



SkillsConveyor

The universal training system for the basics of automation technology



Highlights

- Hands-on training and basic training on the topics of automation technology and mechatronics
- Interfaces to other Festo Didactic learning systems
- Flexibly interchangeable actuators
- Reliable and safe system
- Extensive learning materials on Festo LX
- Available as a kit and as a pre-assembled version

The SkillsConveyor is our comprehensive solution for offering training on the topics of automation technology and mechatronics. It starts with the basics of installation and commissioning and continues up to VPS, PLC and LOGO! Programming as well as DC and AC actuator technology and other different topics are taught.

SkillsConveyor

The SkillsConveyor sets a new standard of modularity in terms of hardware, software, courseware and interfaces to other Festo Didactic learning systems.

The SkillsConveyor is available as a kit or pre-assembled.

Training content

The SkillsConveyor teaches basics such as

- Mechanical assembly
- Electrical wiring
- Hard-wired programmed controllers
- Actuator technology
- PLC programming
- Sensors and actuators

Information about the SkillsConveyor online:
> www.festo.com/skillsconveyor



More information:

- > www.festo.com/skillsconveyor
- > www.festo.com/lx

Mechatronics curriculum

- > www.festo.com/mechatronicscurriculum-automation



The SkillsConveyor ecosystem





Extension options

The various add-on packages of the SkillsConveyor offer a wide range of options for expansion.

They enable the basic learning system to be expanded gradually and individually so that specific learning content can be conveyed.

This allows you to customise the learning environment to your specific needs and requirements and continuously expand and deepen your knowledge.

Available additional packages

SkillsPackage

Distributing and sorting:



Expansion with a simple sorting process, integration of digital and analogue Quick-Fix sensors, digital actuators.

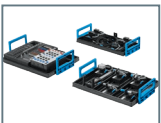
Add-on SkillsPackage

Stacking magazine:



Extension with a pneumatic stacking magazine.

Sensors for object detection (TP 1311):



Integration of sensors from the training package via the sensor bridge.

Basics of circuits with contact (TP 1211) and Add-on Skill-sPackage AC Motor Control:

Training package and additional package with electrical components for learning about hard-wired programmed controllers and AC motor controllers.

EduTrainer with SIMATIC S7-1500 or EduTrainer with LOGO!



Controller in EduTrainer format for learning the basics of PLC programming with Siemens LOGO! or Siemens S7 industrial controller.

Simulation box:



Suitable for teaching and controlling digital PLC inputs and outputs and process inputs and outputs on the SkillsConveyor. Can also be used for analogue signals.

EasyPort USB:



For controlling and transmitting process signals between SkillsConveyor and FluidSIM.

Sinamics G120 EduTrainer:



Safe frequency inverters
Learning solution suitable for operation with AC motor.

AC-Motor Package:



AC motor including connecting cable, optionally with time relay, for learning about AC motor control with control cabinet.

IIOT kit

Machine learning:



Integration of a camera module for teaching AI and machine learning in a production system.

Information on the individual products relating to the SkillsConveyor ecosystem:

> www.festo.com/skillsconveyorecosystem

