RVM2000

Conversion
Started

RVM 2000 has revolutionized beverage container recycling.

İlk-el

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System **Operation**

Put Aluminum or PET beverage wastes on conveyour.
For each waste recognized by RVM, the card will be loaded
with bonus. Press OK button to complete the process.

Conversion Started

RVM2000

Product **Features**

...algorithm
Cl... ...nt
Weig... ...or
Washab... ...onveyor
Barcod... ...ading
Imag... ...ssing
Cont... ...el detec on
Te... ...4mm security glass
... ...ner from truck tarpaulin
... ...s... – 220VAC opera on
Fun... ...on the automa on panel
Illumi... ...warning and guidance system
Instruc... ...r use with audio and video
Separate... ...ompartments with 2 doors
Easy cha... ...waste container thanks to telescopic rail

Standard Delivery
Work without card
Two separate compartments
Delivery without crushing unit
Changeable adver sing space
IEC 60 529 IP 31– IK 08
Electrosta c powder coa ng over galvanised
ISO 12944-2 - C3 Grade corrosion resistance

Optional Delivery
Fla ening or crushing unit
IEC 60 529 IP 55 – IK 10
Menu keys on the front cover
Thermal printer
Remote monitoring
On-screen adver sing applica on

Technical Infrastructure
Of The System

• The RVM shows informational videos on the screen when not in use.
•The operating instructions are explained on the 18.5-inch screen with voice.
•When a warning is received that waste products can be placed, the user should put the pet bottles and metal cans one by one on conveyour.
•The product has a weight sensor.
•There is a level sensor of the waste container.
•The plexiglass is illuminated so that when the vending machine is ready it will be blue, when the product is approved green and when it is in error position red.
•PET waste from 0.5 to 1.5 LT and metal cans from 200 to 500 ml will be recognised coordinated image processing algorithm and barcode reading system.

The New York Times

Istanbul Vending Machines Offer Subway Credit for Recycled Bottles and Cans

By Ceylan Yeginsu

Oct. 17, 2018

Istanbul on Wednesday rolled out an alternative currency for commuters who need to top up their subway cards but are short of cash: recyclables.

The city is installing "reverse vending machines" at metro stations that allow passengers to add credit to their subway cards simply by inserting a plastic bottle or aluminum can into the machine.

Once a value has been assigned to the recyclables, the machine will crush, shred and sort the material.

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lonely planet

Commuters in Istanbul can recycle waste in exchange for transport credit

SASHA BRADY Lonely Planet Writer   19 OCTOBER 2018

A subway station in Istanbul, Turkey has installed reverse vending machines that recycle

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RTL   ▷ En Direct
Les auditeurs ont la parole

Écologie   ⏱ 1 min de lecture

Istanbul : des bouteilles en plastique pour payer ses trajets en métro

Dans un pays où la gestion des déchets laisse à désirer, les autorités s'efforcent désormais de sensibiliser la population au recyclage.

La Revue de Presse
ITUNES   RSS 🔊

Automatic
Recycling Device

Bonus

IDCard / Mifare /RFID cards etc can be used for rewarding. Either donation or ticketing can be done. RVM activate with a future or autmatically start with waste product.

Acceptable Empties

RVM is designed to accept all empties. There are separate options for each product like PET bottles,can, glass, paper / plastic cup, cosmetics, cleaning products , Tetra Pak etc..
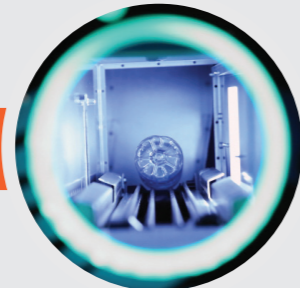
Ease of operation

RVM is first designed for primary schools. Therefore it is very easy / automatic to use.

Compacting / Shreddering

Empties can compact, shredder or seperate into varieties. There operations are optional and changeable.

Storage of Waste

Wastes can be stored in to plastic bags, containers or can be directed to any room at the location.

Product
Innovation

It makes a difference by comparing products using precision weight sensor, barcode reader, length meter, metal recognition and digital imaging technology.

The barcode reading of the device is made by the customer at the product entrance by reading the barcode to the reader or automatic by system (optional)

Weighing, measuring, sorting and visual product recognition is made at the center of the conveyor. Thus, instead of integrated systems, product identification is made with 5 different comparison systems.

The conveyor system, which can be easily removed and installed, allows conveyor cleaning during maintenance. Thank to this structure that, the failures in the mechanical system are reduced and that they are operated more cycle.

Since the crusher unit is modular, it is faster to replace in case of failure.

Thanks to aluminyum chasis of the conveyor system, the conveyor is more resistant to impacts from outside. Imported RVM's are usually have to be changed together with the system that creates serious costs.

Thanks to its modular structure, RVM consists of assembled parts that can be easly plug-in.

In this way, both the assembly and replacement can be done easily and cost-effectively.

The device shows the level of the waste bucket and allows planning for emptying.

Technicial Specifications	
Length x Depth x Width (mm)	183x79x130
Voltage (V-Hz)	230-50
Spent power (W)	750
Rated current (A)	1,4
Front fuse (A)	16
Protection Class (IP / IK)	IP 55 / 08
Noise Level dB (A)	40-70
Weight Kg	360
Mounting Type	External / Internal