

STM-2000

Smart Teller Machine

Over 90% of teller operations in self-service



The STM-2000 is a **smart teller machine** designed to bring multiple counter operations into self-service. It integrates **cash and coin recycling** modules, a cheque scanner, a card dispenser, an ID reader and laser and thermal printers, autonomously handling over **90% of non-cash banking operations** : document acceptance, receipt printing, account opening and debit card issuance — raising efficiency and cutting operating costs.

Features

- Integrates multiple teller operations
- Handles over 90% of non-cash operations
- Cash recycling: 12 notes per second
- 5 cassettes of 3,400 notes (4 recycling + 1)
- 11-denomination coin module
- CIS cheque scanner with UV, 300 DPI
- Dispenser holding up to 1,080 cards
- Duplex ID reader
- 19" touch screen
- Laser printer + 80 mm thermal receipts
- EPP with EMV L1, PCI 6.0 and Braille
- Anti-skimming EMV card reader
- UL291-certified safe
- Capacitive fingerprint scanner and QR reader
- Proximity, vibration and temperature sensors
- Windows 11 IoT Enterprise with 1,000 VA UPS

Technical Specifications

Specification	Detail
Touch screen	19"
Cash module	Input: 500 notes; output: 300; escrow: 300; speed: 12 notes/s
Cassettes	5 (4 recycling + 1 acceptance), up to 3,400 notes per cassette
Coin module	11 denominations, 12 coins/s, up to 1,500 coins
Cheque scanner	CIS (grayscale and UV), 103 mm width, 130 mm/s, 300 × 300 DPI
Card dispenser	Up to 1,080 cards, 7 s per card, verification by read and write
ID reader	Duplex, 130 mm/s, up to 300 DPI, skew correction and cropping
Printers	80 mm thermal receipts + laser
Host	Windows 11 IoT, Intel i5, 4 GB RAM, 2× 1 TB HDD
EPP	EMV Level 1, PCI 6.0, Braille
Card reader	EMV Level 1, anti-fishing, anti-trapping, anti-skimming
Security	UL291 safe, mechanical lock and password, proximity, vibration, door and temperature sensors

