

A CHOICE FOR THE FUTURE



A new innovative solution with a customisable front enabling you to satisfy customers wishes, requests and demands. A modular construction offering smart and flexible solutions for all sizes of shops. Takes all existing types of bottles. Can, Pet, refillable, glass bottles and crates. Compacting of one way refund.



REPANT COSMOS 3200

The Cosmos Model 3200 is used for reception of returnable beverage containers, Glass, refillable PET bottles, one way can and PET. Refillable bottles are collected on a bottle table, one-way cans and PET are compacted and stored in bins. The containers are recognized by using video based shape recognition, barcode, weight and material type. The video system reads the container shape and can be used to detect bottles even when the barcode is not present. The barcode system can read the container barcode with high speed and accuracy. The RVM's electronic scale reduces the risk of fraud and assures that no deposit will be paid for full containers. The material detection system is able to detect steel and aluminium where this is required.

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REPANT COSMOS 3200

TECHNICAL SPECIFICATION

Container feeding:	Horizontal feeding. One opening for bottles and cans. Separate opening for crates.
Registration/feeding rate:	Up to 60 bottles per minute, up to 10 crates per minute.
Container types:	Refillable PET bottles and glass bottles.
Container size:	0,15 - 3 liter.
RVM memory:	7.600 container types.
Container shape detection:	Video system.
Barcode:	Reads horizontal and vertical barcodes.
Container weight:	Electronic scale.
Sorting:	Configurable. Typically four fractions; PET, cans, Refillable-PET and glass.
Container compression:	Integrated PET and can crusher for reduced transport cost.

STORAGE CAPACITY

Glass bottles:	160 pcs. - depending on size of glass table
PET bottles:	450 pcs.
Aluminium and steel cans:	1300 pcs.
Ref PET:	750 pcs.
Crates:	Depending on crate tracks

ELECTRICAL POWER

Power supply:	1 phase 230 V
Power consumption:	Standby 200 W
Normal operation:	550 - 1350 W
Integrated battery back-up for pc.	

DIMENSIONS (example configuration)

Length:	3220 mm incl. 1200x900 glasstable
Width:	2300 mm
Height including warning light:	2135 mm

ENVIRONMENT

Temperature range:	10 - 35 °C
Relative humidity:	< 90%, non-condensing

ALARM SYSTEM

Message on display, light signal on backroom. Optional acustic alarm.

DISPLAY

VGA colour display with back light and touch screen.

PRINTER

Graphic thermo printer for text, images and barcode. 2100 receipts per roll.

SAFETY AND APPROVALS

CE marked. Shielded for reduced noise. Integrated emergency stop system.

SUPERVISION AND REMOTE CONTROL

Counters and timers are stored in the RVM. Event log with detailed information.
The RVM status can be displayed. Remote analysis and diagnosis.

Specification subject to change without notice.