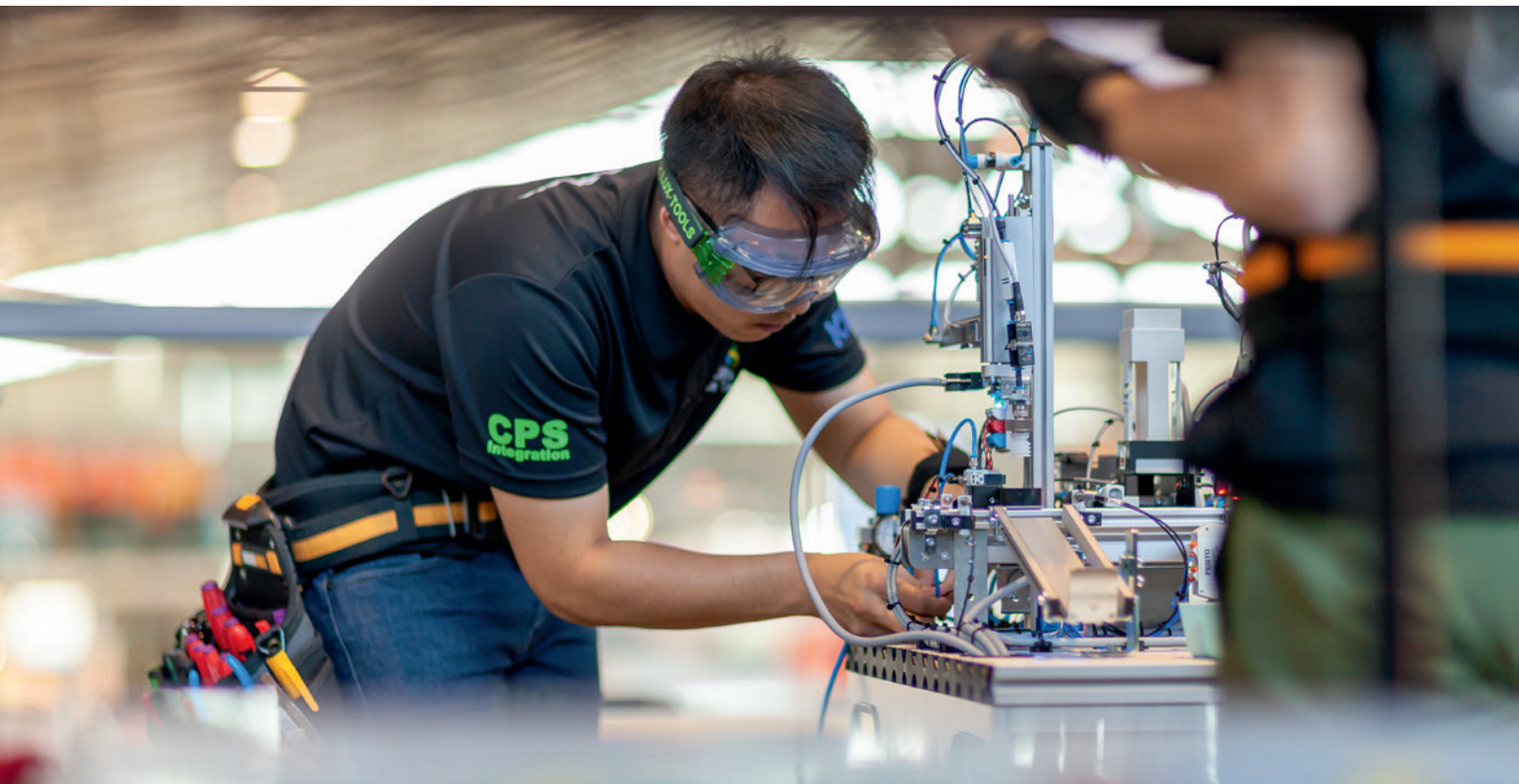


# WorldSkills competitions in Mechatronics

## Train on the Modular Production System (MPS)

**FESTO**



Festo is a leading supplier of automation and process technology. Festo Didactic develops state-of-the-art learning solutions for technical education and training.

We are a Global Industry Partner of WorldSkills and a Premium Sponsor of the official competition equipment for skill 04 Mechatronics at any WorldSkills competition.

To prepare young competitors for a championship, the learning solution Modular Production System MPS is the ideal training equipment.

**FESTO**

  
worldskills  
Global Industry Partner

**FESTO**

  
worldskills  
Europe  
Premium Sponsor

  
worldskills  
Germany

Gefördert von

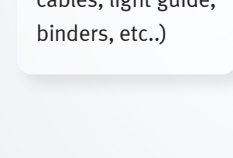
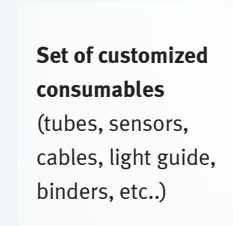
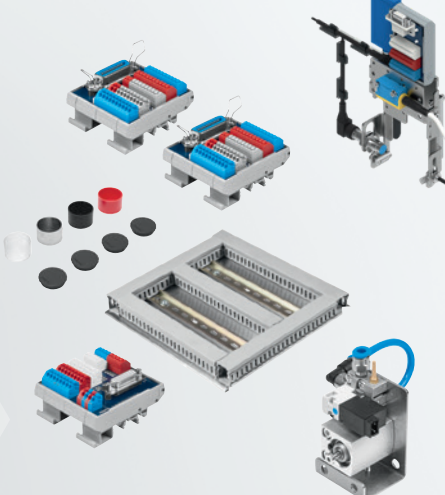
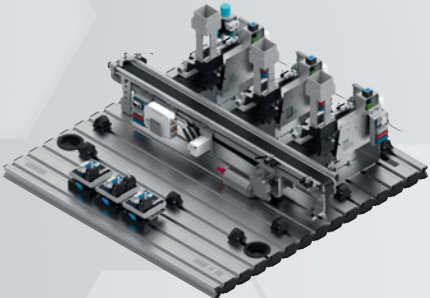


Mandatory WorldSkills Mechatronics training equipment  
Well prepared with the fundamental equipment set.

The challenge: set up a functioning system and get it running without errors. Remember, only one station in the competition is known, the other station(s) are kept a secret until the competition starts.

Part 1: 3 – 4 hrs. training  
Tasks: Assembly, wiring, tubing, commissioning, maintenance

Tasks available



MPS Distribution Pro Station D

- Wiring board
- Digital terminal
- Analogue terminal
- Stopper
- WS-Kit Identification
- Work pieces

Consumable set - MPS Distribution Pro Station D

Part 2: 1 – 1,5 hrs. training  
Tasks: Maintaining and optimizing with further components

Tasks available







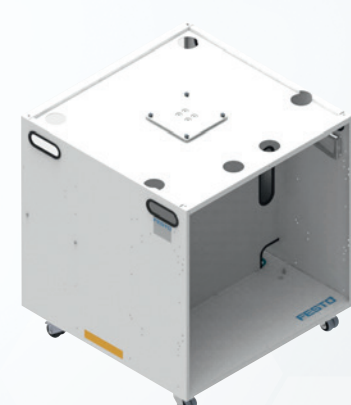
Signal tower

Flow sensor

Supplemental WorldSkills Mechatronics training equipment  
Improve the performance with add-on supplies.

With just a little more useful equipment, you increase the possibilities of the tasks as well as ergonomic working and the mobility of the workplace. This accessory material is optional and perfectly completes the preparation for the competition.

Useful accessories  
Make use of all available features for a holistic training




Trolley 700 x 700  
With or without height adjustment

SimBox analogue


Analogue cable

Digital cable

Rubber feet

**Important note** 

As per WorldSkills regulations, competitors must bring their own PLC, HMI, programming tools, connection cables, power supply and handcraft tools. Therefore, this material is not included in this offer. Please don't hesitate to contact us, if you need it.



Festo LX - a perfect match  
Combine your hands-on training with digital learning

Festo Learning Experience is the digital learning portal for individual learning experiences. The portal is based on multimedia learning nuggets like courses, ebooks and tasks that can easily be adapted and combined to your individual learning needs. Please find the suitable training set on Festo LX:

- ⇒ MPS Stacking Magazine Module (Distribution/ Conveyor Station) – Commissioning
- ⇒ MPS Stacking Magazine Module (Distributing Station) – Logic Programming
- ⇒ Sensors – Through-Beam Sensor
- ⇒ Actuators – DC Motor Distribution Station
- ⇒ Basics of Sensors and Actuators
- ⇒ Basics of PLC Programming, Sorting Station



**EuroSkills Graz 2021 and Gdańsk 2023**  
The real tasks of skill 04 Mechatronics on the MPS Distribution Pro and Conveyor Station

**WorldSkills Competition 2022 Special Edition**  
The real tasks of skill 04 Mechatronics on MPS stations with wiring board plus Robotino with parallel gripper



## Learning through skills competitions

Develop competencies for future technical careers



Share the passion  
of the 2022 competitors  
about the skill  
Mechatronics



Discover the  
digital learning portal  
Festo Learning  
Experience



For more information  
on the WorldSkills  
Mechatronics training  
equipment, please  
download our offer.

“Mechatronics has been an established skill in the WorldSkills competitions for over thirty years - for a good reason. The employability of the skilled young people on the labor market is excellent.”

Michael Linn, Chief Expert and Skill Competition Manager for Mechatronics at WorldSkills.

### Festo Didactic SE

Rechbergstrasse 3  
73770 Denkendorf  
Germany  
Phone: +49 711 34 67-0  
Fax: +49 711 347-54-88500  
did@festo.com

[www.festo.com](http://www.festo.com)

To order the equipment set and for more information please don't hesitate to contact your local Festo sales office or our headquarters.