



TOMRA
B5TM
Mix

Space-smart returns



BASIC LINE

Plug right in and start recycling

With a footprint of just 0.8 sqm, TOMRA B5 Mix delivers a complete, compact, and professional recycling solution that fits anywhere, even in high-density areas with limited space. Whether in supermarkets, community hubs, sports centers or residential buildings. Simply connect to a single-phase outlet and you're ready to go. Place the machine indoors, in covered outdoor areas, or choose an optional upgrade for full outdoor use. Recycling has never been easier.



Seamless and engaging for users and operators

The 21.5" high-resolution screen provides clear, step-by-step guidance in English, Mandarin, Malay and Tamil, making recycling simple and accessible for everyone. Use the display to share promotions, sustainability tips, or community messages, turning recycling into an interactive experience. Maintenance is effortless thanks to on-screen cleaning instructions, so less time is spent on upkeep and more time for what matters.



Enjoy accurate returns with speed, safety, and efficiency

TOMRA B5 Mix automates container returns by combining advanced recognition and handling in one seamless process. Powered by TOMRA Essential Technology™, it uses an AI-powered camera, 360° barcode and 2D code scanning, weight sensors, and metal detection to identify containers accurately, making returns fast, simple, and reliable.



Count on TOMRA every step of the way

With over 50 years of experience in deposit return systems across 60+ markets, TOMRA is your trusted recycling partner. Our extensive service network and range of reverse vending solutions ensure a smooth recycling experience every step of the way.



Help the world recycle

Deposit Return Systems (DRS) help keep valuable resources in a continuous loop of use and reuse. At TOMRA, we call this **Clean Loop Recycling**. Returning containers prevents litter and landfill, preserving materials for future use. With TOMRA B5 Mix, you enable high-quality collection that drives resource recovery, because every resource counts.



Let's put recycling to work for you

Choosing to partner with TOMRA means creating a **great recycling experience**, contributing to **Clean Loop Recycling**, and choosing a solution that brings **peace of mind**.

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MEASUREMENTS

Dimensions [W x D x H]	880 mm x 930 mm x 1890 mm
Footprint	0.82 sqm
Weight ¹	350 kg max
Infeed height	1370 mm

STANDARD CONFIGURATION

Machine type	Standalone reverse vending machine
Bin unload direction	Front unload
Number of bins	1 bin for plastic bottles and cans
Compactors	Mix crusher for plastic bottles and cans
Colors	PANTONE COOL GREY 11C + BLACK RAL9005 [possible to wrap machine for a custom look]
User interface	21.5" touch display with user guidance on machine screen, video and sound
Printer	Thermal printer
Other	QR code and Ez-Link card reader

RECOGNITION

Recognition technology	TOMRA Essential Technology™ (Container recognition, weight detection, metal detection, 360° barcode and 2D code reading, full container detection)
Speed capability ²	Up to 40 containers per minute

STORAGE CAPACITY

Accepted containers ³	Up to 2 types of containers: plastic bottles, cans or a mix
Storage capacity per bin ⁴	Mixed: Up to 1150 (50% 0,50l plastic bottles and 50% 0.33l cans)



ENVIRONMENTAL

Humidity	Up to 90% relative humidity, non-condensing
Temperature	+10°C to +40°C/ +50°F to 104°F The machine can be placed in sheltered outdoor environments.
Noise	Compactor, aluminum cans Lw=72.8dBA /Lp,d@1m=58.8dBA* Compactor, plastic bottles Lw=69.7dBA /Lp,d@1m=55.7dBA* *All values ± 4 dB Measurements were performed based on ISO 9614-2.

ELECTRICAL

Power consumption	Idle 70 W – Max. 1.7 kW
Mains	220-240 V, 1-ph, 50/60 Hz, min 8 A

CONNECTIVITY

External IT interface	LAN (Ethernet TCP/IP) Wireless: 5G/4G/3G router and WiFi router support
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¹ May vary according to packaging.
² Performance data may vary across markets, deposit regulations and system requirements.
³ May vary in different countries due to variations in beverage container materials, shapes and sizes.
⁴ Capacities will vary with object mix, type and system configuration.



Get in the Loop at www.tomra.com/en-sg

TOMRA CERTIFICATION

TOMRA Recycling Technologies (TRT) has implemented and maintains a Quality and Environmental Management System which fulfils Nemko's provisions for Management System Certification and the requirements of standards NS-EN ISO 9001:2015, with the scope described by the organization on 2018-05-29. The certification covers the development and delivery of automated systems for recycling.



LEGAL COMPLIANCE

The CE mark on this product confirms compliance with the following European Directives: 2006/42/EC, Community Legislation on Machinery, 2014/30/EU, Electromagnetic Compatibility (EMC), 2011/65/EU, Amendment (EU)2015/863, Restrictions of Hazardous Substances (RoHS), 2012/19/EU, Waste Electrical and Electronic Equipment (WEEE).

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TOMRA Collection

TOMRA Collection is part of the TOMRA Group, which is Leading the Resource Revolution by transforming how we obtain, use, and reuse our world's resources.

With installations across the world, retailers and consumers rely on our reverse vending machines to collect used bottles and cans that can be recycled into new containers.

Clean Loop Recycling is the easy and rewarding way to make choices that make change.

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