The ARIES Series
All-In-One Milling & Embedding

ARIES MME-04
Smart Card Milling & Embedding Machine

- Single Cavity Milling
- Module Embedding
- Automatic Changing Magazines
- Glue Tape Laminator
- Card Orientation Monitoring
- Cavity Depth Measurement
- Module Height Measurement
- Inline ATR Testing

Output: 3800+CPH
Voltage: 380VAC 50/60Hz
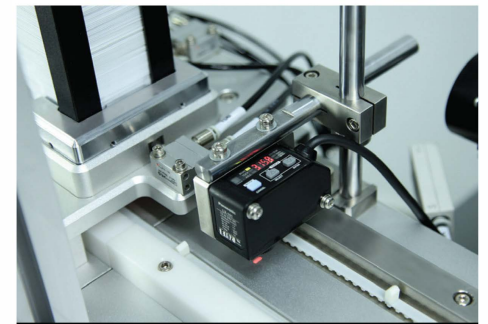**Power:** 7.5kW
Compressed Air: 6kg/cm² 150 L/min
Dims: [L]2480mm [W]830mm [H]1950mm
Multimedia: Ⓥ Video link

ARIES MME-04
Stations

ARIES MME-04
Card Orientation Sensor

Perfect for a wide range of smart card production needs where speed, flexibility, and high efficiency are required.

The MME-04 sets the standard for value, speed, and reliability in a turn-key smart card solution

Four Auto-Changing Magazines:
Optional configuration with auto changing dual magazine input and dual magazine output for maximum runtime.

Card Orientation: An optional sensor that ensures cards are loaded in the correct orientation and are of the correct version - preventing costly mistakes during production.

Cavity Milling: Two high speed milling stations for accurate, clean, cavities. Mitsubishi servo control for peak performance, milling accuracy and yield.

Glue Tape Laminator: Optional station for punching and laminating glue tape to the module tape.

Cavity Cleaning: Powerful cleaning station with a vacuum and rotating brushes ensure all cavities are free from milling debris.

Cavity Depth & Module Height Test: Optional inline precision gauges from Keyence accurately measure cavity milling depth and/or module height, ensuring high-quality production output.

Embedding Stations: Three hot-presses and one cold-press, designed to swing open for easy maintenance and tooling changes.

The MME-04 can be delivered with optional fourth hot-press station. Manual adjustment of pressure or optional PLC-controlled pressure with digital force indication.

Inline ATR Testing: Installed to ensure proper operation of modules after embedding.

Inline ATS Testing: Option available for dual-inteface card production.

Vision Inspection: Optional station for checking of module positioning and blemishes .