

Single Feed

COMPACT
FLEX | FLEX TRI
ULTRA
OPTIMA | OPTIMA TRI
MAGNA

Reverse Vending Machines



Making recycling easier.



Single Feed RVMs

Envipco offers a comprehensive range of next-generation single-feed Reverse Vending Machines (RVMs), designed to support low- to high-volume recycling across a wide variety of environments. Our solutions make it simple for both consumers and retailers to participate in efficient, responsible container recycling.

Smart, Space-Efficient Design

With an optimized footprint and modern, streamlined design, Envipco machines integrate seamlessly into multiple in-store locations—delivering maximum flexibility without compromising valuable retail space.

Accepts Multiple Container Types

Envipco's single-feed RVMs are engineered to handle a broad range of container types, including:

- Aluminum cans
- PET bottles
- One-way glass
- Refillable glass

Flexible Configurations worldwide

Our RVMs are available in multiple configurations, tailored to meet:

- Retailer operational requirements
- Store layout and customer traffic flow
- Local Deposit Return Scheme (DRS) regulations

Fast & User-Friendly Returns

Designed for speed and ease of use, Envipco RVMs provide a smooth and intuitive return experience—allowing customers to recycle containers quickly, whether before or after shopping.

Suitable for All Market

From convenience stores and fuel stations to supermarkets and hypermarkets, Envipco delivers scalable solutions to meet the needs of any retail environment.



• Introduceți recipientele cu dopul spre dumneavoastră

• Recipientele trebuie să fie curate, fără conținut, iar codul de bare vizibil și complet

• Introduceți ambalajele pe rând și așteptați ca cel anterior să fie acceptat de către aparat

• **NU** introduceți recipiente deformate

• **NU** aruncați recipientele în interiorul aparatului

• **NU** introduceți alte tipuri de deșeur



Fiecare sticlă
reciclată înseamnă
un pas mai
aproape de o
natură curată.



STICLĂ DOZĂ

0,1L și 3L

Împără orice
natură cu simbolul:

Reciclați
ambalajele în punctele
de colectare

3. Recuperează
garanția de 50 de bani

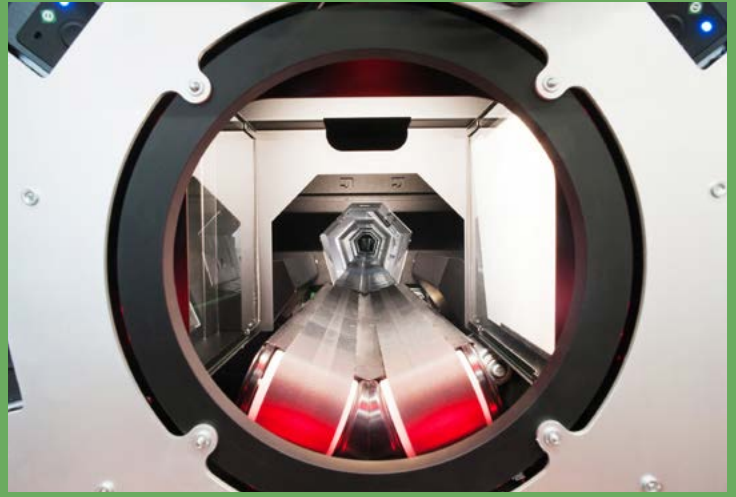
Voucherle emise de
aparat se pot folosi
doar în magazinele
Prof.

Contravaloarea în lei
voucherului se poate
obține în orice magazin
de alimente

Envipco technology

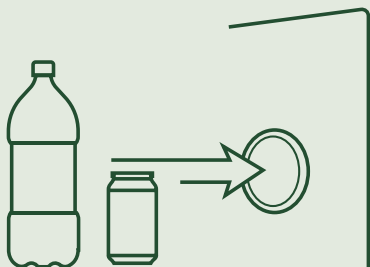
Powered by Envipco's industry-leading recognition technology, the system incorporates a sophisticated recognition system featuring a full 360-degree camera ring for instant barcode reading and shape recognition, eliminating the need for container rotation.

Integrated metal sensors and precision weight measurement further verify material type and detect residual liquids, delivering advanced fraud prevention and ensuring that only eligible containers are accepted.



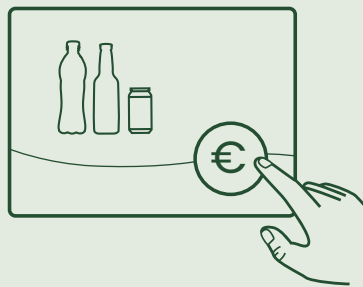
An easy customer journey

Recycling with Single feed RVMs is designed to be **intuitive, fast, and accessible.**



Insert

Insert containers in the infeed.



Process

Real-time progress is displayed on the 10" high-resolution, sunlight-readable touchscreen.



Reward

At the end of the transaction, consumers receive a QR code, paper voucher, or digital payout. Rewards are scannable on screen or via the built-in scanner.

Store more, occupy less

All single feeds use Envipco's patented compaction technologies to maximize storage capacity and reduce service frequency.

High compaction rates for PET bottles and cans ensure efficient use of space. Secure devaluation protects container integrity throughout the process.



Storage capacity

- Advanced compaction and glass breakage Technology
- Annual return, up to 1,2 M
- High range of bin configuration for different type of containers and storage purposes
- Different bin capacities and customized storage configurations and collection , including Europallet bins as well
- High flexibility in storage and collection



Motorized SoftDrop cart for refillable glass



Two-compartment steel bin for cans



Two-compartment steel bin for PET bottles



Corrugated bins for separate and commingle collection



Wheellie bin for one-way glass

Every machine, multiple configurations



Machine	COMPACT	FLEX
Application	Convenience	Convenience
Volume	Low	Low
Footprint	Mini	Small

Digital and APIs

Everything you need to run Single Feed RVMs digitally, from security to payments.

Enterprise-Grade Security & Compliance

Your data is safeguarded by SOC 2 Type 2 certification and “Privacy by Design” architecture, ensuring rigorous GDPR compliance and operational integrity.

Secure POS Integration

Protect revenue with our POS Desk API. We provide real-time voucher validation to prevent fraud and double-redemption by instantly verifying and “locking” codes during the transaction.

Operations & Fleet Management

Maximize uptime via the enVision ePortal API. Receive real-time alerts (e.g., bin full, printer out of paper) and monitor fleet heartbeat to preemptively address service disruptions.



ULTRA

Convenience / Superstore

Medium

Medium

OPTIMA

Superstore

Medium

Medium

MAGNA

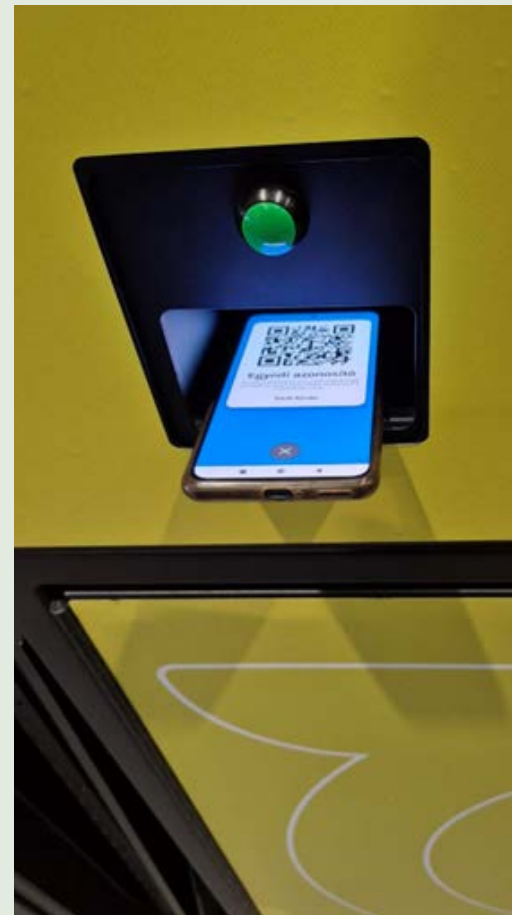
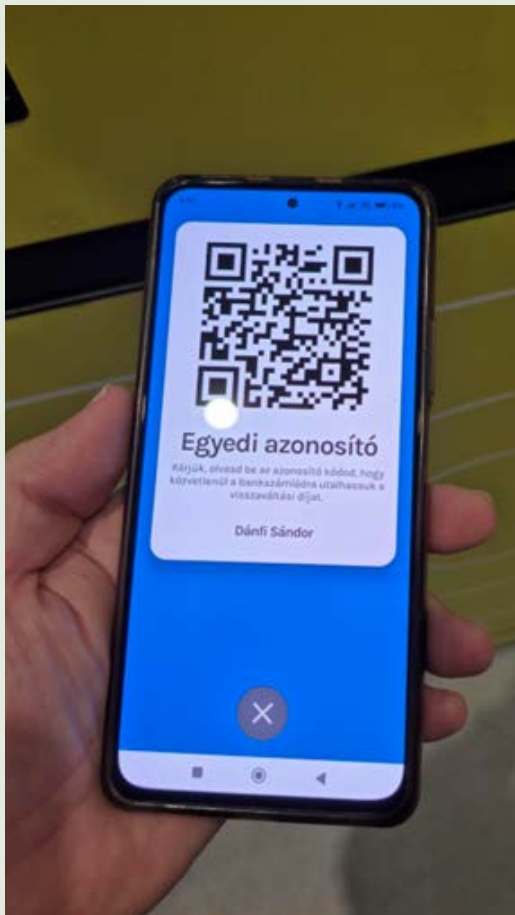
Superstore

High

Medium

Electronic Payment & Loyalty

Modernize the user experience with dynamic QR codes for digital wallet payouts, direct loyalty card integration for point accrual, and charity donations.



Built for reliable operations

Envipco single feed machines supports closed-loop recycling by devaluing containers for easy transport and reuse, aligning with EU directives. Processes promote material recovery, reducing waste.

The single-feed ready design of the machine.



The single-feed machine features an indoor-ready design, suitable for indoor or covered outdoor locations. For dedicated outdoor kiosk installations, please contact Envipco.

More features will be dedicated for outdoor use.

Expert support. Anytime. Anywhere.

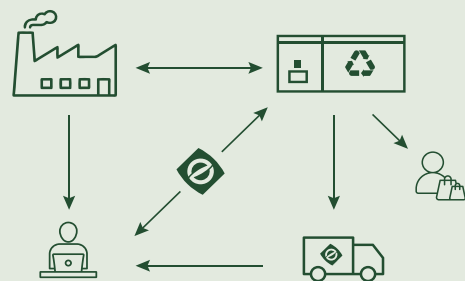


Envipco supports Single feed RVMs throughout its full lifecycle.

Live field service technicians provide on-site maintenance and rapid issue resolution. Dedicated helpdesk teams offer remote support and specialized assistance. Proactive monitoring enables early intervention and efficient service planning.

Enabling retailers to recycle more

Envipco works as a partner to retailers and operators, connecting DRS requirements with operational reality and consumer experience.



From system design and installation to long-term service, we support the entire process. This helps customers recycle more without adding complexity to daily operations.

Making recycling easier.

Contact us

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