



**APS ADD ON: ANNEALING FURNACE |
INDUSTRY AND HIGHER EDUCATION**

ANNEALING FURNACE

Expansion of modern agile production

The APS Add On: Annealing Furnace adds a new production module to the Agile Production Simulation (APS). The standard configuration with a drilling and milling module is extended by the option of a Annealing Furnace. The additional process module allows the introduction of new derivatives into production or the expansion of existing production configurations by an additional process step.

The Annealing Furnace consists of a docking station for the Automated Guided Vehicle system (AGV) and a vacuum gripper that transports the workpiece into the Annealing Furnace using pneumatics. Hardening is simulated there with a red light. After the process, the workpiece is removed from the Annealing Furnace using a gripper and placed back on the AGV.

FACTS

Ideal for adding another production module to the Agile Production Simulation.

Fully assembled and programmed model

SIEMENS S7-1200 controller included and installed

The APS Add On: Annealing Furnace unlocks additional learning content in the Digital Learning Platform.

ATTENTION: Can only be used in combination with the Agile Production Simulation

PLC programming

APS Add On: Annealing Furnace

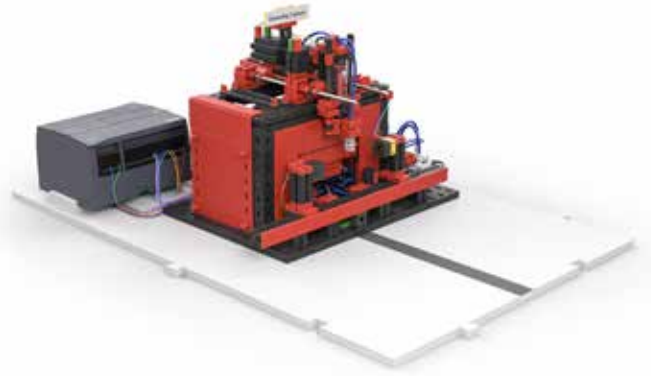
Facts

Specifications

- 1x SIEMENS S7-1200 control unit
- 4x push buttons
- 1x phototransistor
- 1x compressor 24V
- 5x 3/2-way solenoid valve 24V
- 1x vacuum suction cup
- 7x pneumatic cylinder
- 3x light barriers LED 24V
- 1x motor 24V

Control unit

- 24V model controlled with SIEMENS S7-1200
- Program in structured text already played on controller



Item No.	571909
EAN	4048962516708
Model dim. (WxHxD)	570x380x223 mm
Model weight (g)	4460

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.

