

Loaders LM
Unloaders UM
for PCBs in magazines

Magazine conveyor expandable



Loaders LM Unloaders UM

Loader LM 10 Unloader UM 10

- Manual magazine exchange
- Compact design
- Simple operation
- Manual or automatic magazine fixing



*Loader LM 10 regulations
Unloader UM 10
Buffer BM 10*

Unloader UM 40

- 90° magazine handling
- Extremely compact design - only 1100 mm for M-Series
- The same as Unloader UM 30



Unloader UM 40

Loader LM 30

- Automatic magazine exchange
- Magazine conveyor expandable
- Safety curtain in magazine tower
- Automatic magazine fixing
- Type LM 40 with 90° magazine handling



Loader LM 30

Unloader UM 30

- Automatic magazine exchange
- Magazine conveyor expandable
- Safety curtain in magazine tower
- Automatic magazine fixing



Unloader UM 30



General Characteristics

- Can be used with all standard magazines
- Exakt magazine positioning
- Modular design principle
- Limited part diversity
- Uniform operating surface
- Manual or automatic width adjustment
- Communications interface as required or multi-interface possible
- Remote maintenance module
- CAN-Bus network interface
- Tough powder-coated finish
- Design according to CE, electro-static and safety Loader LM 10 regulations

Technical details

Safety curtain in magazine tower

- Uncompromising safety design
- Free access to magazines



Operation

- 4 row display
- Operation guide and status control via plain language indicator
- Extensive service functions with single-step control



PCB-dimensions

- M-Series L 100... 330 mm
B 50... 260 mm
- L-Series L 100... 500 mm
B 50... 500 mm

Products and performances

Handling and transport systems

- for circuit boards
- for solder frames
- for work-piece carriers
- Transport conveyors
- Vertical lifts
- Horizontal lifts
- Turning stations
- Flip units
- Loading/unloading units
- In-line buffer (FIFO/LIFO)
- Turning lift stations
- Path through stations
- Systems with manual and automatic magazine handling

Test systems

- In-line or autarkic
- Manual or automatic process
- In normal or extreme temperature ranges (alternating from -40°C to 125°C)
- In-circuit test
- Function test
- Test with automatic alignment
- Picture processing
- High frequency
- Special test systems

Special systems

- Handling and transport
- Automatic assembly

Inter-linking of manufacturing processes

- TECONA products
- Products from other sources
- Planning
- Handling and transport systems
- Integration of manufacturing systems
- HOST communication
- Process visualisation
- PPS
- Data remote transmission