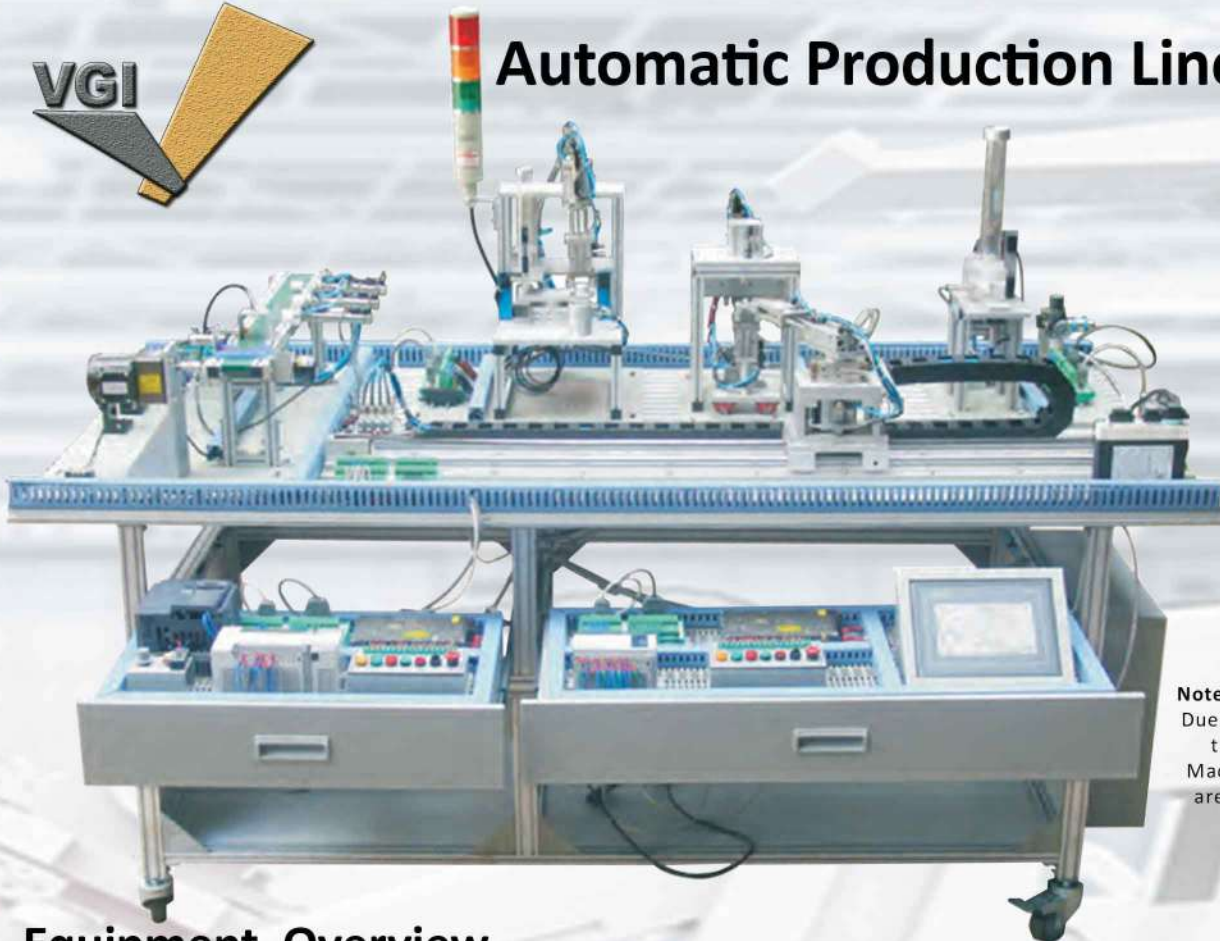


**Note :**

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!

Equipment Overview

- This trainer is mainly composed of supplying unit, processing unit, assembly unit, distribution unit, handling unit, training table, PLC control module, frequency converter module, touch screen module, power module, servo system, sensors, solenoid valve bank, cylinders, air compressor, tools, etc.
- Modules such as PLC control unit, frequency converter unit, stepping motor unit, touch screen unit and power unit are standard, open and modular structure designed, which can be used for other similar training equipment. All the control and power signals of controller, sensor and actuator are led to interface unit for student to conduct wiring autonomously.
- It simulates the production, processing, assembly, distribution steps of actual industrial automatic production line and integrates mechanical technology, sensor technology, AC motor frequency control and stepping motor driving control technology, touch screen technology, PLC control and communication network technology, which is ideal for students to conduct system installation, debugging, running, fault detection, troubleshooting and maintenance training.
- The device is designed with leakage protection, short circuit protection and scram protection function to avoid damage and danger caused by misoperation. The whole structure is demountable and extensible, users can replace modules according different training requirements and select different PLC systems, such as Siemens system, Mitsubishi system, etc.

Training Content

- Supply station/Processing station/Assembly station/Distribution station/Transport station/Automatic production line control installation and debugging training
- Change or extension work unit
- Electrical upgrade for field bus
- Positioning module to control servo motor
- Pneumatic direction control circuit/Pneumatic speed control/Sway control circuit/Pneumatic sequence control/Pneumatic mechanical arm installation
- 3-phase motor forward-back rotation/3-phase motor/Motor speed /Frequency converter analogy connection and control programming
- PLC pulse output or positioning control servomotor technology
- Servomotor control circuit connection and parameters setting
- PLC control network control technology
- PLC control technology---485communication technology programming and debugging
- PLC control technology---field bus communication technology programming and debugging (extendable)
- Transmission adjustment
- Supply station/Processing station/Assembly station/Distribution station/Transport station /Automatic production line installation and debugging
- Mechanical parts loading and adjustment capability
- PLC analogy control in automatic production line operating capability
- Electromechanical equipment control programming capability
- Automatic control system installation and debugging capability
- PLC network installation, programming and debugging capability
- Man-machine interface, group technology programming and debugging capability