

Euclid E9000 Series - Automated Card Sorters



(Depicted E9004C)

The Euclid E9000 series has been developed to provide a system to carry out the automated sorting and quality verification of plastic cards into category, dependent upon a range of machine readable features.

In common with all Euclid products, this system is modular and can be ordered to provide any number of output conveyors. Scanning methods may include barcode, OCR, camera, smartcard etc.

The 9000 series is supplied mounted on its own stand. Application software specific to any project can be developed by Euclid, conversely a full communications specification with demo. software can be supplied to enable customer development of their own software.

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OPERATION

Cards automatically pass from the Input Hopper to the Scanning module where the machine readable feature is scanned. Under software control each card is ejected to the particular output conveyor. A feature of this system is that cards may be loaded / unloaded whilst the system is in operation.

A typical application is the sorting of ID cards and Driving Licences into Zip code areas.

HARDWARE STANDARD FEATURES

- ▲ Any number of output hoppers.
- ▲ 250* cards input hopper capacity / 300* cards output conveyor capacity.
- ▲ Available for both ID1 or ID2 card sizes.
- ▲ Will operate with a range of card materials, including paper cored.
- ▲ Throughput from 2,000 – 3,000 cards per hour dependent upon machine readable feature.
- ▲ Transport adjustable to suit card thicknesses in the range 250 to 750 micron.
- ▲ Straightforward, rugged build ensures long life and ease of servicing.

(* figures based upon 750 micron card)

ENVIRONMENTAL REQUIREMENTS

Operating Temperature 15 - 25 Degrees Celsius
Relative Humidity 20% - 85% non condensing

OPTIONAL FEATURES

- ▲ Non standard card sizes to order.
- ▲ Scanning methods include:
 - Camera
 - OCR reader
 - Barcode 1D and 2D
 - Smartcard
- ▲ Custom software development.

TECHNICAL SPECIFICATIONS

Height	110 cm
Width	130 cm
Depth	70 cm
Weight	72 kg
Power	220V / 50Hz – 110V / 60 Hz, 300W
MTBF	In excess of 5 million card passes.