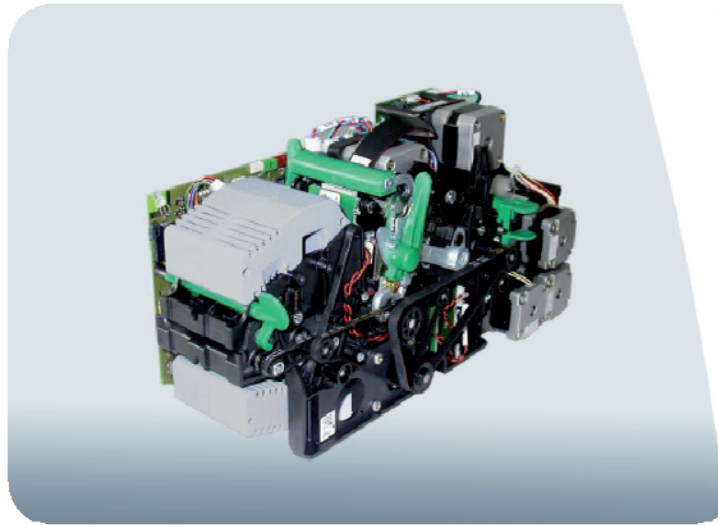


The **Coder Unlimited** is used for ISO compliant encoding of tickets up to four layers, regarding to ticket technology and environment. The integration of up to five different technologies in one device enables a processing of barcode tickets (2/4 layers), magnetic stripe tickets /-credit cards (1/2 layers), electronic purse (1 layer) and RFID-data carriers and receipts in one ticket slot.

The feeder is capable to draw in and cut off up to two ticket-types. Of course it is possible to feed other ticket-types manually. It is possible to handle three tickets parallel by two park- or ejector-positions. The Coder Unlimited can be customized individually to the requirements of the customer with functional and cost-effective options. Quality-assured in accordance with ISO 9001 standards.



APT450.Logic **Coder Unlimited** Parking. Logic

Functions

- Single ticket slot for 5 Ticket-technologies (internal cards ISO-standard 54 mm x 86 mm / 2.126" x 3.386")
 - Barcode „crosswise orientation“ (interleaved 2 / 5)
 - RFID – Data carriers /KeyCards (125 kHz / 13 MHz)
 - magnetic stripe cards(ISO 7811) 2- or 3 track
 - Barcode „lengthwise orientation“ (interleaved 2 / 5)
 - Chip Card (ISO 7816)
- ticket issuing speed (barcode)
 - 0,7 sec. anti-Tailback
 - 2,1 sec. pre production with full ticket imprint (=Standard mode)
 - max. 4,6 sec. from leporello with full ticket imprint
- ticket issuing speed (magnetic)
 - 0,7 sec. anti-Tailback
 - 2,4 sec. pre production with full ticket imprint (=Standard mode)
 - max. 4,8 sec. from leporello with full ticket imprint
- Tickets processing speed (barcode/magnetic) typ. 0.7 sec.
- Print-head with 300 dpi high-resolution.
- Printable using direct thermal print technology.
- Receipt issuing by thermal direct printing.
- Two separate Ticket-slots with automatic change-over.
- Simultaneous processing of up to three tickets.

Functions (continue)

- Very high reliability with a continuous ticket transport system.
- Automatically cleaning circle (can be initialize from the device)
- Easy and fast accessibility to the ticket-transport-area (< 5 sec.) for cleaning processes or trouble shooting.
- Automatically adjusting electronics for optimized ticket-processing.

Feeder Variants

Feeder Units	Feeder 1 + cutter	Feeder 2	Parkingposition 1	Parking position 2 + shunt
Feeder	X		X	
Feeder +	X		X	X
Double Feeder +	X	X	X	X

X ... component installed

Options for Basic Unit

- lengthwise barcode (upper / lower)
- crosswise barcode (upper / lower)
- Single 2-track magnetic head.
- Double 2-track magnetic head .
- Single 3-track magnetic head.
- Double 3-track magnetic head.
- Validation light barrier kit for recognizing validation punch holes.
- Chipcard reader.
- RFID with internal antenna.

Technical specifications

Data carriers	TK Unlimited, TKC Unlimited (barcode-/magnetic stripe-system-data carriers) keycard, key ticket (RFID- system-data carriers), TK450, TKC450, FP-Card with barcode, magnetic stripe ISO 7811, CHIP-Cards ISO 7816
Issuing speed (barcode)	up to 1700 tickets/hour
Issuing speed (magnetic)	up to 1500 tickets/hour
Dimensions	approx. 190 mm x 190 mm x 360 mm /7.480" x 7.480" x 14.173" (w x h x d)
Weight	up to 3 kg (6.61 lbs)
Operating temperature	0 °C to +60 °C (+32 °F to +140 °F)
Power supply	24 V DC / 4 - 6.5 A
Power consumption	min. 100 W, max. 150 W
Interface	USB 1.1
Standards	CE, FCC, CSA, UL (EN/UL 60950)

Coder Unlimited functions compared to Coder Basic

- Double fanfold stock intake
- Two Ticket Escrows (e.g. for usage of follow-up tickets)
- RFID data carriers (13 MHz, 125 kHz, ISO14443, NFC, ISO 15693)
- Credit cards, chip cards, magnetic stripe card.
- Lengthwise barcode.
- Replacement of the thermal print head without tools.
- Supported by Parking.Logic and APT450.Logic.
- Software-controlled, automatic cleaning procedure.
- Ticket length detection.
- Automatic regulation of the light barrier energies.