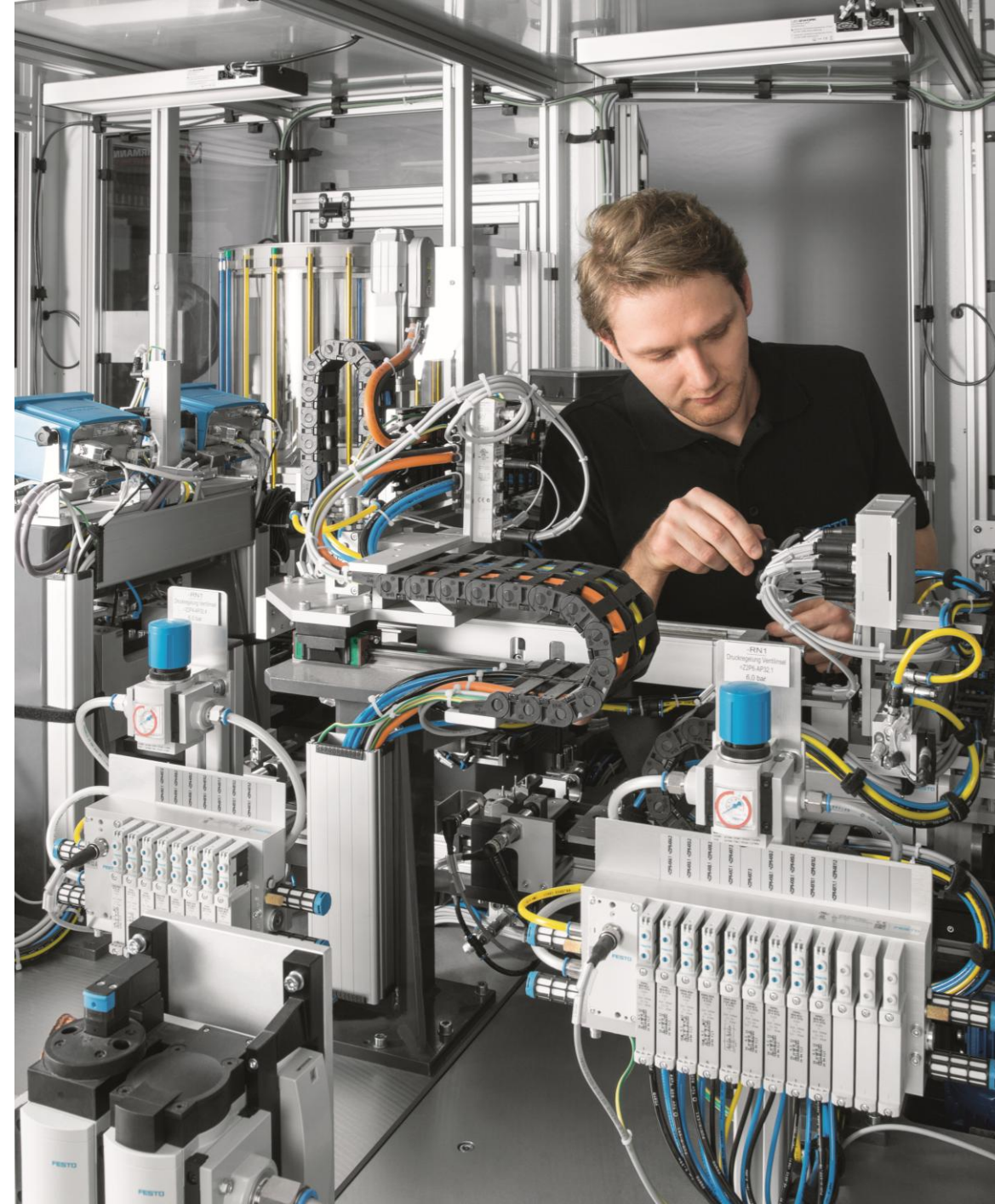
**Data Scientist/
Analyst**

Job profiles in **Further education**

Education for Employability and Productivity

**Education drives innovation.
Innovation drives the job market.**

We develop internationally recognized education solutions and complete curricula for a wide range of technical job profiles and fields.

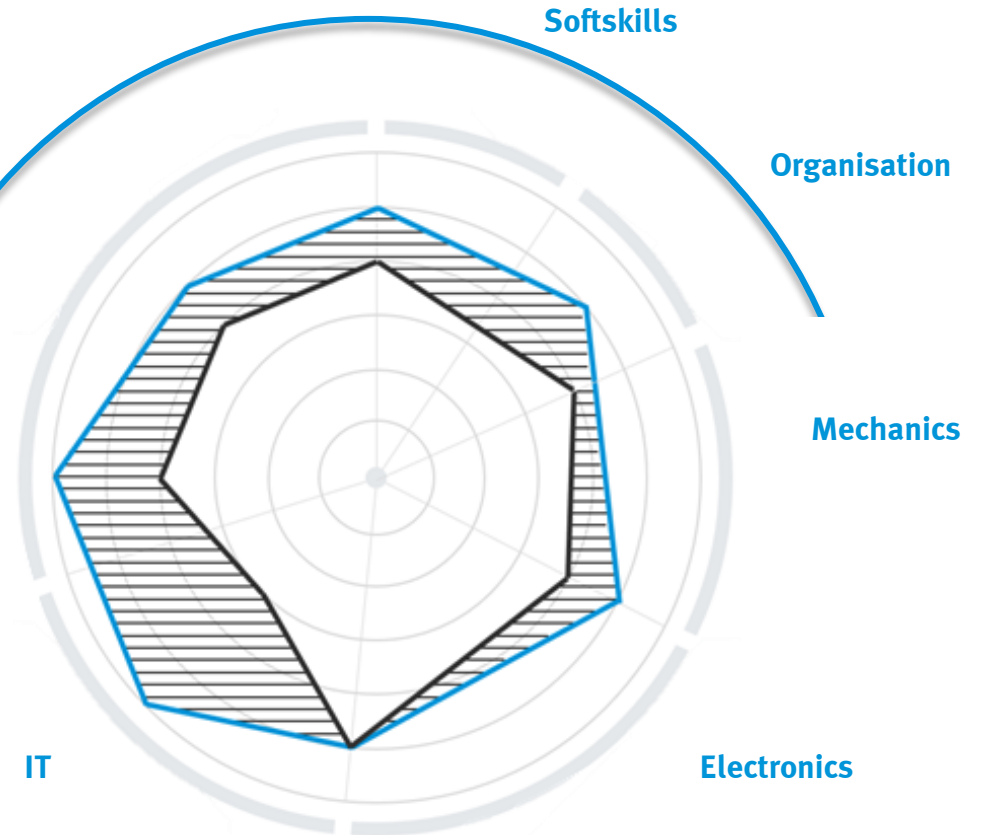


Curricula and Learning Paths – Closing the Qualification Gap

In times of **constant and rapid technological progress**, targeted technical education and training is the **key to success**.

- We translate professional competency requirements into clear competency diagrams.
- Our goal: Help educators close the skills gap with industry-relevant learning solutions.
- We develop adaptive qualification plans for job profiles based on competency needs analyses to simplify implementation for training officers.

Deep Dive



Core Didactic Principles



Realistic

Learning environments are built around realistic problem scenarios commonly found in modern production systems, such as Industry 4.0, automation, and robotics. The comprehensiveness of the content supports a deep understanding of technology and its interrelationships.



Process-Oriented

The learning process is designed in clearly defined phases, ranging from problem definition and planning to implementation, reflection, and optimization. This mirrors the standard engineering workflow and promotes sustainable learning outcomes.



Holistic

Beyond technical knowledge, particular emphasis is placed on methodological, social, and personal skills. Digital tools, project-based learning, and a strong feedback culture promote learning that engages the mind, emotions, and practical skills.



Practical

With our learning systems, such as modular and didactically streamlined training systems, theoretical knowledge is directly applied in practice. Learning is driven by active, hands-on engagement and experimentation.



Social

Team-based work, peer learning, and project-driven activities enhance communication, collaboration, and mutual support, which are essential skills in the modern working environment.

Holistic STEM Education Approach

- Sparking interest and curiosity in STEM subjects
- Developing technological understanding and future-ready skills
- Preparing learners for modern technical careers
- Strengthening digital competencies
- Enabling hands-on, project-based learning
- The approach emphasizes key 21st-century skills such as critical thinking, creativity, collaboration, and problem-solving.



Technical Education Made to Measure

We provide you with a comprehensive, competency-based, and digitally available qualification plan for education and training.

Our curriculum consists of individual topic-specific courses. A course usually consists of several complementary elements:



Theory (eTheory and eLearning courses) – to ensure an easy entry into the subject



Practice (eLab courses) – in order to grasp the topic in a practical context, tasks are carried out on Festo Didactic learning systems



Test (learning success control) – to determine whether the learning objectives of the course have been achieved



Teacher's Guide (User Guide) – to make teaching easier for teachers



Our Concept for **Competence-Oriented Qualification**

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Our Curriculum Industry
4.0 - the concept
explained



Competence-oriented
qualification in
technical education and
training

[→ Start Video now](#)



Design of Learning Environments Tailored to Your Needs

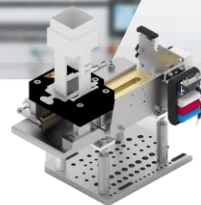
- Professional support throughout your project, from initial needs analysis to after-sales support and training
- State-of-the-art didactic learning material and equipment focusing on hands-on experimentation
- Industrial components and high-quality solutions to optimize your investments



How do We **Enable People** to Thrive in an Era of Constant Change?



With the Mechatronics Curriculum - from the Fundamentals to Complex Industry 4.0 Topics

**01**

Fundamentals of
metalworking with
[SkillsMagazine](#)

**02**

Fundamentals of
automation with the
[SkillsConveyor](#)

**03**

Industry 4.0-relevant
technology with
[MPS400](#)

**04**

Industry 4.0
Infrastructure topics
with [MPS403](#)

With the **SkillsConveyor** - The most universal training system for basics ever created

SkillsConveyor

SkillsConveyor teaches you the basics of commissioning technical systems in a practical way.

Digital Training — Made Easy

Extensive learning materials on Festo LX and all relevant technical information can be accessed online.



Expand Your Training

Through various additional packages, the training system can be expanded step by step with targeted learning content.

With the **MPS 400** Series - Compact all-round I4.0 Training Factories

Realistic end-to-end production line

Continuous multi-station flow lets students learn full production processes.

Modular, scalable, ready

Complete didactic courseware and modular hardware scale from starter to smart factory.



Industry 4.0 integration by design

Integrated RFID, MES and analytics enable real IoT/Industry 4.0 scenarios.

With the Electrical Technology Curriculum - Acquire Solid Electrical Engineering Skills

**01**

Basic skills in electrical engineering and electronics with [Electeo](#)

02

Technical skills in electrical technology and automation with [motors and drives training packages](#)

03

Advanced skills in electrical engineering with the [EMS](#)

04

Specialized skills in process automation, renewable energy, and advanced power systems

With **Electeo** - Harness the **Power** of **Electronics**

FESTO

Electeo

A modern learning system with excellent course materials for learning and teaching electronics.



Flexible and future-ready

Fully web-based solution when used with **Festo LX**
Electronics circuit simulation with **FluidSIM**

Designed with a plug-and-play philosophy

Compatible with various devices, operating systems, and browsers

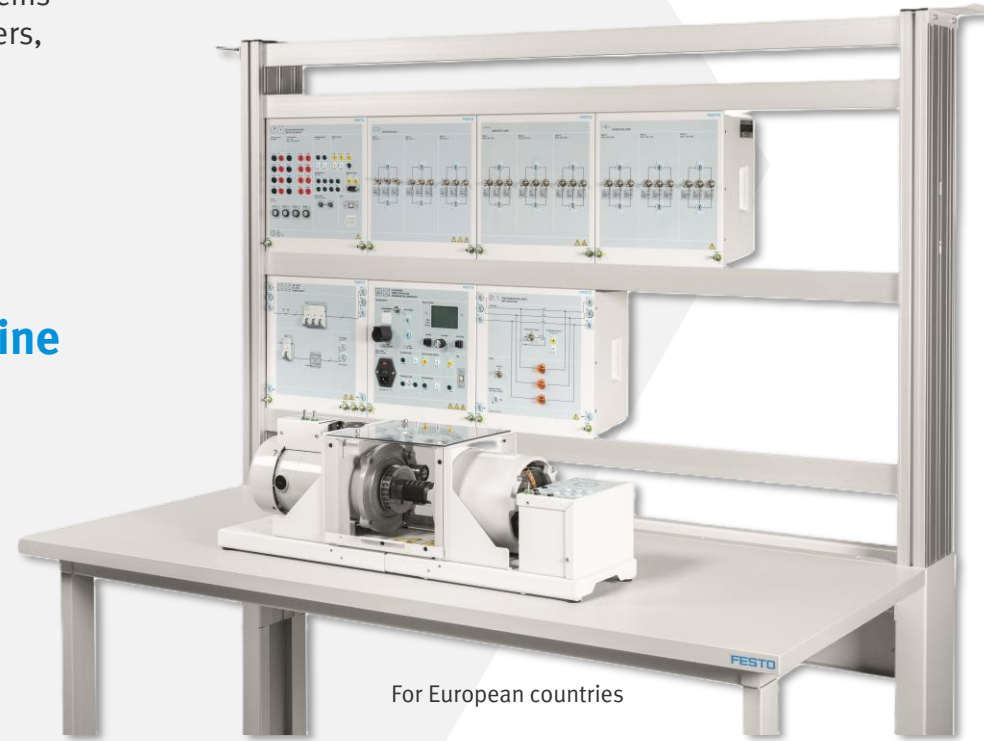
With the **EMS Learning Systems** - Your electrical engineering laboratory, your way

A modular concept, all the way through

The EMS lets you build electrical systems with modules like motors, transformers, loads, filters, and batteries.

Use digital tools to streamline lab sessions

Virtual instruments, data acquisition and control SCADA networking enable remote prep and boost learning impact.



For European countries

Ready-to-use instructional materials

Courses and PDF workbooks on **Festo LX** that speed up course planning and deliver targeted, practice-oriented learning.



For the rest of the world

Future-Ready Solutions - Enabled by Artificial Intelligence



Festo LX Tutor

An AI-powered assistant integrated into Festo LX that delivers just-in-time learning support to learners and educators.



Festo AX for Learning Factories

Festo AX for Learning Factories uses Festo AX to teach the process of ML based data analysis for improved productivity and efficiency.



VirtualLab

Learners “see the invisible,” explore remotely, and train on realistic simulated scenarios - scaling expertise and LX-integrated content efficiently.



From
learner
to expert.

Education for a world in motion.

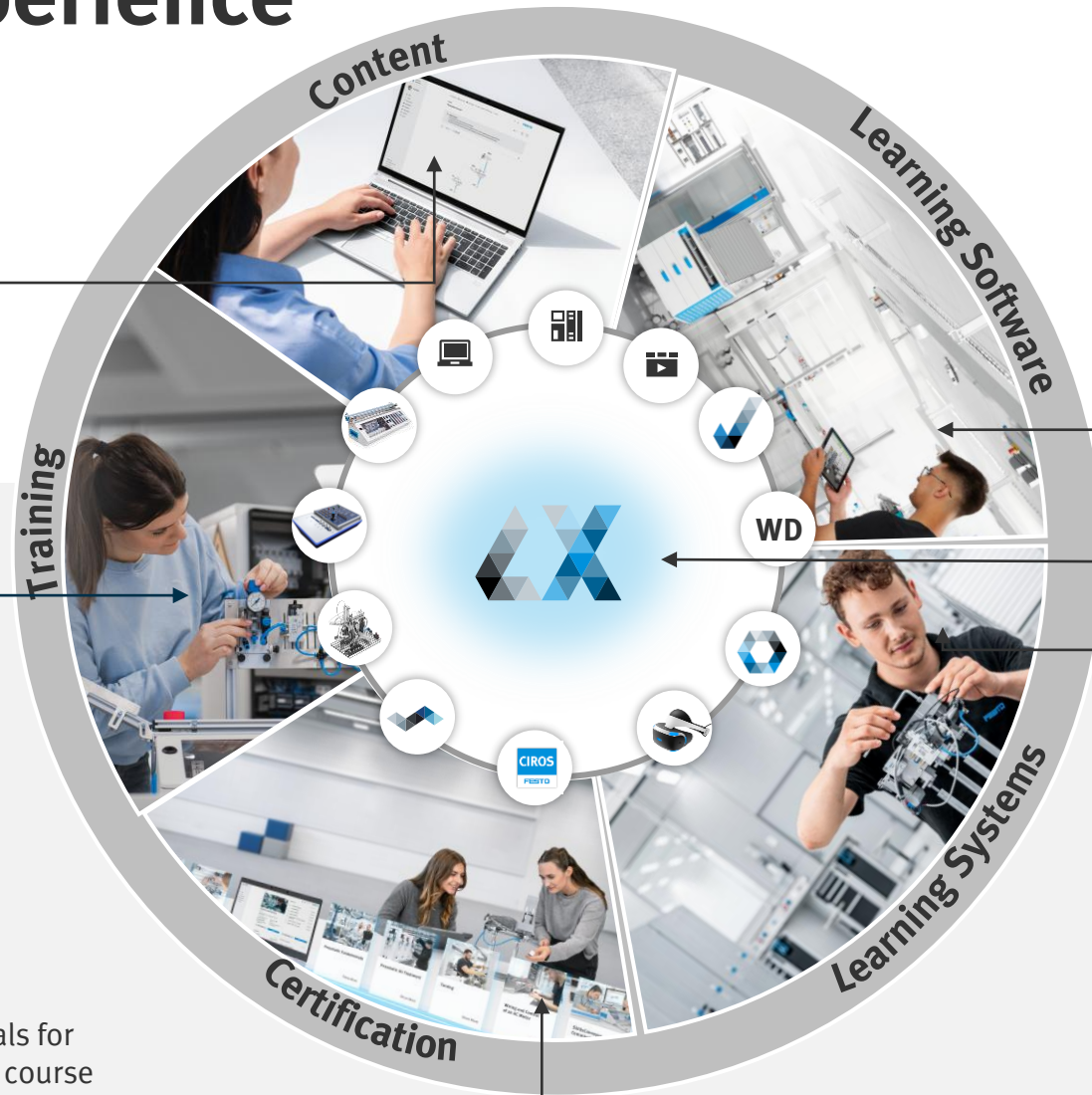
Learning Experience EcoSystem

FESTO

Achieve Learning Objectives with state-of-the-art theory, practical activities & evaluations digitally in an engaging, modular & flexible style

Personalized in-person & digital training, incl. Train the Trainer & Trainer the Teacher

Official credentials for individuals after course completion



Practical and industrial equipment designed to maximize knowledge transfer and enable day 1 employability

The central hub for the learner's journey, offering guidance & content

Enabling exciting & diverse learning scenarios with digital twin, xR & 2-D simulations

Festo LX

FESTO

Digital learning solutions for tomorrow's workforce qualification



Our learning portal offers more than 750 ready-to-use courses and learning paths – from industry for industry



Enhance skills with hands-on exercises on hardware, simulation or Face-to-Face trainings



Adapt and create your own company-specific content with our AI supported LX Creator



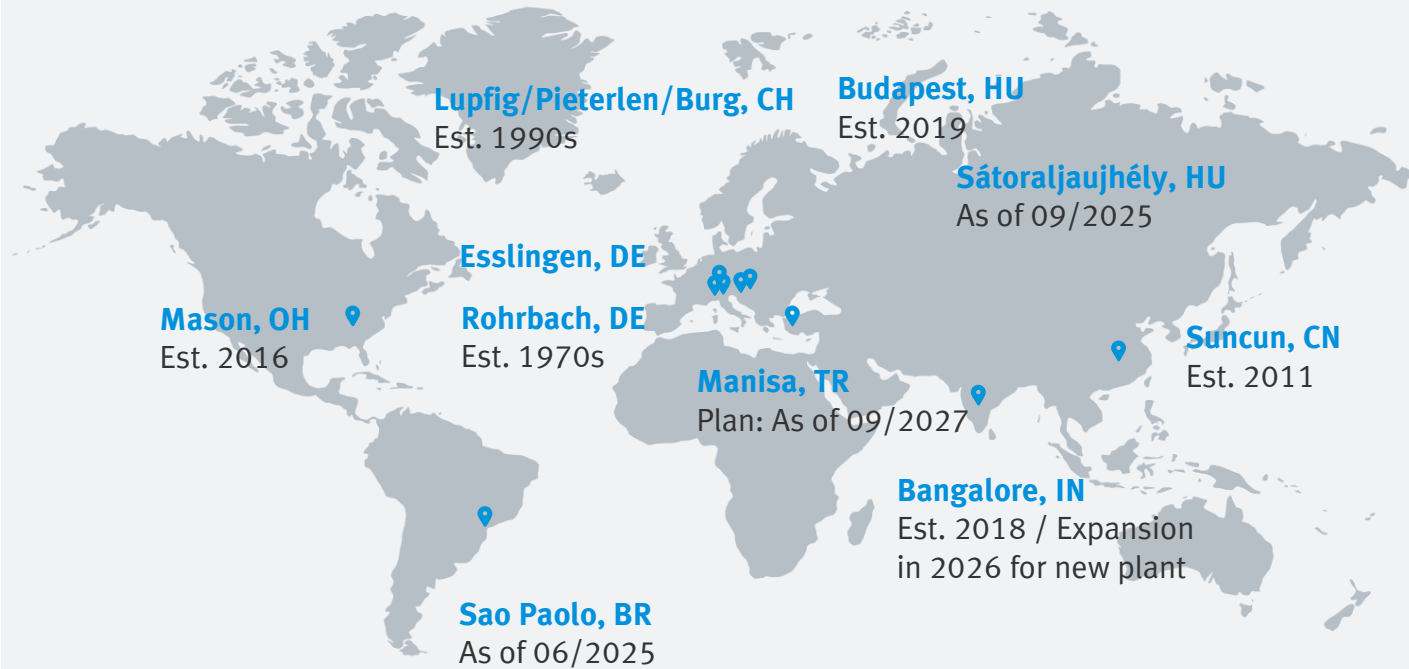
Monitor learning progress, issue certificates, conduct training needs analysis



Easy licensing model: access all contents and features and buy individual licenses as required (pay per user)

Learn more on our [website](https://www.festo.com/lx) or register now on lx.festo.com

Dual Vocational Education Worldwide



11

Locations

400

Apprentices

40

Instructors (fulltime)

20

Professions & Dual Studys

Industrial Workforce Development - **From Industry, for Industry**

Qualification needs analysis

Define future roles and competencies and design corporate learning targets and training requirements

Digital transformation

Added value: we initiate, design, and support change processes.

Competency programs

Knowledge and methods for individual job roles: relevant theory combined with practical exercises

Public, customized and online courses

Competency development: practical, hands-on focus with state-of-the-art industrial components

Technology

Development of technical skills: core technologies of factory and process automation

Innovation

Develop competencies for tomorrow: prepare for learning, leading, and future production in the context of Industry 4.0

Organization

Continuous improvement: strategic planning and process optimization along the value chain

People

Behaviours and mindset: teamwork, communication, and leadership



Various **Delivery Formats** to Address Broad Range of **Qualification Needs** and **Preferences**

01

Technology/Methodology

Theory focus

Fundamental technological principles, generally applicable across industrial segments and applications

02

Industry/Process

Application focus

Technology use cases in particular, typically segment specific industrial processes

03

Company/Workplace

Task/Behavior focus

Learning objectives depending on individual customer's specific frame conditions for distinctive group of learners

Scope

Format

Online learning



Transformation programs

Customer specific trainings

Learning systems & Public seminars

Boost your Training Business – Festo Certified

Festo Authorized and Certified Training (FACT) Center

A long-term partnership for excellence

- Festo seal of quality indicating global standards
- Didactic methods for technical training
- Theoretical, hands-on and digital learning
- Festo Didactic trained and certified faculty
- State-of-the-art learning equipment
- Participant certificate carrying the Festo brand, a symbol for innovation in industrial training



Global Best Practices - Tailored Solutions

Our customers benefit from **customized educational solutions**, including the **conceptualization**, planning, and equipping of **complete workshops and labs**. More than **400** reference projects attest to our competency and expertise.



Universidad del Trabajo del Uruguay



Industrial Company in Germany



Abu Dhabi Polytechnic



Vocational Training Center Oman



Nile University, Cairo



Instituto Tecnológico Centroamericano

FESTO

worldskills
Global Premium Partner



FESTO

Learning through Competitions – **WorldSkills**

- The WorldSkills competitions are professional world championships for apprentices and students in vocational, non-academic skills training.
- Festo is a WorldSkills **Global Premium Partner**.
- We support the competitions as an employer, as a training company, as an equipment and solution provider for **over 30 years**.

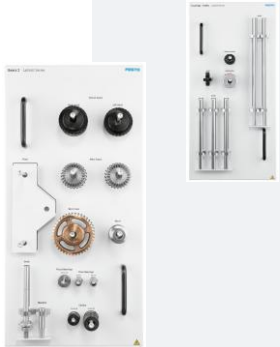
Festo Didactic - Official Equipment Supplier

FESTO

All participants in the championship work with **high-quality equipment** that has been officially approved by WorldSkills. For the **skills** areas of:

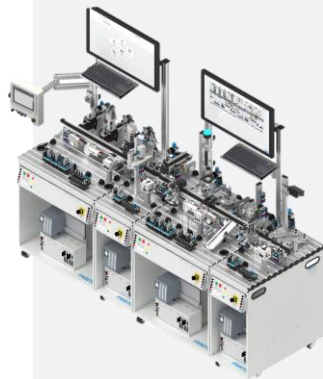
Skill #01

Industrial
Mechanics



Skill #04

Mechatronics



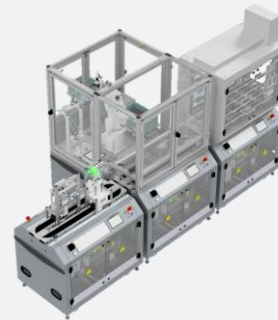
Skill #19

System
Electrics



Skill #48

Industry 4.0



Skill #55

Water
Technology



Skill #62

Renewable
Energy



Sustainable Partnerships – UNIDO

In partnership with UNIDO, we are jointly developing **innovative solutions** to promote demand-driven industrial skills and thereby create more jobs for particularly **vulnerable people**.





Didacta Association — Driving Education Forward

As a member of the **Didacta Association** we **support their mission** to make high-quality education accessible and fit for the future.

Every year at **didacta** — the world's leading education trade fair — we engage directly with educators, policymakers and partners to showcase our solutions and drive practical change.



Education for a world in motion.

Want more?

Visit our **website** and stay updated by following us on **social media!**



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