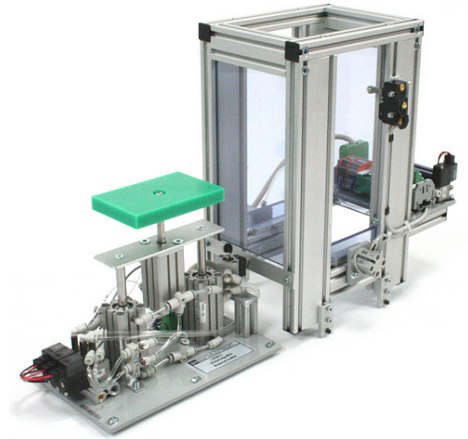


Item No.: LM9687

Material buffering station

Station for buffering workpiece carriers within a complex mechatronics system and for controlling material flow. When integrated into a conveyor belt network, up to four loaded or ten unloaded pallets can be removed and put into a temporary holding section until they are to be fed back into the process.

- Magazine for up to four loaded or ten unloaded pallets
- Microswitch for level monitoring
- Stop cylinder, double-action
- Telescopic lifting system, consisting of two parallel, double-action lifting cylinders expanded by another twist-proof double-action lifting cylinder
- Two single-action holding cylinders operated in parallel
- 6 x limit sensors
- 4 x choke valves
- 1 x 3/2-way valve
- 3 x 4/2-way valves
- PLC interface with SUB-D 25-pin plug
- PLC requirements: 6 x digital outputs, 4 x digital inputs



To assure functionality and a long working life for pneumatic components and controls, a maintenance unit is required, consisting of: filters, pressure control valve with pressure gauge and lubrication.