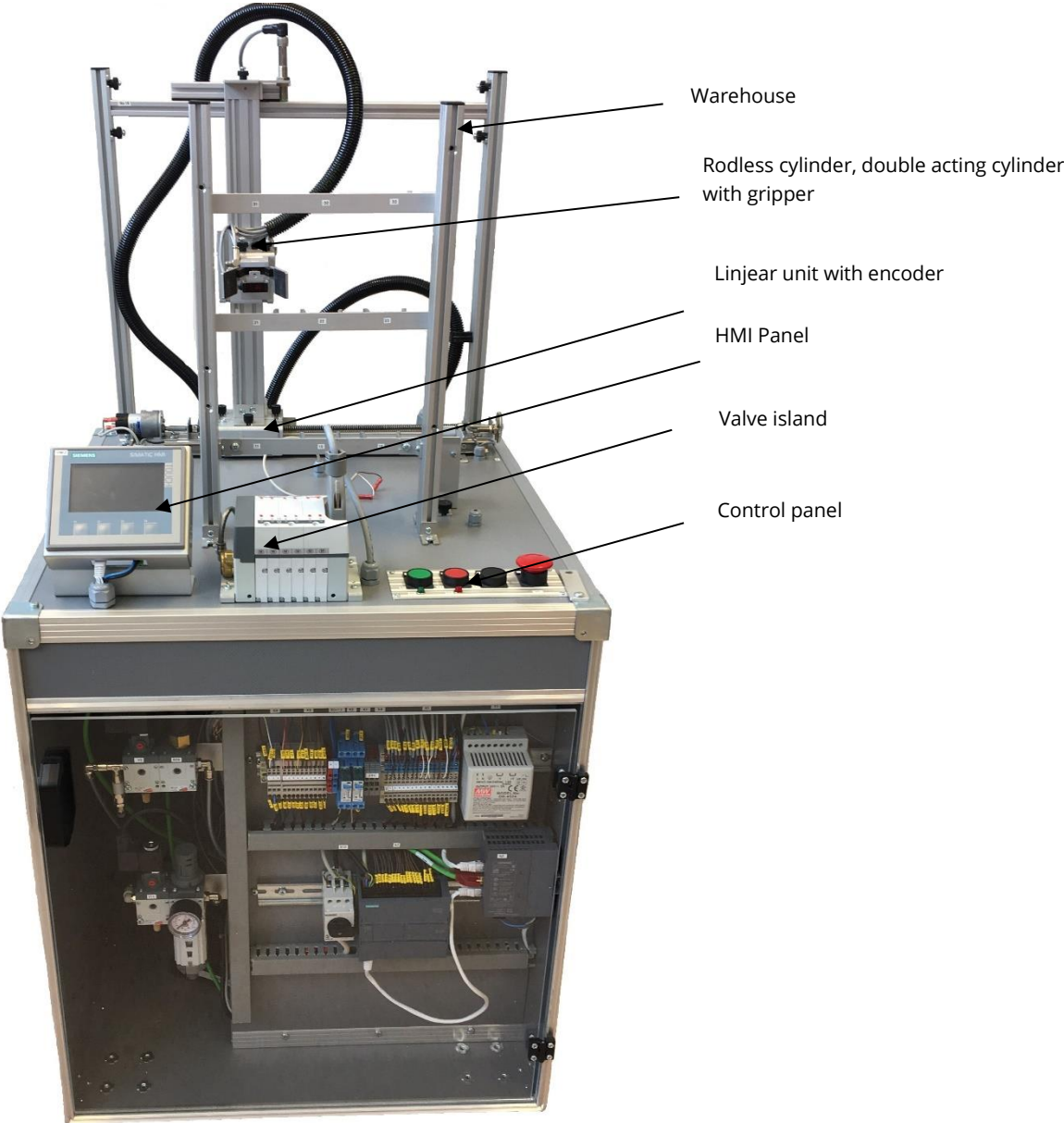


Training Station™ - ASRS

Training Station ASRS (Automated Storage and Retrieval System) is an extensive station for training within the field of automation. The station is programmed with a PLC system and includes conveyor, a 9 places warehouse, rodless cylinder equipped with a double acting cylinder and gripper placed on a linear unit. All components are assembled on a trolley together with a Siemens PLC system, HMI panel and switch for communication. The software TIA portal is used for programming and monitoring of the system. The station is further more equipped with a multipole pneumatic valve island, FRL system, a control panel with start, stop, reset and emergency buttons and wheels for easy transportation.

Training Station ASRS can be combined with our other Training Stations such as Identification and Assembling station and put together in different combinations to a complete production line.



The station covers:

- Basic and advanced pneumatics
- Sensor technology
- PLC/HMI programming
- Linear units

The control board is placed under the station and includes connection boards, power supply FRL, with soft start valve, PLC and switch. All components are placed behind a robust plexiglass door with handle. Main voltage 230V Ac and compressed air is connected on the backside of the trolley.



Technical specification

Size wxhxd	620x850x670mm
Supply voltage	230V AC
Supply voltage PLC etc	24V DC Included
Electrical wiring	Connection board for input/outputs, relay, on/off switch
Electrical motor	24VDC 340mA
Pneumatic supply	6mm tube fitting, Working pressure 4-6 Bar
Pneumatic cylinders	Compact and rodless cylinder, Gripper
FRL system	On/Off, soft start valve, Filterregulator
Pneumatic valves	Valve island incl. 6 5/2 valves
Sensors	Optical, ultrasonic, Inductive, Pressure and Cylinder sensors
PLC System	Siemens S71214 with switch
HMI System	Siemens KTP400