

Product Information

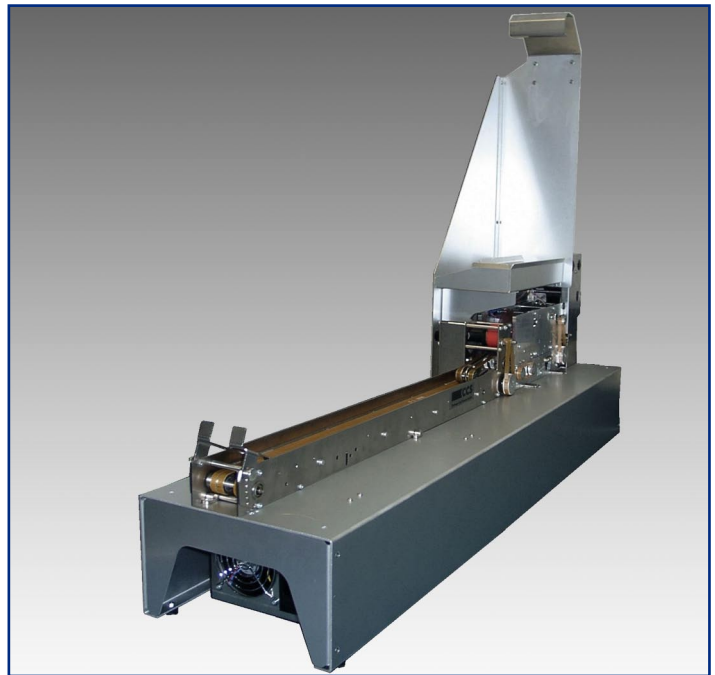
- Processing of magnetic data carriers with ISO track and/or smart cards
- Direct thermal printing on thermal-sensitive surfaces
- LOCO/HICO (ISO 2/3)
- Serial RS-232 interface
- Network compatible
- Possibility of adapting different muzzles and stackers of the KGB®-series
- Possibility of adapting different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

Información sobre el producto

- Transformación de soportes de datos magnéticos en ISO y/o tarjetas chip
- Impresión térmica directa en papel térmico
- LOCO/HICO (ISO 2/3)
- Interfaz serial RS-232
- Posibilidad de crear una red
- Posibilidad de conexión de diferentes boquillas y módulos de archivo de la serie CCS-KGB®
- Posibilidad de conexión de diferentes módulos de alimentación de papel de la serie CCS-KGB®

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

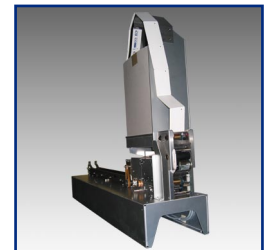
with thermal printing module

UNIDAD CODIFICADORA DE TARJETAS INDIVIDUALES

con módulos de impresión térmica

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 interace, 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*

