

Robo CopyStation M2

Automated high-speed duplication of mobile memory media

- ◆ Portal robot for automatic handling of memory cards; fitted with contact pads for 48 memory cards.
- ◆ Automatic transport system for memory card trays; adaptable to a wide range of tray types.
- ◆ The contact pads are connected to a built-in copying unit; separate controller for each contact pad allows parallel processing of copy commands for very high performance.
- ◆ Compatible with the following memory media by exchanging the contact pads: SD Card/MMC, RS-MMC and microSD; other memory media such as miniSD, Memory Stick PRO Duo or Memory Stick Micro M2 on request.
- ◆ The CopyStation is operated using a touch screen which is mounted on a swivel arm.
- ◆ The handling system is based on Bosch Rexroth automation modules; the drive system uses linear motors and toothed belts; the vacuum is provided by an ejector system.
- ◆ High-speed image copies – e.g. 48 High-Speed SD Cards with 64 MB in less than one minute, 48 High-Speed SD Cards with 512 MB in less than three minutes; throughput depends on the card tray type and the write speed of the memory cards.
- ◆ Optional software interface for data exchange with external applications to allow customization of individual cards, e.g. with serial number or data encryption.



Robo CopyStation M2, general view.



The robot arm picks up the memory cards using suction pads.



Close up view of the 48 contact pads. The exchangeable contact pads are currently available for SD Card/MMC, RS-MMC and microSD memory media.



[More details](#)

Technical Specifications

Robo CopyStation	Item no.
Robo CopyStation M2	29AL1201

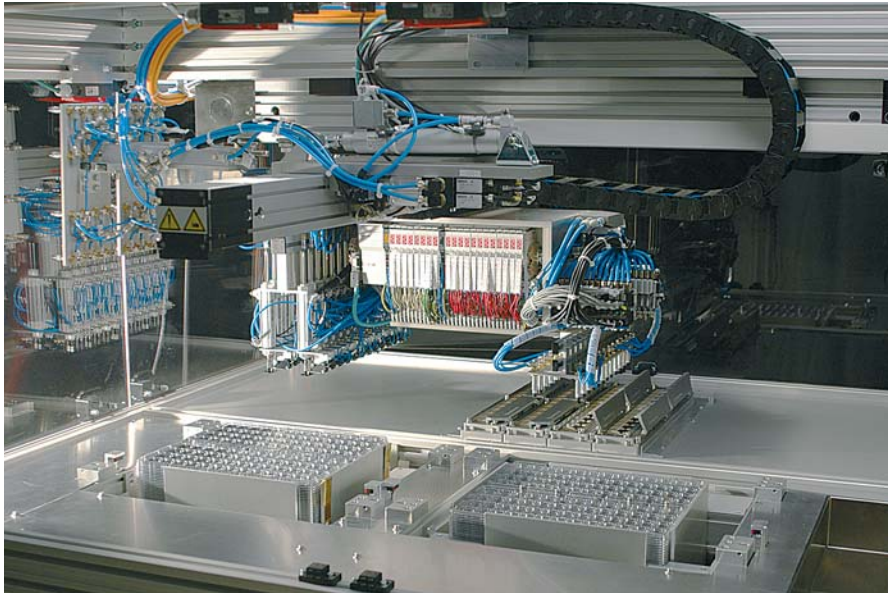
Hardware: – Dimensions WxHxD: 1700 x 1678 x 1400 mm – Weight ca. 650 kg; Low center of gravity – Contact pads for 48 x SD Card/MMC, microSD, RS-MMC	Connections – Power requirements 400 Volt / 50 Hz, 16 A – Compressed air ca. 4500 NI/min, max. 8 bar; working pressure 6 bar air quality DIN ISO 8573-1: 2001 class 3 or better
Environmental Specifications – Humidity 10% to 70%, non-condensing – Temperature +10° to +55°C (operating)	Performance – Data transfer rate 48 SD Cards à 64 MB in < 1 min.; 48 SD Cards à 512 MB in < 3 min.

altec ComputerSysteme GmbH
 Bayernstr. 10 · 30855 Langenhagen · Germany
 Phone +49-511-9 83 81-0 · Fax +49-511-9 83 81-49
 eMail: info@altec-cs.com
 Web: www.altec-cs.com

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 card copy machines

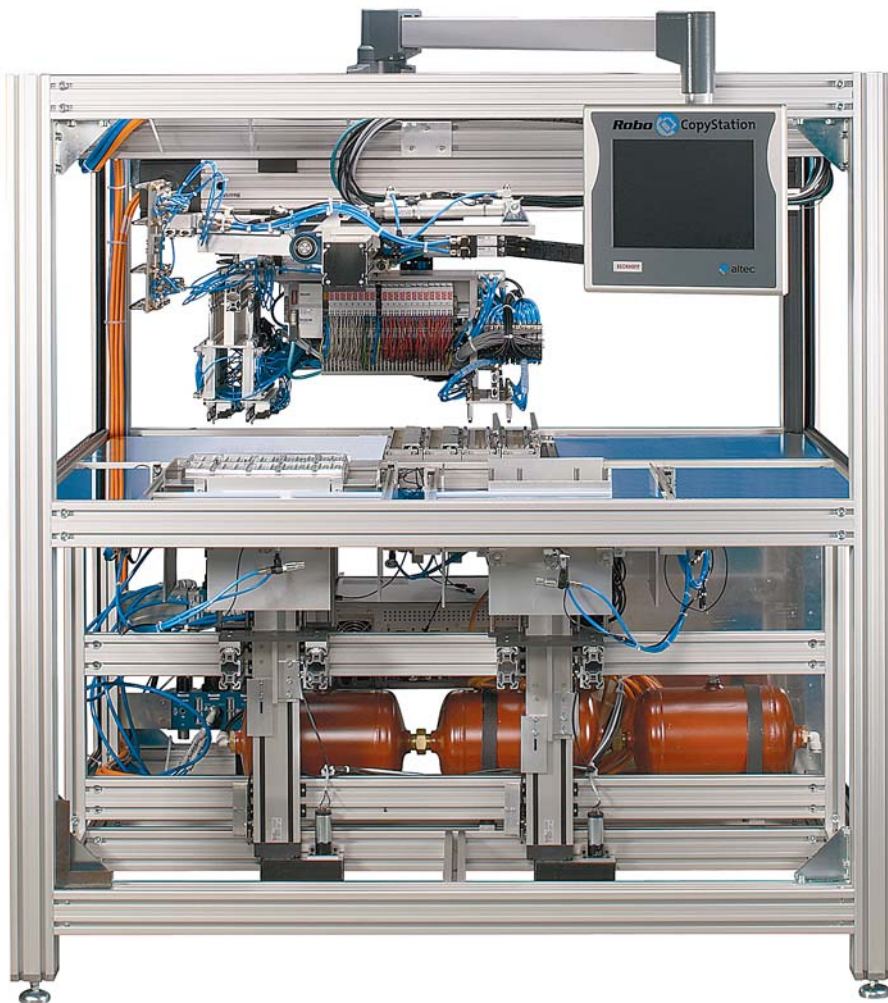
Additional information on the *Robo* CopyStation M2



Front left: Card trays with unprogrammed memory cards.

Front right: Card trays for receiving the programmed memory cards.

Rear right: Contact pads with pressure arms. The memory cards are automatically pressed against the contact pads during programming.



View of mechanical and pneumatic components below the worktable.