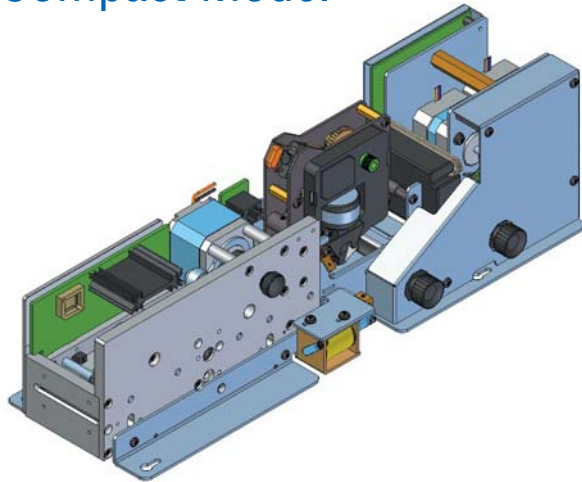




TIM – EL1000 SERIES

Ticket issue machine

Compact Model



MAIN FEATURES

- Side frame supporting cutter, printer and reader/encoder modules
- Stepping motor and photosensors ticket positioning
- Thermal printer or dot matrix printer options
- Fan-folded pack form handling
- Single way dispenser configuration
- Capability of processing rounded or bevelled ticket corner shape
- Cutter blades with keen self-sharpening
- EL2000 reader/encoder module usage
- Ticket validation capability
- Bottom ticket capture device
- Microprocessor based electronics
- SMD low consumption electronic circuits
- Communication by means of RS232/RS485 serial interface

TECHNICAL SPECIFICATIONS

OVERALL DESCRIPTION

- **Outline dimensions:** 130(H) x 400(L) x 120(W) mm
- **Weight:** 4.5 Kg (Approximately)
- **Electronics:** EL2000 PCB plus a specific board
- **Dispenser configuration:** Single strip
- **Processing capability:** Fan-folded bevelled or rounded card pack
- **Ticket generation:** Driven cutter with guillotining blade
 - **Cutter motion:** Geared motor
 - **Ticket motion:** Stepping motor
- **Transport method:** Belt and rolls
- **Ticket Sensors:** Photosensors
- **Printer options:** Thermal or dot matrix
- **Output interface:** RS232 / RS485
- **Power requirements:** +24V DC +/-10% 3A

THERMAL PRINTER

- **Printing method:** Thermal dot line printing
- **Print Width:** 40 mm
- **Dot per line:** 320
- **Dot pitch:** 0.125 mm (8 dots/mm)
- **Head down movement:** By electromagnet
- **Font configuration:** User defined (Default 7 x 5)
- **Heat pulse life:** 1 x 10⁹ pulses
- **Abrasion life:** 50 Km

DOT MATRIX PRINTER

- **Printing method:** Dot matrix impact
- **Maximum frequency:** 1250 Hz
- **Dot per line:** 8
- **Dot diameter:** 0.3 mm
- **Font configuration:** User defined (Default 7 x 5)
- **Distance to platen:** From 0.3 to 0.5 mm
- **Print-wire life:** 250 millions of impacts per needle

TICKET SPECIFICATIONS

- **Length:** 85.60 mm
- **Width:** 53.98 mm
- **Thickness:** Up to 0.2 mm (bridge joined card)

ENVIRONMENTAL

- **Operating temperature:** From 0 to +50°C
- **Storage temperature:** From -20 to +60°C
- **Relative humidity:** From 20 to 80% (No condensation)