At Koopaal, we are dedicated to environmental sustainability and pioneering recycling solutions. Our reverse vending machines (RVMs) embody this commitment, offering a straightforward, efficient, and gratifying method for recycling used beverage containers.

Compact and versatile, our standalone machines boast a footprint of just 1m², seamlessly integrating into various environments. Whether situated in supermarkets, malls, restaurants, campuses, or community centers, our RVMs effortlessly blend in while making a significant impact. Despite their small size, they possess a substantial capacity.This efficiency ensures a smooth recycling process, minimizing disruptions while maximizing environmental benefits.

Anti-Fraud System
Machine Vision, Barcode Reader, Load-cell

Sorting
1 Cabinet, 2 Distinct Bins

Crusher
1500 Containers Capacity in 1 m²

Receipt Printer
1-D Barcode, QR Code, Customized Data

REST API Integration
Real-time Data Transfer
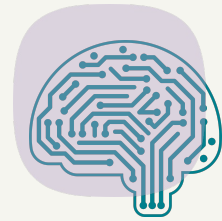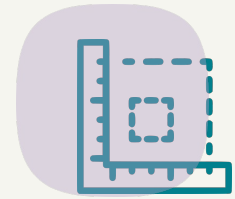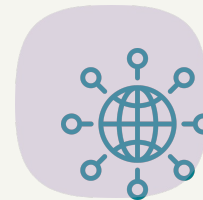
15" Touchscreen
Notifications and Info. Display

KOOPAAL

Together, let's reshape the future of recycling and safeguard our planet for generations to come.

https://koopaal.com | contact@koopaal.com

Storage Capacity		Dimensions (mm)
APPR. Single Material Feed		947 997 1723
Cans (0.33L)	**2000**	
PET bottles	**800**	
APPR. Dual Material Feed		
Cans (0.33L)	**750**	
PET bottles	**500**	

Container Specs	Speed Capability	Electrical	Environmental	Connectivity
Material Non refillable PET bottle and Aluminium can **Container Size** Diameter: 50-130 mm Height: 80-380mm	Up to 30 containers per minute	**Nominal Voltage** 220V 1 Phase AC **Power Consumption** 100 W (Idle) 1000 W (Function)	**Temperature** 0-40 °C (Indoor) **Humidity** maximum 90% relative humidity, non-condensing	LAN (Ethernet TCP/IP), WIFI, 3G/4G/5G

Software		Technology	Side Displays (Optional)
Barcode Database Management Advertising and Media Management API Connection SMS Management **Integrated web app**: management of users and collected containers data, Maintenance notifs, Rejected containers(Duo to over/under size and weight) , Unmatched barcodes		Dimension Recognition Barcode Reader Crusher Sorter Bin Full Sensor Doors Sensor Vandal-Proof Touchscreen	**Size** 65 inch **Number** One or Two **Software** Dedicated software for signage & advertising content management

Sepanta Sanat Company

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