

card perforation

punching machine for precise perforation of plastic cards in ISO-format according to the chip-bearer dimensions defined for the GSM standard

LOUDA SYSTEMS GSM Card Punch L-GSM

Shortly after the birth of the plastic card LOUDA SYSTEMS developed reliable high quality machines for the special requirements for producing security documents. Today LOUDA SYSTEMS are in a position to manufacture almost any machine required for producing plastic and ID cards that perfectly suits customer requirements. This wide spectrum of production and processing machinery is developed in such a way that customer specific demands, country- specific conditions as well as any requirements in terms of security, reliability, quality, precision and, last but not least, operating facility are always put into practice.

ISO 9001 standard and compatibility

The LOUDA SYSTEMS machine philosophy gives the user a maximum of functional reliability and efficiency. Requirements based on the ISO 9001 standard are included in the development of all machines.

LOUDA SYSTEMS ensure that the various production machines are compatible by providing a perfected magazine and trolley system. Between each production step there is a queuing line to store all the cards and sheets that can't be processed due to the different output capacities of every single machine. In this way it is possible to integrate most different procedures into a logical and controllable production sequence.

Functional Description

The cards are fed manually* into a hopper from which they are separated automatically. An air cushion ensures scratch free handling.

*(Optional: Automatic Feeding form a LOUDA Magazine)

In a guiding system the cards are transported to the punching head below which they are positioned accurately. During the One-Stroke Punching Process the perforation is applied and the debris discharged.

The finished cards are delivered either singled onto a transport belt or automatically stacked into a LOUDA Magazine (Option).

The control of the machine is designed as a touch screen panel operated in user-friendly dialogue. The electrical components are integrated in the housing for compact design.

Special Characteristics

- simple operation
- robust machine design
- long life time
- high performance rate

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Technical Data

Dimensions :	Length 136 cm; Width 115 cm; Height 198 cm;
In-feed format of cards:	ISO Standard
Connected load:	4 kVA approx.
Tolerance of punching position:	0.15 mm
Capacity:	up to 6000 cards/h

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