

Product Information

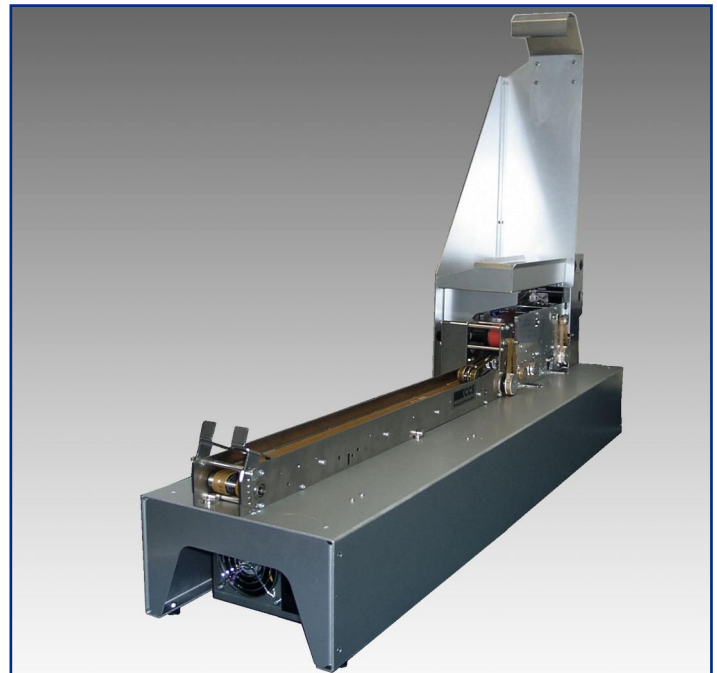
- Processing of magnetic data carriers with ISO track and/or smart cards
- Direct thermal printing on thermal-sensitive surfaces
- LOCO/HICO (ISO 2/3)
- Serial RS-232 interface
- Network compatible
- Possibility of adapting different muzzles and stackers of the KGB®-series
- Possibility of adapting different feeding modules of the KGB®-series

Produktinformation

- Verarbeitung magnetischer Datenträger mit ISO-Spurlage und/oder Chipkarten
- Direkter Thermodruck auf thermo sensitive Flächen
- LOCO/HICO (ISO 2/3)
- Serielle RS-232 Schnittstelle
- Netzwerkfähig
- Anschlussmöglichkeit verschiedener Mundstücke und Ablagesysteme der KGB®-Serie
- Anschlussmöglichkeinte verschiedener Papierzuführungsmodule der KGB®-Serie

Information sur le produit

- Traitement de titres à pistes magnétiques, ISO et/ou centrée et/ou cartes à puce
- Impression thermique directe sur supports thermosensitifs, impressions graphiques
- LOCO/HICO (ISO 2/3)
- Serial interface RS-232
- Network-compatible
- Possibilité d'adaptation de différents modules d'approvisionnement de la série KGB®
- Possibilité d'adaptation de différents modules d'introduction du papier rangement de la série KGB®



SINGLE TICKET ENCODING UNIT

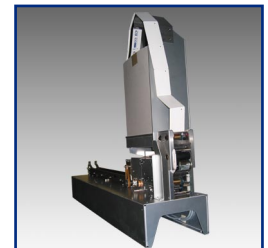
with thermal printing module

EINZELKARTEN KODIERANLAGE

mit Thermodruckmodul

SYSTEME DE CODAGE DES CARTES INDIVIDUELLES

avec module d'impression thermique



CCS Challenge Card Systems GmbH
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CCS
built-in reliability

Dimensions

W 240 mm H 780 mm D 1060 mm

Power Supply

Input: 85 V - 264 V AC / 47 Hz - 440 Hz
Output: 24 V DC / 200 W max. (5 V DC internal)

Cards

Thickness: 0.16 - 0.86 mm
Format: 54 x 85.6 mm/54 x 120 mm
Material: paper, compound, PVC

Card Transport Speed

Normal transport and magnetic processing: 350 - 500 mm/s
Printing depending on paper quality: 50 - 100 mm/s

Thermal Print Head

Type: Bevel
Resolution: 8 dot/mm
Max. print width: 48 mm

Character Set

Text and graphic printing

Interface

V.24/RS-232: 9600 to 115 200 Baud (RXD, TXD, GND)
Communication protocol on request

Environment

Range of temperature: 20 - 40 °C
Air humidity (RH): 30 - 70 %
non condensing
Vibration: 10 - 55 Hz
2 mm amplitude
along axis x, y and z
for max. 30 minutes

Coercivity

LOCO or HICO (2750 or 3500 Oe)

PC System

Standard PC with Windows operating system and optional application software
Ethernet interface, Multi RS-232 interface card

Magnetic Characteristics

Central track / ISO 1, 2, 3
F2F, others on request
ABA, IATA, THRIFT, others on request

Bit Densities

75 - 210 bpi, others on request

Integrable Modules

CCS 2005TPX KGB®: magnetic reader/writer/
thermal printer
CCS 4008-X01 KGB®: burster for leporello
fold paper tickets
CCS 4804 KGB®: single infeeder for
paper/PVC cards
CCS 4025 KGB®: stacker for single tickets

Maintenance and Service

Every month or every 300 000 tickets:
Check thermal head and magnetic head(s)
Every 2 months or every 500 000 tickets:
Check belts and photocells
Every 3 months or every 6 000 000 tickets:
Check motors and rollers

Reliability

MTBF*: > 20 000 h
MCBF*: > 200 000 tickets
MTTR: < 0.5 h in workshop

** without wear parts*

