

# SODECO™ BNA57/54 Banknote validator

with escrow, stacker and removable security cash-box

## Application

For high volume Automatic Fare Collection,  
with escrow system

- Ticket vending machine
- Stationary and mobile ticketing applications
- Car park pay automate
- Dispensing and revaluating 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

BNA57



BNA542

SODECO™ BNA500 series. Ready for the future, right now.

**mei**™

## 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 (0° to +60°C). Inlet to as low as -20°C (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 exchange, 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 541-1 for front insertion  
 BNA 541-2 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

## 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
- Cut-outs in the automat door 130 x 130mm

All power and communication connectors are integrated within the overall dimensions

## Technical Specification

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 95 to 182mm

### Escrow system

Escrow with up to 15 banknotes capacity

### Power supply

24 VDC +/-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

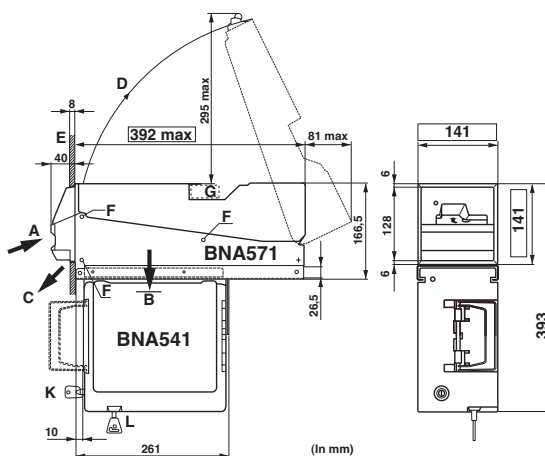
BNA 57	11.3 kg	25.0 lbs
BNA 541 empty	4.3 kg	9.4 lbs
BNA 542 empty	7.2 kg	15.9 lbs

### 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 95/98/NT/2000/XP with TCP/IP protocol



BNA542, add 123mm,  
 total height 516mm

### REPRESENTATIVE

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