

Eco Recycling ATM

Cash Recycling Functionality

The Eco Recycler is a high-Performance **Bulk - acceptance in - lobby recycling unit** designed to enhance the consumer experience, reduce costs and generate revenue. Based on the concept of “**Re-inventing and Re-engineering the bank branches**” the specific product, as well as all of our self-service products aim to turn branches into **revenue generating entities rather than cost centres**.

Its digitally inspired design takes your brand to the next level, catches the attention of your clientele and at the same time performs brilliantly in all locations where cash deposit and dispensing is required.

Overview

The Eco Recycler by TechVest Systems is an in-lobby cash recycling unit built for banks, retailers and high-volume locations. It is a **bulk acceptance recycling unit** with a 300-bill acceptance volume through a One-Deposit cassette, Four Recycling cassettes of 3000 note capacity each and one reject cassette. It combines security, speed and intuitive design – enabling seamless transaction experiences with minimal downtime.

CORE VALUE PILLARS

Efficiency & Agility

- Bulk deposits with a 300-bill acceptance module
- Single Deposit cassette with Escrow functionality
- Four Recycling cassettes of 3000 note capacity each and one reject cassette.
- Perfect for **high volume, high foot fall locations with a medium footprint**



Security

- CEN-1 Certified with Key and code lockers and open-door detectors and SG locking system
- **Full bill serial number capture with fraud detection**
- Integrated camera, 4-door sensor system with Open doors detectors, and security lighting
- EPP keyboard SZT588F



User-Centric Design

- Large 17" or 19" Touchscreen interface
- Contact less card reader/VivoPay Kiosk and Audio Jack with internal speaker
- Built in Compact UPS for power continuity
- Consumer mirrors



Key Features

- **Designed for digital future** – New access-for-all design for ease of integration of new technologies. Top 17” or 19” display panel for tailored innovative and dynamic ways to connect with your customers.
- **Ease of Service** – Simplified parts for enhanced First Line Maintenance with front-access and a large number of field replaceable units for quick and simplified repairs.
- **Enhanced Security Features** – Security by design with hardware and software improvements to ensure the highest possible standard of protection against attacks. The CEN-1 safe with key and code lockers together with the open-door detectors and 1.5-2mm steel case further enhance security, safety and customer confidence.
- **Technology and innovation** – Escrow functionality, receipt printer with retract bin, contactless reader, audio jack and e-journal are just a few of the innovative features.

Consumer Interface

- Display – 17” or 19” Touchscreen with privacy filter
- Dynamic colored MEEIs
- Keyboard – EPP (PCI Compliant) with Pin Shield (optional)
- Tamper Resistant Card Readers – Sankyo ICT3K7/9
- Contactless Card reader VivoPay kiosk
- Audio – High quality public audio and/or sound jack with volume control
- Stickers on all devices

Security

- USB Protection and Parts Validation
- Portrait camera
- Steel case 1.5-2mm
- CEN-1 Safe with key and code lockers
- Open door detectors
- Hand to Cash Camera (optional)
- Consumer mirrors

Printers

- Receipt Printer (thermal, 80mm with retract bin)
- Electronic journal

Media Handling Technology

- CRM CW (300 note capacity Bulk acceptance recycling module with 1 deposit cassette and four recycling cassettes of 3000 note capacity plus one reject cassette.

Software

- Windows 10 IoT/Antivirus System
- Application software with full connectivity and interface through NDC or ISO8583 to Base 24 and other major switches
- Ready currency templates for USD, EUR, BIRR and UAE Dirham

Environmental

- Without severe environment: 50F to 104F (10C to 40C)
- With severe environment: 32F to 104F (0C to 40C)
- Humidity: 20% to 80%
- Acoustics: 65db(A) when idle, 68db(A) when operating

Servicing

- Front Access

Operating Platform

- System unit (PC): MB/Intel Core i5/RAM 8GB/SSD 500 GB

Additional Features

- Uninterrupted Power Supply

Product Dimensions

- Height: 155 cm
- Width: 55 cm
- Depth: 54.3 cm
- Weight(CEN 1): 350 kg

Why TechVest Systems?

With a proven track record in secure self-service banking solutions, TechVest Systems partners with financial institutions worldwide. Our solutions are built for resilience, security, and easy integration, helping clients reduce operating costs while enhancing customer access and satisfaction.

Get in Touch

