BENDING MACHINE 24V |
INDUSTRY AND HIGHER EDUCATION

BENDING MACHINE 24V

Transport and (semi-)automatic bending of workpieces

The fischertechnik Bending Machine 24V simulates the transport and bending of workpieces. The model can be used in either semi-automatic or automatic mode. In semi-automatic mode, the unbent workpieces are manually inserted into the transport carriage. In automatic mode, the transport carriage positions itself automatically under a magazine that provides the workpieces. The loaded carriage then transports the workpiece to the bending machine, where it is bent. The transport carriage then takes the processed workpiece to the removal point.

The Bending Machine 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

Incl. comprehensive PLC course

Independent solution of complex control tasks tasks

Programming in function plan or structured text

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

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

ATTENTION: A 24V PLC control unit with at least 8 digital inputs and 4 digital outputs is essential for operation

PLC programming

Bending Machine 24V
Facts

Specifications

- 2x Mini Motor
- 4x Push botton
- 3x Phototransistor
- 3x Light barriers LED

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.	571911
EAN	4048962516722
Model dim. (WxHxD)	258x186x202 mm
Weight (g)	1840

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.

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