



## Reverse Vending Recycling Technology

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

## QUANTUM INDOOR FEATURES

- Breakthrough bulk feed
- >100 containers processed per minute
- Flexible, high-capacity storage of compacted material
- State-of-the-art recognition – material, shape, size & weight
- Advanced self-diagnostics, self-cleaning, and self-recovery
- Comprehensive digital marketing options



PLASTIC & CANS



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# QUANTUM INDOOR 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\*

- Europallet bin, height 95 cm
- Aluminium cans: max 5,000 per bin
- Plastic bottles: max 1,750 per bin

## 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
- Optional cellular modem

## 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
- Mounted base with rollers and levelers

## Machine

- Height, main cabinet: 2330mm (92") (2480mm (98") installed)
- Weight: approx. 1,800 kg with two storage bins

- Wide/Frontloading Version:  
Footprint: 3450mm w x 1550mm d (136" w x 61" d)
- Wide/Deep Version:  
Footprint: 1920mm w x 3700mm d (76" w x 146" d)

## Optional Equipment

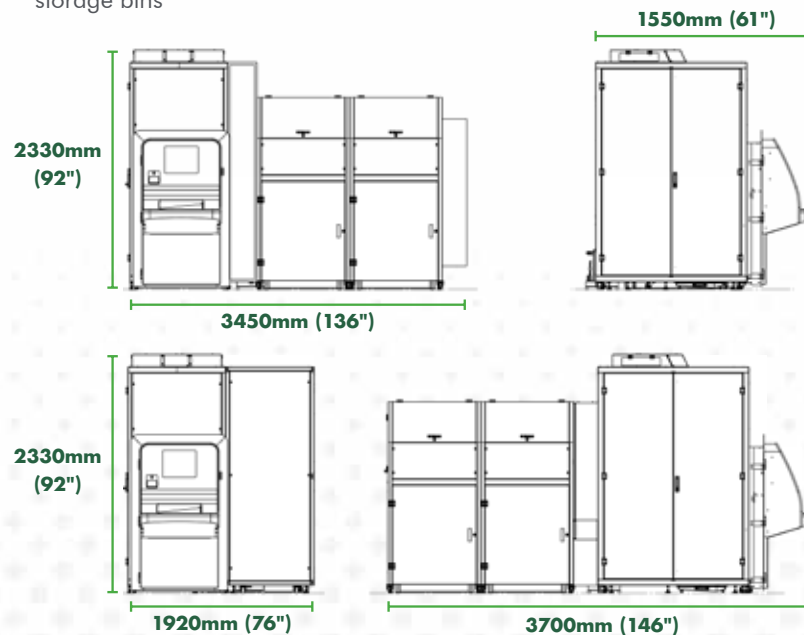
- Digital, audible or visual alert

## Electrical/Pneumatics

- 3 phase, 400V, 16A, 50 Hz (IEC 603093P+N+E, 6h, 16A Plug)
- Min 6 Atm/240 l/min Dry Air (ISO 8573-1 Class 2)

## Environment

- -5°C – 35°C (23°F – 95°F)
- Suitable for protected locations



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