For high volume Automatic Fare Collection, with escrow system

**Application**

- Ticket vending machine
- Stationary and mobile ticketing application
- Car park pay automate
- Dispensing and revaluing pre-paid cards
- Cash deposit

**Features**

- 6, 13, 30 or 90 banknote types with 4-way insertion
- Best banknote acceptance at first insertion
- Fast transaction time: 2 seconds between notes (into escrow)
- Quantum leap in security
- New banknotes programmable through network
- 15 banknotes escrow
- Unrivalled reliability, gives lowest cost of ownership
- Cash-box BNA541 for up to 1000 banknotes or BNA542 for up to 2000 banknotes
- Simple to service and easy to maintain
**Range Features**

These features are common to the full SODECO™ BNA500 series:

**Validator**
- Universal inlet with LED indicator, anti-card device, made in robust metal alloy with ergonomic design.
- Exceptionally high first acceptance – 98% – with outstanding security.
- Works in harsh operating environment (0º to +60ºC). Inlet to as low as -25ºC (dry), optional anti-ice heating.
- Compact, space efficient size
- Same 3 fixing points for all BNA 500 products.
- Additional 2 fixing points with BNA 542 configuration
- Full control of the banknote transport ensures low jam rate.
- Controlled inlet and outlet flaps defeat manipulation.
- Validator opens easily without tools for easy cleaning access.
- On-site banknote configuration with a PC or via a network.

**Removable security cash-box**
- Banknotes perfectly stacked inside the cash-box.
- Sturdy construction, fast and secure cash-box interchange, electronic identification.
- Different keys for cash-box collection and revenue centre.
- Locking shutter mechanism with automatic reset
- Several optical and electronic detectors for cash-box handling and identification

Polycarbonate cash-box for up to 1000 banknotes
BNA 541-3 for front insertion
BNA 541-4 for rear insertion
Stainless steel cash-box for up to 2000 banknotes
BNA 542-1 for front insertion
BNA 542-2 for rear insertion

**World-wide service and repair operation**

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**Technical Specification BNA57**

**Front or rear cash-box insertion**
- **BNA 571** for front insertion
- **BNA 572** for rear insertion

**Banknote capacity**
- National or mixed currencies, in 4 ways.
  - BNA 571-3 handles 6 banknotes
  - BNA 571-4 handles 13 banknotes
  - BNA 571-5 handles 30 banknotes
  - BNA 571-7 handles 90 banknotes

**Banknote sets**
- All the world’s major banknote sets can be supported and are continuously updated.
- Dimensions of accepted banknotes:
  - Width: 60 to 86mm
  - Length: 112 to 182mm

**Escrow system**
- Escrow with up to 15 banknotes capacity

**Power supply**
- 24 V DC (±15%), 2.5A (max)

**Interfaces**
- Serial RS 232C
- Security protocol DIN 66348

**Operating modes**
- “Easy Mode”, “Set-up Mode”
- “High Acceptance” or “High Security” mode

**Weights**
- BNA57: 11.3 kg / 25.0 lbs
- BNA541 empty: 4.3 kg / 9.4 lbs
- BNA542 empty: 7.2 kg / 15.9 lbs

**Support tools SODECO™ ST:**
- MEI programme for monitoring, diagnostics and configuration, based on Windows® platform

**Options**
- Heating inlet 24 V DC, 3A.
- Network with SODECO™ SDK for Windows® XP/Vista/Seven with TCP/IP protocol

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**Dimensions**

| A | Banknote insertion |
| B | Banknote stacking |
| C | Banknote return |
| D | Open validator |
| E | Automat front panel |
| F | Fixing points M5 |
| G | RS 232 & 24 VDC connections |
| K | Key for extraction |
| L | Key for opening |

**Dimensions BNA542**
- Cut-outs in the automat door: 130 x 130 mm
- Dimensions: add 123 mm, total height: 516 mm

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**Sales:** Please consult our website for MEI world sales and distributors network.

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