

**PRODUCTION LINE 24V |  
INDUSTRY AND HIGHER EDUCATION**

**PRODUCTION LINE 24V**

Simulates optimally coordinated  
coordinated process steps

The fischertechnik Production Line 24V simulates a series of interlinked production steps. At the beginning, the workpieces are loaded from a magazine onto a rotary indexing table with four stations using a pneumatic pusher. The rotary indexing table transports the workpieces step by step to the drilling and welding station, where the workpieces are processed. At the last station of the rotary indexing table, a vacuum suction gripper removes the processed workpieces and places them on a conveyor belt. This transports the workpieces to the palletising station, where three workpieces are collected and then pushed onto a pallet.

The Production Line 24V includes a comprehensive PLC course that uses the physical model to create a lasting learning experience for PLC programming. Through the hands-on approach of this training model, participants not only develop a deep understanding of PLC programming, but also the ability to master complex control tasks independently. The model promotes hands-on learning, creativity and problem-solving skills, optimally preparing participants for the demands of industrial practice.

**FACTS**

Production line with rotary indexing table, gripper robot, two machining stations and a palletising station

Independent solving of complex control tasks

Programming in function plan or structured text

Ideal training, simulation and demonstration model for vocational training and further education

Fully assembled 24V training model, mounted on a stable wooden board

Incl. comprehensive PLC course

**ATTENTION:** A 24V PLC controller is essential for operation

PLC programming

# Production Line 24V

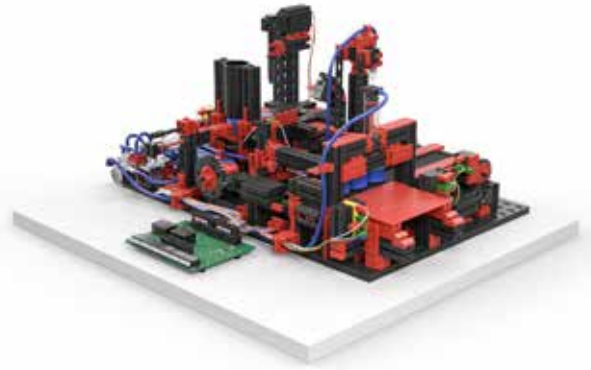
## Facts

### Specifications

- 5x mini motor
- 5x push button
- 4x phototransistor
- 5x light barrier LED
- 3x solenoid valve
- 4x pneumatic cylinder
- 1x compressor

### Control unit

- 24V model prepared for control with a PLC (PLC requirements: 8 digital inputs and 4 digital outputs 24V)
- PLC programming course designed for structured text and function block diagram



Item No.	571910
EAN	4048962516715
Model dim. (WxHxD)	450x410x224 mm
Model weight (g)	5230

## About fischertechnik

### Simulation models for industry and universities

The production of tomorrow is the subject of research, industry and academia. It describes the transformation to agility, customer orientation, artificial intelligence and Industry 4.0. This creates a multitude of challenges that are influenced by technological developments, social changes and global trends. Overcoming these challenges requires a holistic and proactive approach from companies that invest in innovation and employee training in order to successfully shape the production of tomorrow and be globally competitive.

Our approach is to understand on a small scale before implementing on a large scale. With fischertechnik simulation models, you prepare yourself for the future. They create sustainable learning experiences in vocational training and studies, overcome the hurdles of seemingly complex transformations and conduct research into future topics.

fischertechnik simulation models offer the opportunity to realistically represent complex, technical production systems and are the perfect basis for sustainable learning experiences in a safe and action-oriented environment. Further information at [www.fischertechnik.de/en/industry-and-universities](http://www.fischertechnik.de/en/industry-and-universities).

