

Product Information

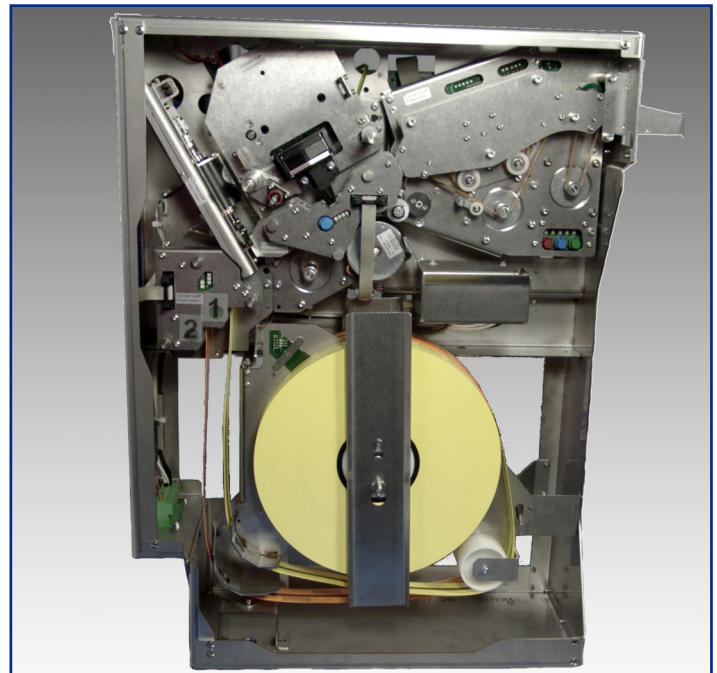
- Processing of magnetic tickets in Edmondson format with central track
- Impact printing on tickets
- 1 Bad Ticket facility
- Integrated ticket terminator
- 2 ticket reel holders with ticket monitoring
- Capacity up to 5 000 tickets (on reels)
- LOCO
- RS-232 interface
- Flash Memory

Información sobre el producto

- Transformación de tickets magnéticos en el formato Edmondson con pista central
- Impresión de agujas
- 1 Fichero para tickets defectos
- Ticket-terminator integrado
- 2 detentores para rollos de ticket con ticket-monitoring
- Capacidad de hasta 5 000 tickets (en rollo)
- LOCO
- RS-232 interfaz
- Flash Memory

Information sur le produit

- Traitement de titres à pistes magnétiques du type «Edmondson», piste centrale
- Impression impact sur papier
- 1 poubelle pour des tickets en panne
- Destructeur des tickets intégré
- 2 cadres supports pour tickets papier enroulé avec surveillance
- Capacité jusqu'à 5 000 tickets (bobine)
- LOCO
- Interface RS-232
- Flash Memory



EDMONDSON TICKET DISPENSER

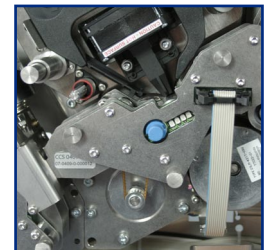
for point of sale (POS)

DISTRIBUIDOR DE TICKETS DE FORMATO EDMONDSON

para el punto de venta (POS)

EMETTEUR DE TICKETS DU TYPE «EDMONDSON»

pour point de vente



CCS Challenge Card Systems GmbH
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Germany
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Fax +49 (0)234 94391 - 99
info@ccs-cardtec.com
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CCS
built-in reliability

Dimensions / Weight

W 175 mm H 622 mm D 512 mm / 19.6 kg

Power Supply

24 V DC / 300 W max.

Tickets

Thickness: 0.25 mm
Format: 30 x 66 mm Edmondson
Material: paper

Ticket Transport Speed

Normal transport: 450 - 850 mm/s
With printing: 250 mm/s

Print Head

Type: matrix (28 needles)
Resolution: 3 dots/mm
Max. print height: 28 mm

Character Set

ASCII, 8 x 5 dots

Interface

V.24 / RS-232 bidirectional:
9 600 to 115 200 (default) Baud (RXD, TXD, GND)
Communication protocol on request

Environment

Range of temperature: 0 - 50 °C
Air humidity (RH): 20 - 80 %
non condensing

Microprocessor System

1 x ATMEL ATmega 1280 (Main Controller)
5 x ATMEL ATmega 16 (Stepper Motor Controller)
1 x ATMEL ATmega 1280 (Encoder Controller)

Memory

128 kB Flash Memory (Application)
512 kB RAM
32 kB EEPROM

Coercitivity

LOCO

Magnetic Characteristics

F2F, others on request
ABA, IATA, THRIFT, others on request

Ticket Detection Sensors

5 x photo sensor for feeder
4 x photo sensor for printer
8 x photo sensor for encoder
2 x hall sensor for ticket monitoring
2 x photo sensor for cutter

Maintenance and Service

Every 50 000 tickets:
check ink ribbon
Every 3 months or every 300 000 tickets:
check light barriers and magnetic heads
Every 6 months or every 500 000 tickets:
check belts and DC motors
Every 12 months or every 6 000 000 tickets:
check stepper motor and rollers

Reliability

MTBF*: > 20 000 h
MCBF*: > 200 000 tickets
MTTR: < 0,5 h in workshop

** without wear parts*

