



ENGINEERING



ELTRASISTEMI HAS BEEN...IT IS NOW...WILL BECOME



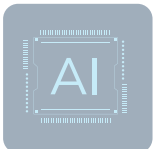
EL-TRA srl began its activity in 1970 with the production of professional transformers and digital magnetic heads, collaborating with strategic partners, such as OLIVETTI and URMET TELECOMUNICAZIONI.



Over the years the company specialized in the design and production of easy-to-maintain motorized machines, for the complete management of magnetic and optical securities, chip and contactless cards.



To date, company's solutions branded ELTRASISTEMI are among the most flexible in the market, by supporting multiple technologies like Magnetic, Barcode, RFID or CHIP suitable to different sectors such as PARKING, MOTORWAYS, PUBLIC TRANSPORTS and in recent years also KIOSKS.



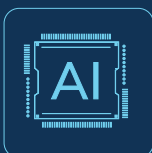
Thanks to ELTRASISTEMI's know-how, it is possible to produce "tailor-made" solutions for specific market needs.



ELTRASISTEMI's main goal is to satisfy the requests of each single partner by keeping an eye to technological evolution to be in conditions always to offer complete, intuitive, but above all reliable solutions able to create real tangible advantages.



The future challenge is to adapt its solutions to new digital technologies, making them smarter, designing and proposing software services that exploit new channels: mobile, web and cloud.



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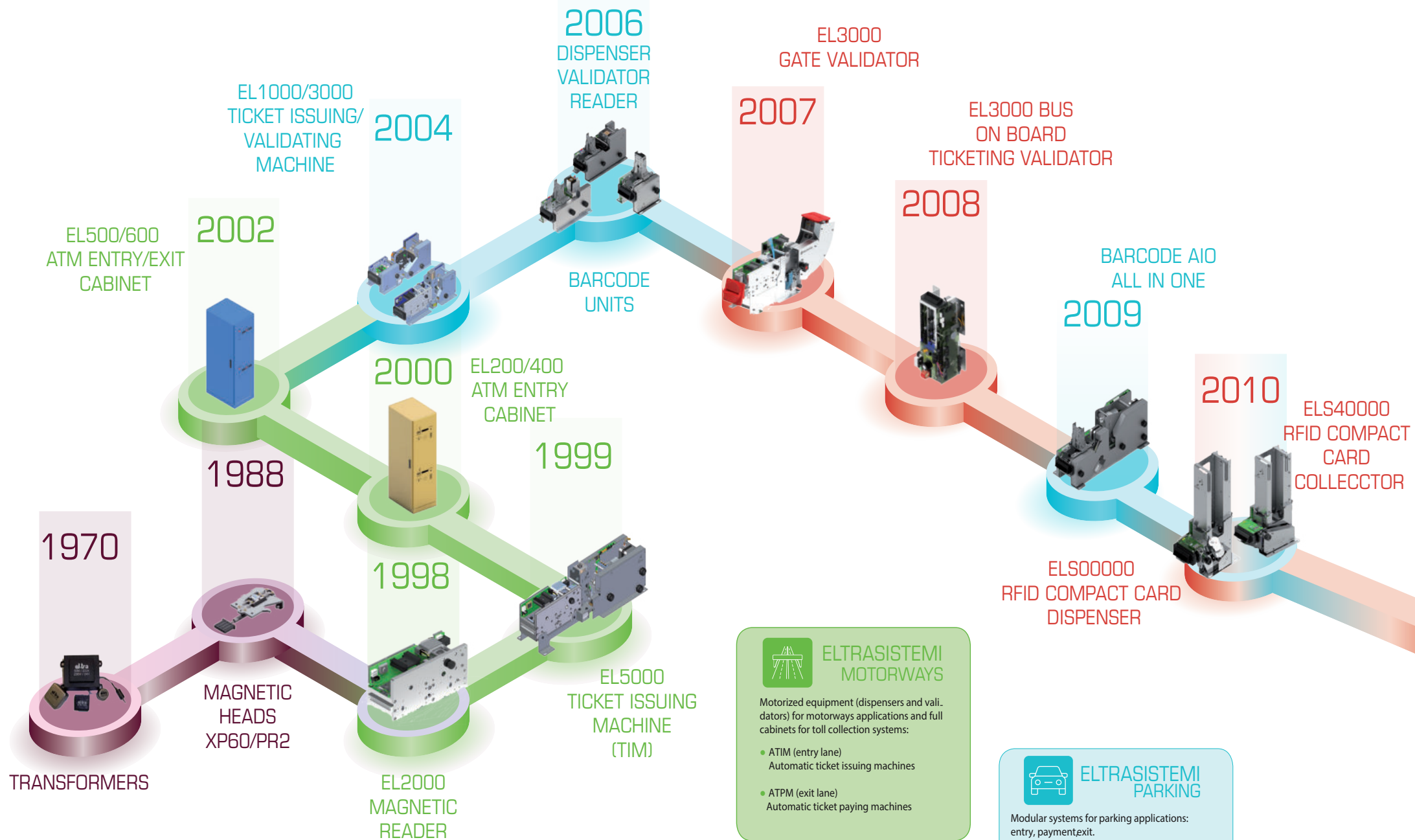
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ELTRASISTEMI MILESTONES



ELTRASISTEMI MOTORWAYS

Motorized equipment (dispensers and validators) for motorways applications and full cabinets for toll collection systems:

- ATIM (entry lane)
Automatic ticket issuing machines
- ATPM (exit lane)
Automatic ticket paying machines

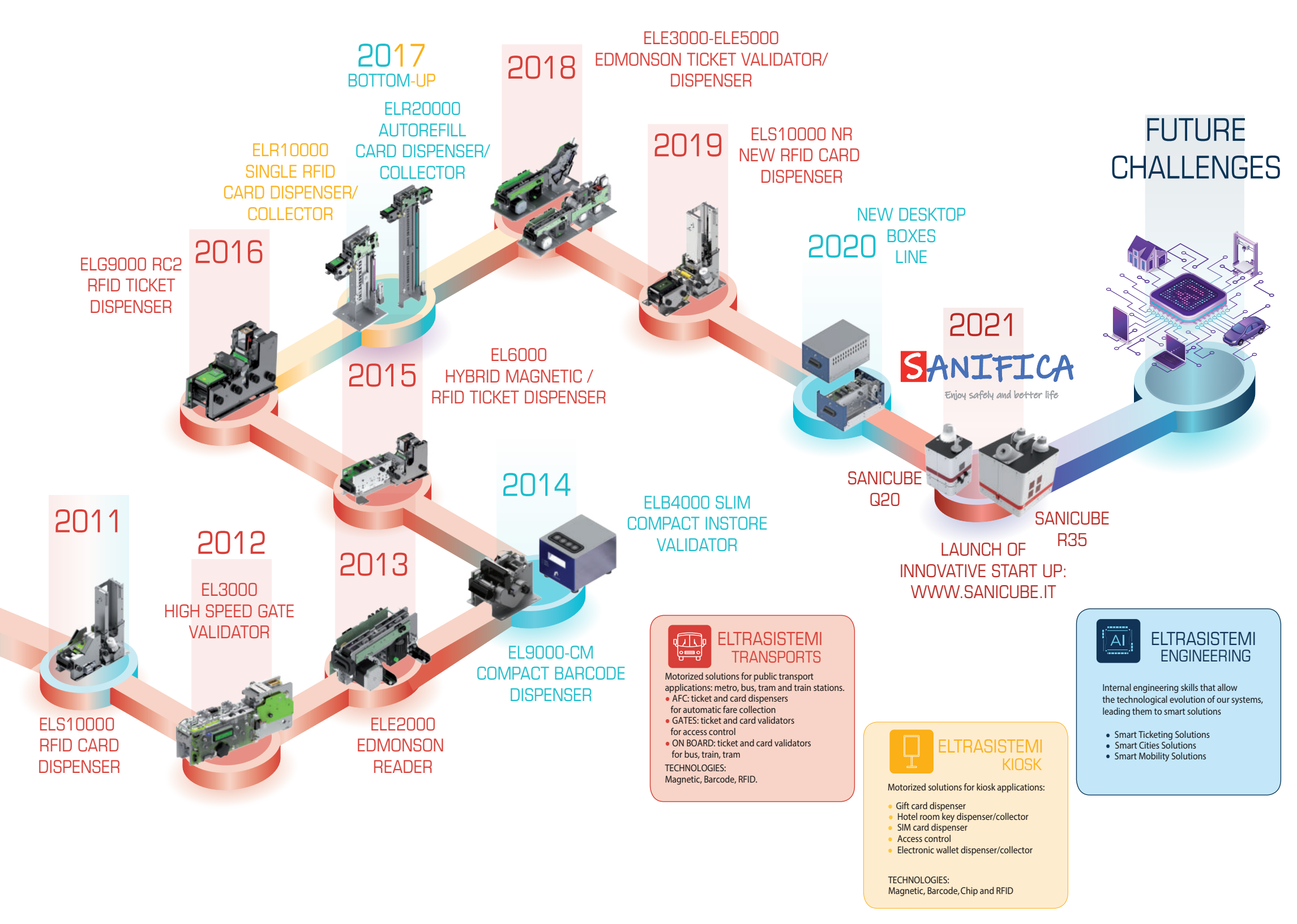


ELTRASISTEMI PARKING

Modular systems for parking applications: entry, payment, exit.

- Dispenser units
- Validating units
- Reading/encoding units

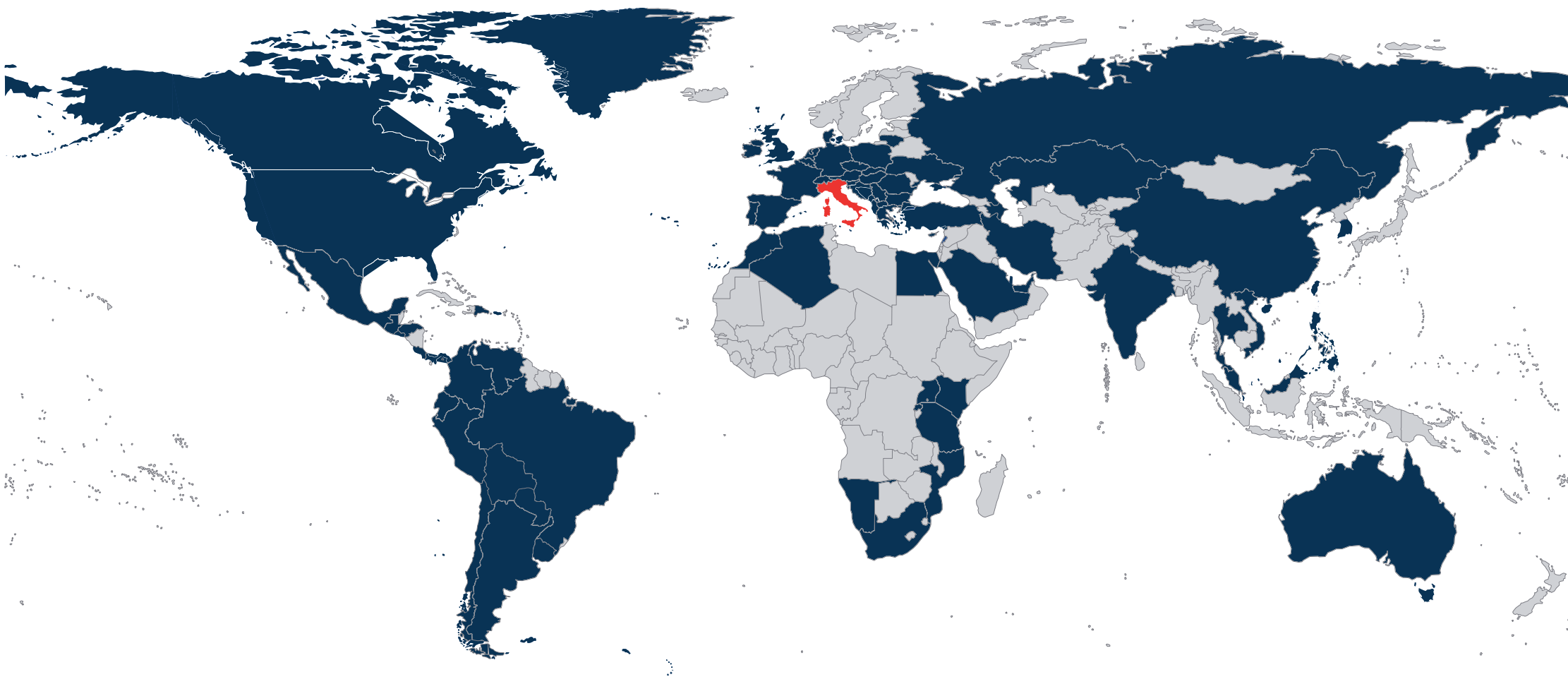
TECHNOLOGIES:
Magnetic, Barcode, Chip and RFID





ELTRASISTEMI IN THE WORLD

Born Italian, Growing Global!



ALBANIA
ALGERIA
ARGENTINA
AUSTRALIA
AUSTRIA
AZERBAIJAN
BELGIUM
BAHRAIN
BOLIVIA
BOSNIA
BRAZIL
BRUNEI
BULGARIA

CANADA
CHINA
CHILE
COLOMBIA
COSTA RICA
CROATIA
CZECH REPUBLIC
DENMARK
ECUADOR
EGYPT
EL SALVADOR
EMIRATES ARAB UNITED
FRANCE

GERMANY
GREECE
GUATEMALA
KAZAKHSTAN
HONDURAS
HONG KONG
HUNGARY
INDIA
IRAN
IRELAND
ITALY
LEBANON

LITHUANIA
KENYA
MACAU
MACEDONIA
MALAYSIA
MALTA
MOROCCO
MEXICO
MONTENEGRO
MOZAMBICO
NAMIBIA

NETHERLANDS
PANAMA
PARAGUAY
PERU
PHILIPPINES
POLAND
PORTUGAL
PUERTO RICO
QATAR
ROMANIA
RUSSIAN FEDERATION

RWANDA
SAUDI ARABIA
SANTO DOMINGO
SERBIA
SINGAPORE
SLOVAKIA
SLOVENIA
SOUTH AFRICA
SOUTH KOREA
SPAIN
SWITZERLAND

TANZANIA
TAIWAN
THAILANDIA
TURKEY
UGANDA
UKRAINE
UNITED KINGDOM
UNITED STATES OF AMERICA
URUGUAY
VENEZUELA
VIETNAM





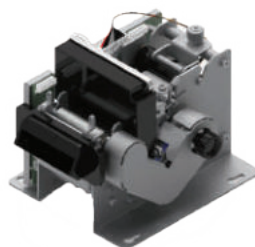
ELTRASISTEMI

PARKING

BARCODE LINE - ENTRY



2 MODELS
AVAILABLE

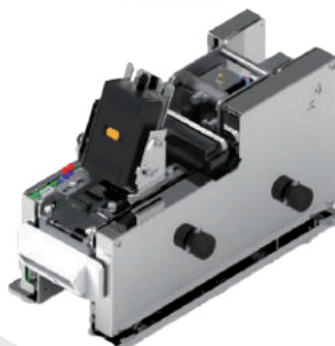


CBTD - EL9000-CM+SERIES

Compact barcode ticket dispenser

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE (<1.5 sec)
- NO CAPTURE FUNCTION
- NO SCANNER
- NO TICKET INSERTION FROM MOUTH
- RFID: PROXIMITY only



BTD - EL9000 SERIES

Barcode ticket dispenser

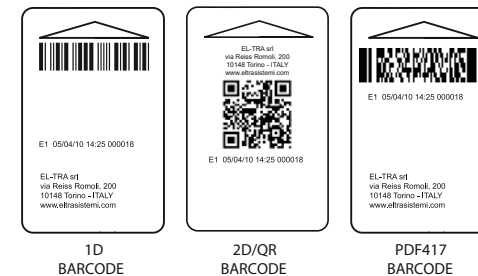
MAIN FUNCTIONALITIES

- TICKET ISSUE
- VERIFY FUNCTION (scanner included)
- RETAIN + CAPTURE FUNCTION
- TICKET INSERTION FROM MOUTH
- RFID: PROXIMITY or INSERTION

BARCODE LONGITUDINAL



BARCODE TRANSVERSAL



BOTH LAYOUTS
AVAILABLE

LONGITUDINAL (landscape)

TRANSVERSAL (portrait)

- MOTORIZED BARCODE EQUIPMENT (DISPENSER, VALIDATOR, READER)
- EASY TO CONFIGURE: CCD, LASER, IMAGE x 1D & 2D BARCODES or OMNIDIRECTIONAL SCANNER
- LOGO AND GRAPHICS PRINTING

- CAPTURE MECHANISM
- BLACK PLASTIC MOUTH: standard or "anti-rain" position
- INTERFACE: RS232/RS485 + USB (Optional: ETHERNET)

- OPTIONAL:
 - RFID (MIFARE 14443A/B or 15693) and NFC
 - MOUTH COLOR: green, white, red
 - MOUTH w/LEDs (green & red)



BARCODE LINE - EXIT



1 MODEL AVAILABLE



BTR - EL0000 SERIES
Barcode ticket reader

MAIN FUNCTIONALITIES

- TICKET READER
- CAPTURE FUNCTION
- RFID: PROXIMITY or INSERTION

BARCODE LONGITUDINAL



BARCODE TRANSVERSAL



1D
BARCODE

2D/QR
BARCODE

PDF417
BARCODE

OPTIONAL:

- TICKET DAMAGE MECHANISM
- DOUBLE SCANNER INTEGRATION
x 4 ways reading
- MOUTH COLOR: green, white, red
- MOUTH w/LEDs (green & red)

BARCODE LINE - PAY STATION



ELB
DESKTOP
BOX SERIES
ELB9000 or ELB4000



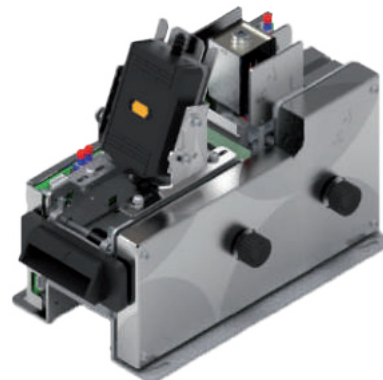
BARCODE LONGITUDINAL



BARCODE TRANSVERSAL



COMPACT
IN-STORE
VALIDATOR



BTV: EL4000 SERIES
Barcode ticket validator

MAIN FUNCTIONALITIES

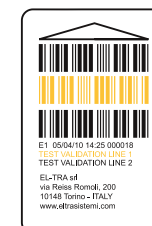
- TICKET READ & PRINT
- CAPTURE FUNCTION W/AIO
- LOST TICKET FUNCTION
- RFID: PROXIMITY or INSERTION



MBTV: EL4000-SLIM SERIES
Merchant barcode ticket validator

MAIN FUNCTIONALITIES

STAND ALONE UNIT
COMPACT VALIDATOR x STORE
DISCOUNT
UP TO 4 DISCOUNTS AVAILABLE

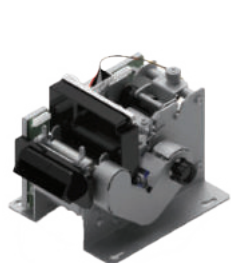




BARCODE LINE - ALL-IN-ONE



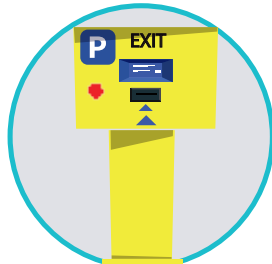
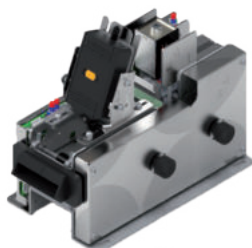
CBTD - EL9000-CM+ SERIES
Compact barcode ticket dispenser



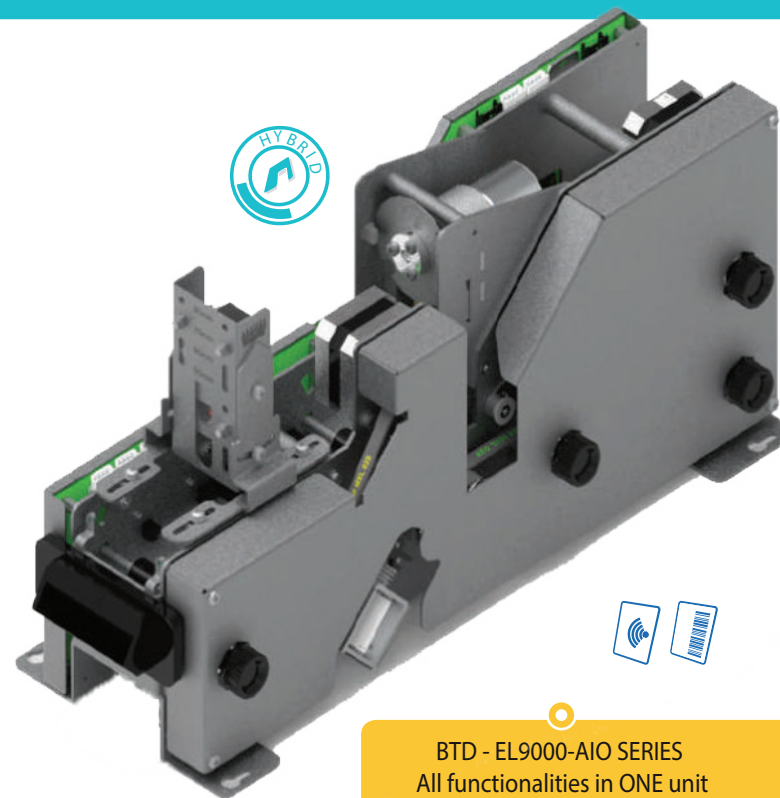
BTD - EL9000 SERIES
Barcode ticket dispenser



BTV - EL4000 SERIES
Barcode ticket validator



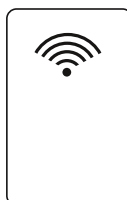
BTR - EL0000 SERIES
Barcode ticket reader



BTD - EL9000-AIO SERIES
All functionalities in ONE unit
Dispenser + Validator + Reader



BARCODE
LONGITUDINAL



RFID - MIFARE A



BARCODE
TRANSVERSAL



2D/QR
BARCODE



1D + QR
BARCODE



PDF417
BARCODE

- MOTORIZED BARCODE EQUIPMENT (DISPENSER+VALIDATOR+READER)
- FAST PRINTING
- LOGO AND GRAPHICS PRINTING
- LASER SCANNER (DEFAULT)
- DOUBLE FEEDING MECHANISM FOR ROLL OR FANFOLD TICKETS
- CAPTURE MECHANISM
- PARKING SPACE TO MANAGE DISCOUNT COUPONS AND PAYMENTS
- OPTIONAL : RFID (MIFARE, DESFIRE, CALYPSO ETC.) and/or MAGNETIC ISO2/3 (only reading)

RFID LINE - BOTTOM/UP

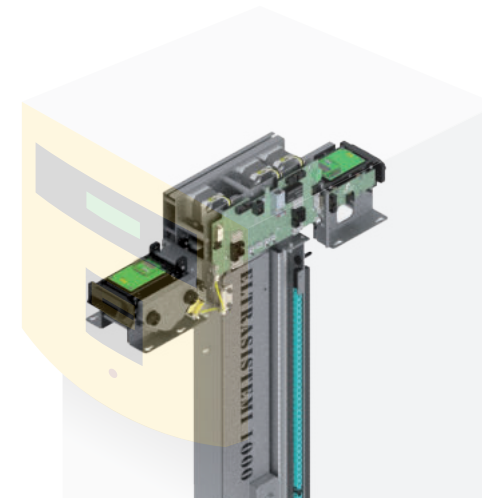


SINGLE RFID CARD
DISPENSER

ENTRY

AUTO REFILL CARD
DISPENSER/COLLECTOR

ENTRY + EXIT



NEW MODULAR RFID/MAGNETIC/CHIP
CARD DISPENSER

w/ bottom-up stacker of high
capacity for up to 1.000 Cards (0.76mm)

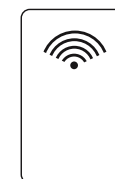
VERY FLEXIBLE SOLUTION THANKS TO
COMBINATION WITH OTHER DEVICES
FROM CARD DISPENSER LINE

- CAPTURE FUNCTION
- READER/ENCODER MOD
- RFID READER/ENCODER
- EASY ADJUSTMENT UPON CARD THICKNESS
- INTERFACE: RS232 + USB
(ETHERNET – optional)
- FULL/EMPTY STATUS SENSORS
- HEAVY JOB: OVER 10.000 CARDS x DAY

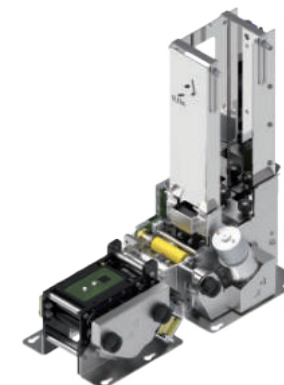


RFID LINE

RFID TECHNOLOGY
To issue seasonal passes,
membership or temporary cards



RFID - MIFARE 14443A/B
MIFARE 15693



CCD - ELS00000 SERIES
Compact Card Dispenser + RFID

MAIN FUNCTIONALITIES

- RFID CARD DISPENSER
- CARD ENCODER
- NO CAPTURE FUNCTION
- NO TICKET INSERTION FROM MOUTH



CCR - EL0000 SERIES
Compact card reader + RFID

MAIN FUNCTIONALITIES

- CARD READER
- CAPTURE FUNCTION
- RFID: PROXIMITY or INSERTION



CDU - ELS10000 SERIES
Card Dispenser unit
w/capture + RFID

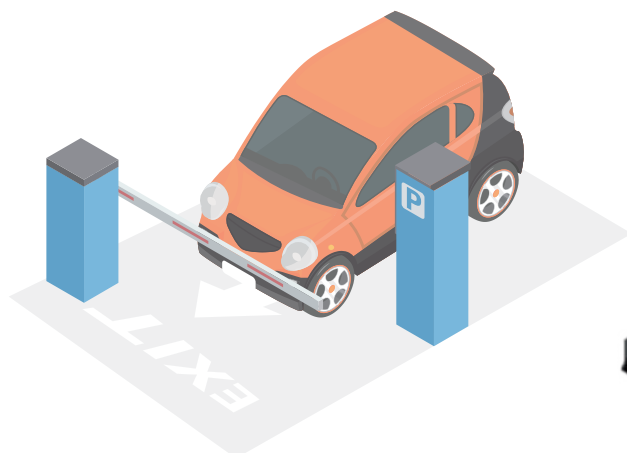
MAIN FUNCTIONALITIES

- RFID CARD DISPENSER
- CARD ENCODER
- CAPTURE MECHANISM
- CARD INSERTION FROM MOUTH
- CARD READER
- RE-LOADING FUNCTION

CCC - ELS40000 SERIES
Compact Card Collector RFID

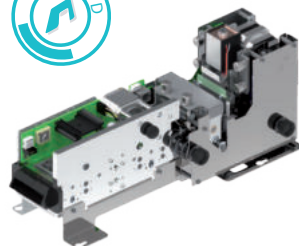
MAIN FUNCTIONALITIES

- CARD READER
- CARD COLLECTOR
- RFID: PROXIMITY or INSERTION



Removable cartridge
for 150/300/500/600 cards (thickness = 0.76mm)

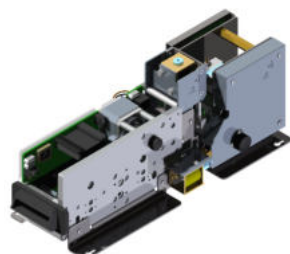
MAGNETIC LINE



CTIM - EL6000 SERIES Compact ticket issuing machine

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE (1.5 sec)
- VERIFY FUNCTION
- DOUBLE FEEDING MECHANISM
- TICKET INSERTION FROM MOUTH
- CREDIT/DEBIT CARD PAYMENT
- RFID: PROXIMITY or INSERTION



TPM - EL3000 SERIES Toll payment machine

MAIN FUNCTIONALITIES

IN ALTERNATIVE TO EL2000 SERIES

- TO PRINT ON TICKET
- TO PARK TICKET
- TO MANAGE DISCOUNT COUPONS

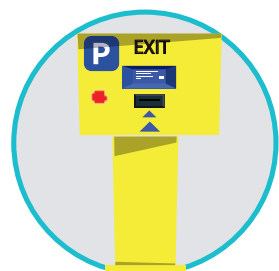


MAGNETIC CENTRAL
6.3 mm



MAGNETIC ISO
12.7 mm

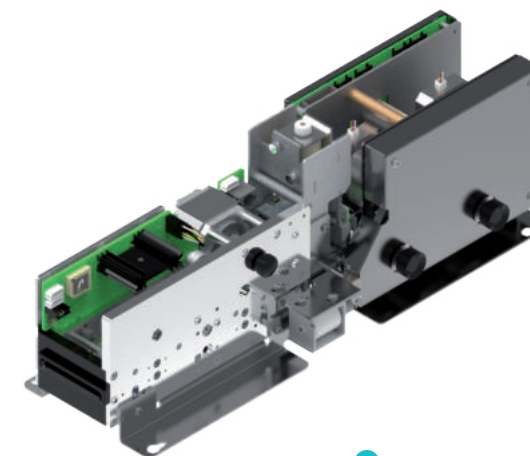
THERMAL PRINTER
AND DOT PRINTER
MODELS AVAILABLE



EL2000 SERIES Reader/Encoder module

MAIN FUNCTIONALITIES

- TICKET READER/ENCODER
- CAPTURE FUNCTION
- CREDIT /DEBIT CARD PAYMENT
- RFID: PROXIMITY or INSERTION



TIM - EL1000 SERIES Ticket issuing machine

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE (1.5 sec)
- VERIFY FUNCTION
- RETAIN + CAPTURE FUNCTION
- TICKET INSERTION FROM MOUTH
- PARKING FUNCTION
- CREDIT/DEBIT CARD PAYMENT
- RFID: PROXIMITY or INSERTION



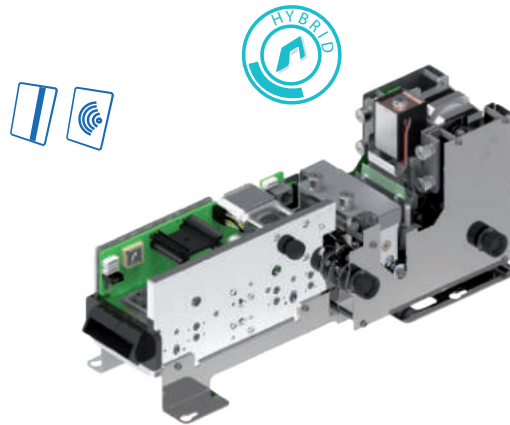
ELTRASISTEMI

MOTORWAYS

MOTORWAYS - ENTRY LANE



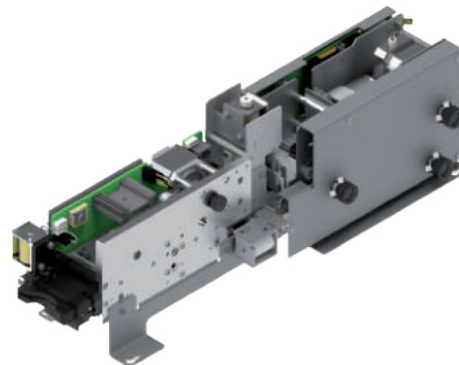
2 MODELS
AVAILABLE



CTIM - EL6000 SERIES
Compact ticket issuing machine

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE (1.5 sec)
- VERIFY FUNCTION
- DOUBLE FEEDING MECHANISM
- TICKET INSERTION FROM MOUTH
- CREDIT/DEBIT CARD PAYMENT
- RFID: PROXIMITY or INSERTION



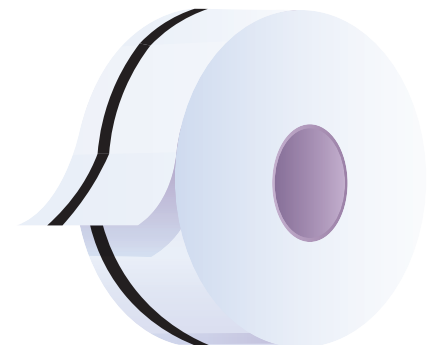
TIM - EL5000 SERIES
Ticket issuing machine

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE (1.5 sec)
- VERIFY FUNCTION
- RETAIN + CAPTURE FUNCTION
- TICKET INSERTION FROM MOUTH
- PARKING FUNCTION
- CREDIT/DEBIT CARD PAYMENT
- RFID: PROXIMITY or INSERTION
- DOUBLE FEEDING MECHANISM
- 85.60-120mm TICKET COMPATIBILITY



ATIM - EL200/400 SERIES
Automatic ticket issuing machine



ROLL TICKETS

- MOTORIZED MAGNETIC EQUIPMENT
- DISPENSER, VALIDATOR, READER FUNCTIONALITIES
- DOT MATRIX: (longitudinal and transversal) or THERMAL PRINTER available
- EASY INTEGRATION w/other technologies: BARCODE, RFID, IC CARDS
- Any magnetic configuration available: track 1, 2, 3, Central and double Central

OPTIONALS:

- RFID (MIFARE 14443A/B or 15693) and NFC
- RFID (CALYPSO, FELICA)
- MOUTH w/LEDS (green & red)
- MOUTH COLOR: green, white, red



MOTORWAYS - EXIT LANE



2 MODELS AVAILABLE



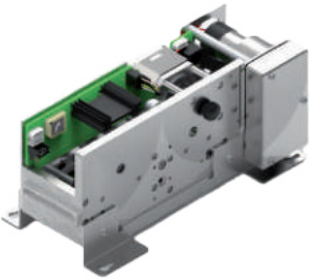
EL2000 SERIES
Reader/Encoder module

MAIN FUNCTIONALITIES

- TICKET READER/ENCODER
- CAPTURE FUNCTION
- CREDIT/DEBIT CARD PAYMENT
- RFID: PROXIMITY or INSERTION



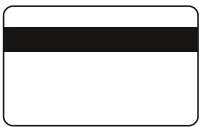
ELB - DESKTOP BOX SERIES
Manual entry lane



EL7000 SERIES
Reader/Encoder module
with shredder device



SIZE
120 mm



MAGNETIC ISO
12.7 mm



MAGNETIC CENTRAL
6.3 mm

- MAGNETIC TICKET: FANFOLD or ROLL PAPER
- TICKET SIZE 85.60 mm - 120 mm
- STANDARD: ISO/TRANSAC
- COERCIVITY : HI-CO /Lo-Co

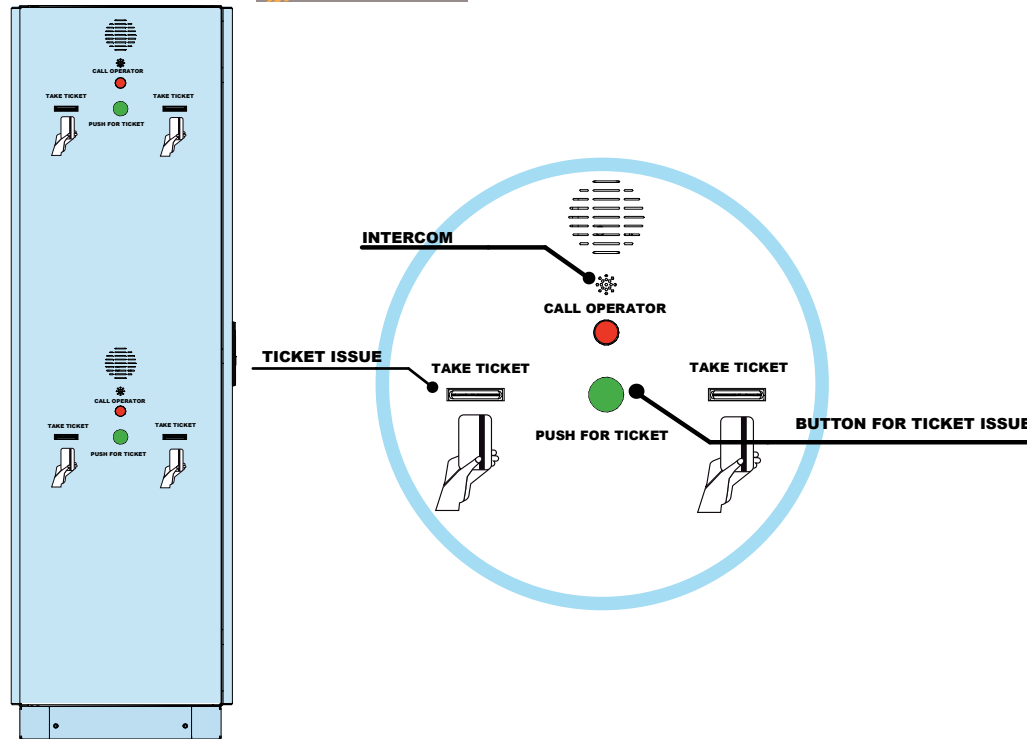


ATPM - EL500/600 SERIES
Automatic toll payment machine

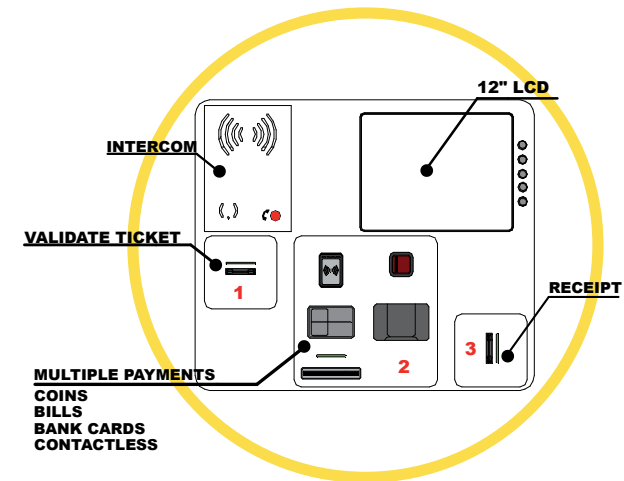
MOTORWAYS - ATIM - ATPM



ATIM - EL200/400 SERIES
Automatic ticket issuing machine



ATPM - EL500/600 SERIES
Automatic toll payment machine



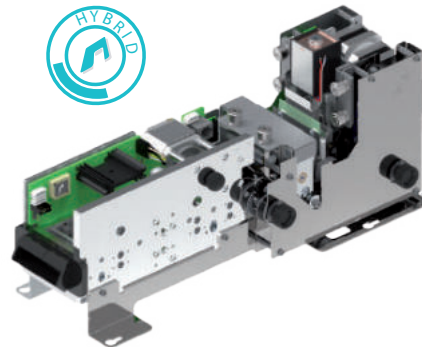


ELTRASISTEMI
TRANSPORTS

MAGNETIC LINE - ISO STANDARD



2 MODELS
AVAILABLE



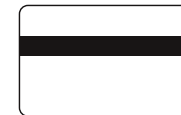
CTIM - EL6000 SERIES
Compact ticket issuing machine

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE (1.5 sec)
- VERIFY FUNCTION
- DOUBLE FEEDING MECHANISM
- TICKET INSERTION FROM MOUTH
- CREDIT/DEBIT CARD PAYMENT
- RFID: PROXIMITY or INSERTION

MAGNETIC TECHNOLOGY

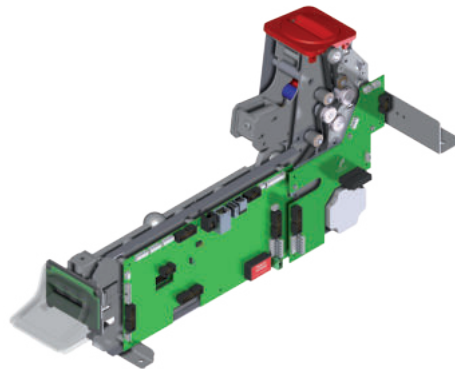
To issue single or round-trip tickets



MAGNETIC
ISO 12.7 mm



MAGNETIC CENTRAL
6.3 mm



TVM - EL3000 SERIES
High Speed Validator
x train/metro stations w/printer

TVM - EL3000-BUS

TVM - BUS SERIES
Ticket/Card validating machine

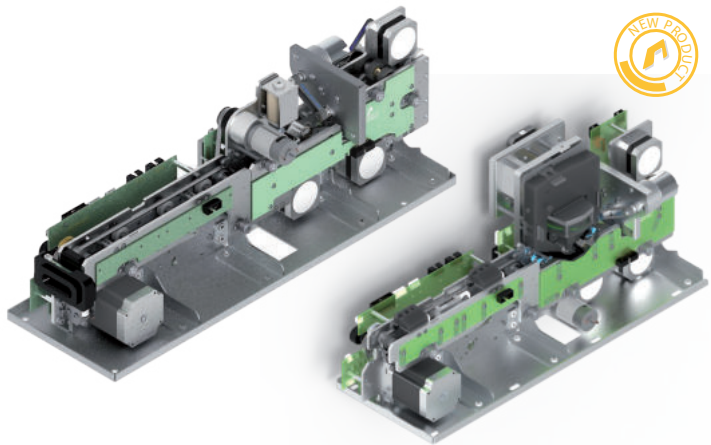




EDMONSON STANDARD

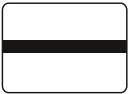


3 MODELS
AVAILABLE

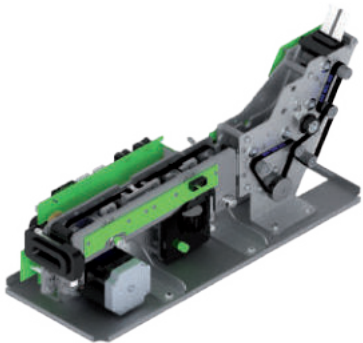


MAGNETIC TICKETS

Edmonson format



MAGNETIC CENTRAL
6.3 mm



ETIM - ELE5000 SERIES
ELE5000 28MDP SERIES
Edmonson Ticket issuing machine

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE (1.5 sec)
- VERIFY FUNCTION
- RETAIN + CAPTURE FUNCTION
- TICKET INSERTION FROM MOUTH
- PARKING FUNCTION
- TICKET DAMAGE MECHANISM (optional)
- MOUTH WITH SHUTTER (optional)
- DOUBLE PRINTING MECHANISM (optional)
- IN LINE 28 MOTORIZED DOT PRINTER
- CUTTER BLADES WITH KEEN SELF SHARPENING
- THERMAL OR DOT PRINTER

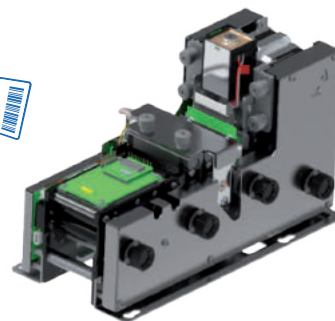
EGVM - ELE3000 SERIES

Edmonson Gate Validating Machine
for metros station with
dot matrix printer + RFID (optional)

RFID LINE - AFC (Automatic Fare Collection)



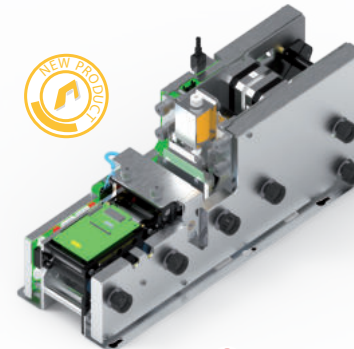
4 MODELS AVAILABLE



RPTD - ELG9000-RC2 TP SERIES
RFID Paper Ticket Dispenser

MAIN FUNCTIONALITIES

- FAST TICKET ISSUE
- RFID PAPER TICKET
- W/ CENTRAL CAPTURE MECHANISM
- THERMAL PRINTER
- DOUBLE FEEDER

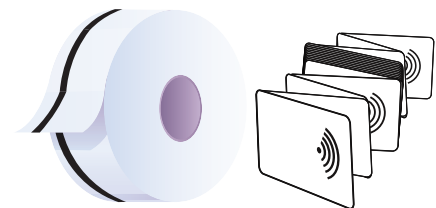


RPTD - ELG9000-RC4 TP SERIES
RFID Paper Ticket Dispenser

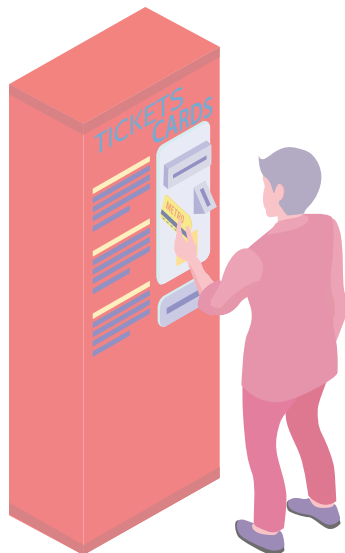
MAIN FUNCTIONALITIES

- FAST TICKET ISSUE
- RFID PAPER TICKET
- W/ CENTRAL CAPTURE MECHANISM
- THERMAL PRINTER
- FOUR FEEDER

RFID PAPER TICKETS AVAILABLE IN ROLL, FAN FOLD or PRE-CUT (MIFARE Ultralight):



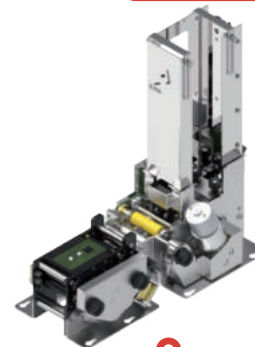
RFID - MIFARE 14443A/B
MIFARE 15693



CCD - ELS00000 SERIES
Compact Card Dispenser + RFID

MAIN FUNCTIONALITIES

- RFID CARD DISPENSER
- CARD ENCODER
- NO CAPTURE FUNCTION
- NO TICKET INSERTION FROM MOUTH

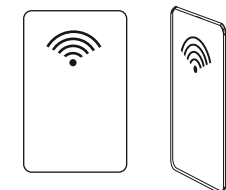


CDU - ELS10000 SERIES
Card Dispenser unit
w/capture + RFID

MAIN FUNCTIONALITIES

- RFID CARD DISPENSER
- CARD ENCODER
- CAPTURE MECHANISM
- CARD INSERTION FROM MOUTH
- CARD READER
- RE-LOADING FUNCTION

OR RFID PVC



Removable cartridge
for 300/500/600/1000 cards (thickness = 0.76mm)



RFID LINE - GATES



2 MODELS AVAILABLE



ELG0000 SERIES
RFID card reader / encoder

MAIN FUNCTIONALITIES

- CARD READER
- CAPTURE FUNCTION
- RFID: PROXIMITY or INSERTION



ELG0000-DC SERIES
RFID card reader / encoder

MAIN FUNCTIONALITIES

- CARD READER
- DOUBLE CAPTURE FUNCTION
- RFID: PROXIMITY or INSERTION

RFID TECHNOLOGY
Seasonal passes, membership or temporary cards in single unit

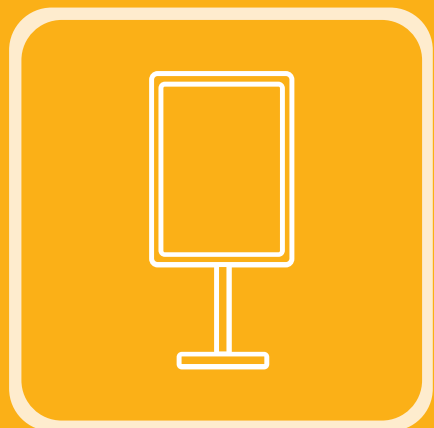


RFID - MIFARE 14443A/B
MIFARE 15693
NFC

- MOTORIZED RFID CARD READER / ENCODER
- BLACK PLASTIC MOUTH: standard or "anti-rain" position
- CARD INSERTION FROM MOUTH
- SINGLE or DOUBLE CAPTURE MECHANISM

- RFID MODULE INTEGRATED
- RFID STANDARDS: mifare, desfire, calipso, felica, NFC
- INTERFACE: RS232/RS485 + USB

OPTIONAL:
- MOUTH W/ LEDS
- ETHERNET
- MOUTH COLOR: green, white, red



ELTRASISTEMI

KIOSK



RFID CARD - DISPENSERS



3 MODELS
AVAILABLE



CCD - ELS00000 SERIES
Compact Card Dispenser + RFID

MAIN FUNCTIONALITIES

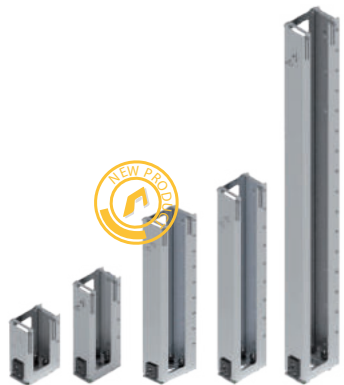
- RFID CARD DISPENSER
- CARD ENCODER
- NO CAPTURE FUNCTION
- NO TICKET INSERTION FROM MOUTH



CDU - ELS10000 SERIES
Card Dispenser unit
w/capture + RFID

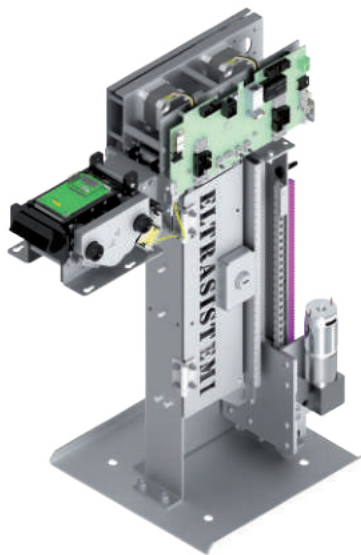
MAIN FUNCTIONALITIES

- RFID CARD DISPENSER
- CARD ENCODER
- CAPTURE MECHANISM
- CARD INSERTION FROM MOUTH
- CARD READER
- RE-LOADING FUNCTION



Removable cartridge

for 150/300/500/600/1000 cards (thickness = 0.76mm)



CDU - ELR10000 SERIES
Auto refill card dispenser/collector
very innovative and flexible
solution

MAIN FUNCTIONALITIES

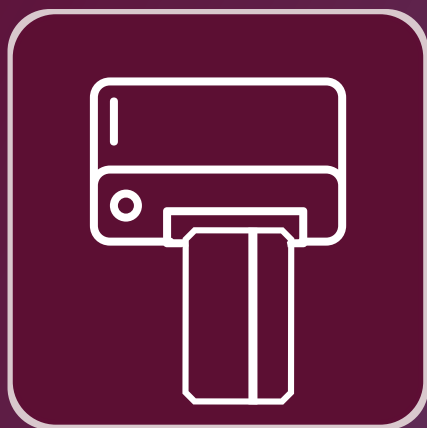
- CAPTURE FUNCTION
- READER/ENCODER MODULE
- RFID READER/ENCODER
- EASY ADJUSTMENT UPON CARD THICKNESS
- INTERFACE: RS232 + USB
(ETHERNET-optional)
- FULL EMPTY STATUS SENSOR
- HEAVY JOB: OVER 10.000 CARDS x DAY



CARTRIDGE

for 300 / 500 / 1000 cards (thickness = 0.76mm)





ELTRASISTEMI

MAGNETIC HEADS



ELTRASISTEMI

TICKETING



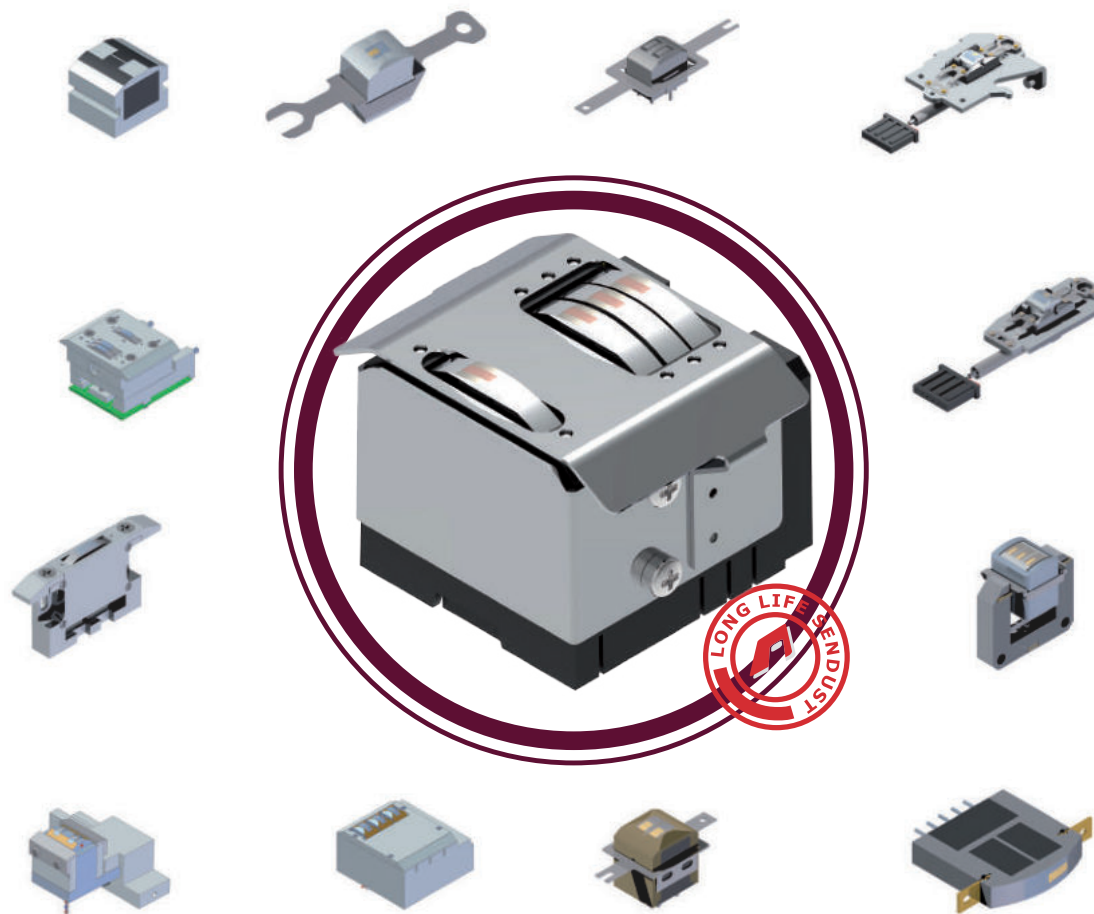
DIGITAL MAGNETIC HEADS

Magnetic heads for several applications:

- Banking & Financial
- Parking
- Toll systems
- Access control
- Transportations
- Telephony

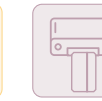
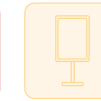
100% Long Life Sendust

Material	Hardness	Type	Transactions
SENDUST	600 HV	Long Life	2.000.000
Hd- μ Metal	300 HV	Medium Life	1.000.000
μ Metal	180 HV	Low Life	300.000

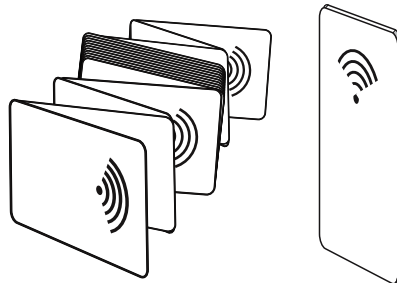


+ 2.000.000 transactions guaranteed

+ 20 MILLIONS TICKETS SUPPLIED x YEAR
Ticket certified by ELTRASISTEMI



RFID TICKETS/ PVC CARDS



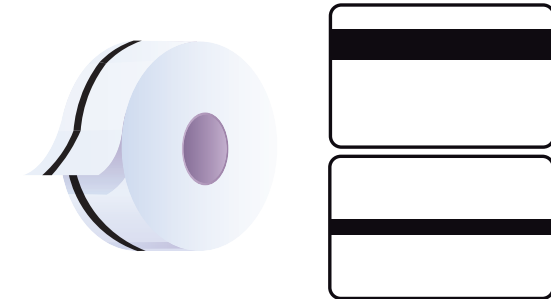
Thermal Ultra light

BARCODE TICKETS



Thermal 180g/m2 white

MAGNETIC TICKETS



161g/ m 2 eco w/ mag6.3-12mm mag stripe
180g/ m 2 Thermal w/ mag 6.3-12.7mm magstripe

MAIN CHARACTERISTICS

RFID

Size: 53,8x86,5mm
Type: Top Coat
Borders: rounded
Connections: double or single
Folding: after 2 or 3 tickets
Box: 500 tickets 9x5x44h cm
Available also pre-cut

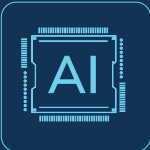
BARCODE

Size: 53,8x86,5mm
Type: Top Coat, Semi-Top Coat
Borders: rounded
Connections: double
Folding: after 2 or 3 tickets
Box: 5.000 tickets 26x6x34h cm
Master: 20.000 tickets 27x25x37h cm

MAGNETIC

Size: 53,8x86,5mm
Type: Top Coat, Semi-Top Coat, Eco
Coercivity: Lo-Co or Hi-Co
Borders: rounded, sharp
Connections: double, single
Folding: after 2 or 3 tickets
Box: 5.000 tickets 39x6x28,5h cm
Master: 20.000 tickets 40x30x30h cm

All tickets can be customized on both sides
Available also in roll or pre-cut



NOTES

EL series



DESCRIPTION	SIZE (LxWxH)	FUNCTIONALITY			TECHNOLOGY				
		DISPENSER	VALIDATOR	READER	MAG	BARCODE	RFID	CHIP	PRINTER
ALL-IN-ONE	365x142x185mm	✓	✓	✓	✓	✓	✓	—	THERMAL
EL9000-CM+	165x124x118mm	✓	—	—	—	✓	✓**	—	THERMAL
EL9000	255x124x142mm	✓	—	✓	—	✓	✓	—	THERMAL
EL4000	210x124x160mm	—	✓	✓	—	✓	✓	—	THERMAL
EL0000	115x124x140mm	—	—	✓	—	✓	✓	—	—

*mag configuration = only reading (track 2) - ** proximity only



		FUNCTIONALITY			TECHNOLOGY					
EL1000	400x120x130mm	✓	✓	✓	✓	✓	✓	✓	✓	THERMAL/DOT MATRIX
EL2000	192x72x90mm	—	—	✓	✓	✓ **	✓	✓		—
EL3000	350x120x130mm	—	✓	✓	✓	✓ **	✓	✓		THERMAL/DOT MATRIX
EL5000	470x120x160mm	✓	✓	✓	✓	✓ **	✓	✓		THERMAL/DOT MATRIX
EL6000	365x120x175mm	✓	—	—	✓	✓ **	✓	✓		THERMAL
EL7000	250x120x110mm	—	—	✓	✓	✓ **	✓	✓		—
EL8000	350x120x140mm	—	—	✓	✓	✓ **	✓	✓		—

**any mag configuration available: track 1,2,3, central + double. Also track 2x 4 positions for reading/encoding in all directions - Coercivity: Lo-Co, Hi-Co



ELS series



DESCRIPTION	SIZE (LxWxH)	FUNCTIONALITY			TECHNOLOGY	PRINTER
		DISPENSER	READER	COLLECTOR		
ELS00000	185x155x320mm	✓	✓	—	RFID/BARCODE/CHIP	—
ELS10000	315x155x320mm	✓	✓	✓	RFID/BARCODE/CHIP	—
ELS20000	395x155x320mm	✓	✓	✓	RFID/BARCODE/CHIP	THERMAL
ELS40000	165x155x320mm	—	✓	✓	RFID	—
ELS50000	350x155x320mm	✓	✓	—	RFID/BARCODE/MAG/CHIP	—



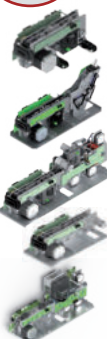
ELG series



DESCRIPTION	SIZE (LxWxH)	FUNCTIONALITY			TECHNOLOGY				
		DISPENSER	VALIDATOR	READER	MAG	BARCODE	RFID	CHIP	PRINTER
ELG0000	124x111x98mm	—	—	✓	—	✓	✓	✓	—
ELG0000-DC	165x111x98mm	—	—	✓	—	✓	✓	✓	—
ELG9000-RC2	268x129x168mm	✓	—	✓	—	✓	✓***	✓	THERMAL
ELG9000-RC4	168x356x129mm	✓	—	✓	—	✓	✓***	✓	THERMAL

*** chip on paper tickets available in roll, fold or pre-cut

ELE series



DESCRIPTION	SIZE (LxWxH)	FUNCTIONALITY			TECHNOLOGY				
		DISPENSER	READER	VALIDATOR	MAG	BARCODE	RFID	CHIP	PRINTER
ELE2000	258x140x116mm	—	✓	✓	✓	—	—	—	—
ELE3000	440x156x173mm	—	✓	✓****	✓	—	—	—	DOT MATRIX
ELE5000	520x160x175mm	✓	✓	✓****	✓	—	—	—	THERMAL / DOT MATRIX
ELE7000	340x160x120mm	—	✓	✓****	✓	—	—	—	—
ELE5000 28MDP	468x468x214mm	✓	✓	✓****	✓	—	—	—	DOT MATRIX

**** ticket damage mechanism (optional)

ELR series



DESCRIPTION	SIZE (LxWxH)	FUNCTIONALITY			TECHNOLOGY				
		DISPENSER	VALIDATOR	READER	MAG	BARCODE	RFID	CHIP	PRINTER
ELR00000	251x152x1075mm	✓	—	—	—	—	✓	—	—
ELR10000	385x160x1075mm	✓	✓	—	—	✓	✓	—	—
ELR20000	542x165x1075mm	✓	✓	—	—	✓	✓	—	—
ELR30000	415x160x1081mm	✓	✓	✓*****	—	—	✓	—	THERMAL PRINTER
ELR40000	425x165x1075mm	✓	—	✓	✓	—	—	—	—

***** reader writable with special cards





Born Italian, **Growing Global!**



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