Unmanned PET & CAN RecyclingMachine

링크턴

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[QR코드 스캔하기]
회원가입 페이지로 이용합니다.

시작
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페트병 투입구

링크턴 앱 설치 후
환경보호와 다양한
혜택 받아가세요

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혜택 받아가세요

PET bottle recycling machine   CAN recycling machine

LINKTECH (주)링크텍
LinkTech Co.,Ltd.

Product specifications

Division		Standard
Form		unmanned resource recovery machine
Requirements		Device User Compensation System Safe device structure and rain cover installation for outdoor installation
Size		Manufacturer's standard dimensions: 700(W) x 920(D) x 1600(H) (individual) Storage capacity: 1,000 units for 500ml PET bottles / 1,500 units for 180ml cans
Enclosure	Texture	steel and stainless steel
	Deadline	Powder coating, removable sheet wrapping
Composition	Inlet	Safety device to prevent hand entrapment when inserting Accepts transparent PET bottles of 200ml to 2L, 180ml to 750ml cans
	Outlet	Apply a separate device (optional) to reject resource compensation for non-normal resources (e.g., unremoved labels, colored PET bottles, etc.)
	Collection box	PET: 1,000 500ml bottles / Can: 1,500 180ml bottles When the bin is full, the device is stopped and an administrator notification function is provided (point payment conditions can be set)
	Recognition department	Points are rewarded only for the desired resources through image analysis of collected resources.
	Crushing department	A structure where the input resources descend along the slide surface. Designed to prevent contact with body parts, ensuring user safety.
	Data Management	Recycling collection device management and monitoring using big data such as device user and collection resource input data (discharge time, reward points)
	Display part	Easy to use and identify when the device is out of service. Can be used without interference from temperature changes in both winter and summer. Displays user confirmation, opening the inlet, inputting resources, and closing the inlet (point accumulation process). Touchscreen and equipment status display: 21 inches or larger. The touchscreen does not condense even at relative humidity of 70% or higher and operates at temperatures between 0 and 50℃.
	Ministry of Communications	SIM Type: 4FF USIM (1.8V / 3.0V) WiFi: 2.4GHz (802.11 b/g/n) UE Category: CAT.4 Used Frequency Range 　- WCDMA (B1): 1920/2170MHz 　- LTE (B1): 1920/2170MHz 　- LTE (B3): 1710/1880MHz 　- LTE (B5): 82/93MHz Modulation 　- WCDMA: QPSK, 16QAM, 64QAM, BPSK 　- LTE: QPSK, 16QAM, 64QAM Certification Number: KC R-C-Ytc-ELR22
	Power supply	Operating voltage: AC 220V, 2kW
Etc		Noise: Average operating noise level: 65 dB or less Crushing speed: Approximately 500 pieces per hour (continuous production based on 500 ml)

Resource recovery machine features

AI-powered features: Resource collection analysis, point rewards, usage limits, and user guide.

- Reward Point Accumulation: Planned expansion to include mobile payment, local cards, transportation cards, and local waste disposal cards.
- Reward Method: Future updates will allow users to redeem accumulated points for product coupons and other rewards.
- Storage Capacity: Holds up to 1,000 PET bottles and 1,500 cans. Automatic monthly collection amount notifications are provided.
- Low noise and anti-fog system for winter operation.
- Custom design wrapping and optional rain canopy.
- Power installation available.
- Adjustable point system per unit (customizable reward conditions).

Key Features of the Resource Recovery Machine

Simultaneous crushing of PET and HDPE materials	Designed for high user convenience with minimal manual input	Low noise, low vibration, and low power consumption	Excellent durability and corrosion resistance
Enhanced industrial-grade crusher with powerful performance		Compact size suitable for apartments and indoor use	Easy maintenance and simple operation

Every year, over 13 billion plastic bottles and hundreds of millions of cans are produced. → Our system enables efficient shredding, collection, and recycling of these materials.
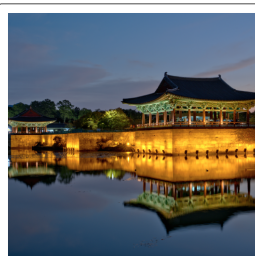
Recommended Installation Locations

Rest areas	**Sleepy rest area**	**Tourist attractions**	**Government offices**	**Schools**
Marts / Markets	**Apartments**	**Hospitals**	**Cafés**	**Parks**
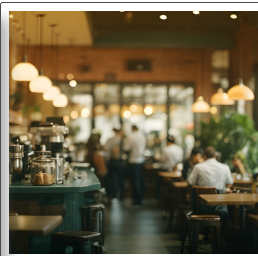
Customized design available

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