

Reverse Vending Recycling Technology

Envipco's RVM model for larger return centres such as more sizable supermarkets, hypermarkets and redemption centres.

QUANTUM OUTDOOR FEATURES

- Breakthrough bulk feed
- >100 containers processed per minute
- Flexible, high-capacity storage of compacted material with screed design to ensure optimal fill
- State-of-the-art recognition - material, shape, size & weight
- Advanced self-diagnostics, self-cleaning, and self-recovery
- Customisable wrap
- Comprehensive digital marketing options



QUANTUM OUTDOOR SPECIFICATIONS

Performance

- >100 containers per minute

Container Size

- Plastic containers up to 3 Litre
- Aluminium cans up to 1 Litre
- Not intended for glass, but safe reject of all glass bottles

Storage Capacity*

- Aluminium cans: up to 5,000 in each bin (x4) with automatic leveling
- Plastic bottles: up to 1,750 in each bin (x4) with automatic leveling
- Flexible storage options up to 30,000 cans and 20,000 plastic (2 plastic bins)

Densification

- Flattened cans with patented Wave compactor
- Perforated and flattened plastic bottles with patented PinPet compactor

Container Identification

- Ultrafast Cameras for barcode reading
- Camera based size measurement and deposit control
- Metal sensors
- Reject of partly filled containers and glass bottles
- High precision and reliable air jet sorting of plastic and metal fractions
- Advanced fraud prevention

Communication and Data Management

- State of the art Linux computer with UPS
- Internet and LAN interfaces
- enVision Portal Remote reporting and maintenance software
- Advanced self-diagnostic and self-recovery

Consumer Interface

- Bulk-feed tray and intuitive rejection
- 17" high-resolution color LCD touch screen
- Thermoprinter with dropbox and optional card reader
- Comprehensive digital marketing, payment and reward options
- Compliant with accessibility guidelines

Cabinet

- Modular design with main cabinet plus compactor cabinets
- Durable electrostatic powder coat finish
- Adjustable mounting feet with ground plates

Machine

- Dimensions: 2800mm h x 7200mm w x 3460mm d with canopy (110" h x 284" w x 136" d)
- Footprint: 720 cm w x 300 cm
- Weight: approx. 3500 kg

Optional Equipment

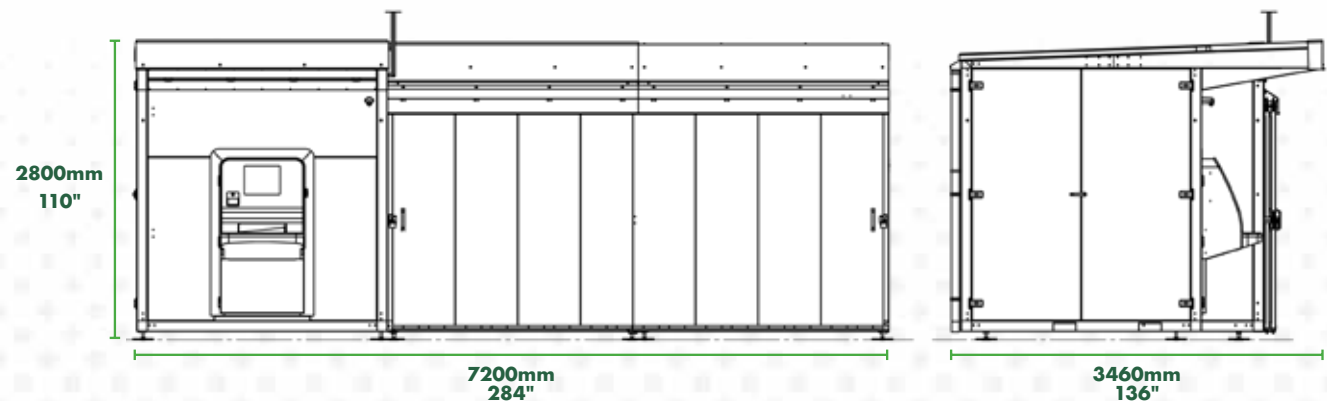
- Additional compactor and storage cabinet for plastic
- Digital, audible or visual alert
- Customisable wrap

Electrical/Pneumatics

- 3 phase, 400V, 25A, 50 Hz (IEC 603093P+N+E, 6h, 32A Plug)

Environment

- -20°C – 35°C (23°F – 95°F)



* Aluminium and Glass assume 355ml (12oz) containers, PET assumes 500 ml (16.9 oz) containers

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