



TOMRA
B9TM
Mix

The smart choice for busy return points



Plug in and start recycling

With a footprint of just 1.7 sqm, TOMRA B9 Mix is designed for high-traffic environments like supermarkets, community hubs, sports centers or residential buildings. It handles a large volume of returns daily without compromising floor space. Use indoors or in covered outdoor areas, or choose an optional upgrade for full outdoor placement. Installation is simple, just plug into a standard single/phase outlet and you are ready to go.



Seamless and engaging for everyone

The 21.5" high-resolution screen provides clear, step-by-step guidance in English, Mandarin, Malay, and Tamil, making recycling accessible for all. Use the display to share promotions, sustainability tips, or community messages, turning recycling into an interactive experience. Maintenance is effortless with on-screen cleaning instructions and intuitive design, so operations stay smooth and efficient.



Enjoy accurate returns with speed, safety, and efficiency

TOMRA B9 Mix combines AI-powered camera, 360° barcode and 2D code scanning, weight sensors, and metal detection to ensure accurate identification of containers. Its advanced automation accelerates the return process, so every transaction is fast and reliable, even in high-traffic environments



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 and support network, combined with a broad range of reverse vending solutions, ensures you have everything you need for a smooth recycling experience.



Help the world recycle

Deposit return systems (DRS) for beverage container recycling keep valuable resources in a continuous loop of use and reuse. At TOMRA, we call this process **Clean Loop Recycling**. Returning containers help preserve materials and prevent them from becoming litter or landfilled. 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]	1850 mm x 930 mm x 1890 mm
Footprint	1.7 sqm
Weight ¹	490 kg max
Infeed height	1370 mm

STANDARD CONFIGURATION

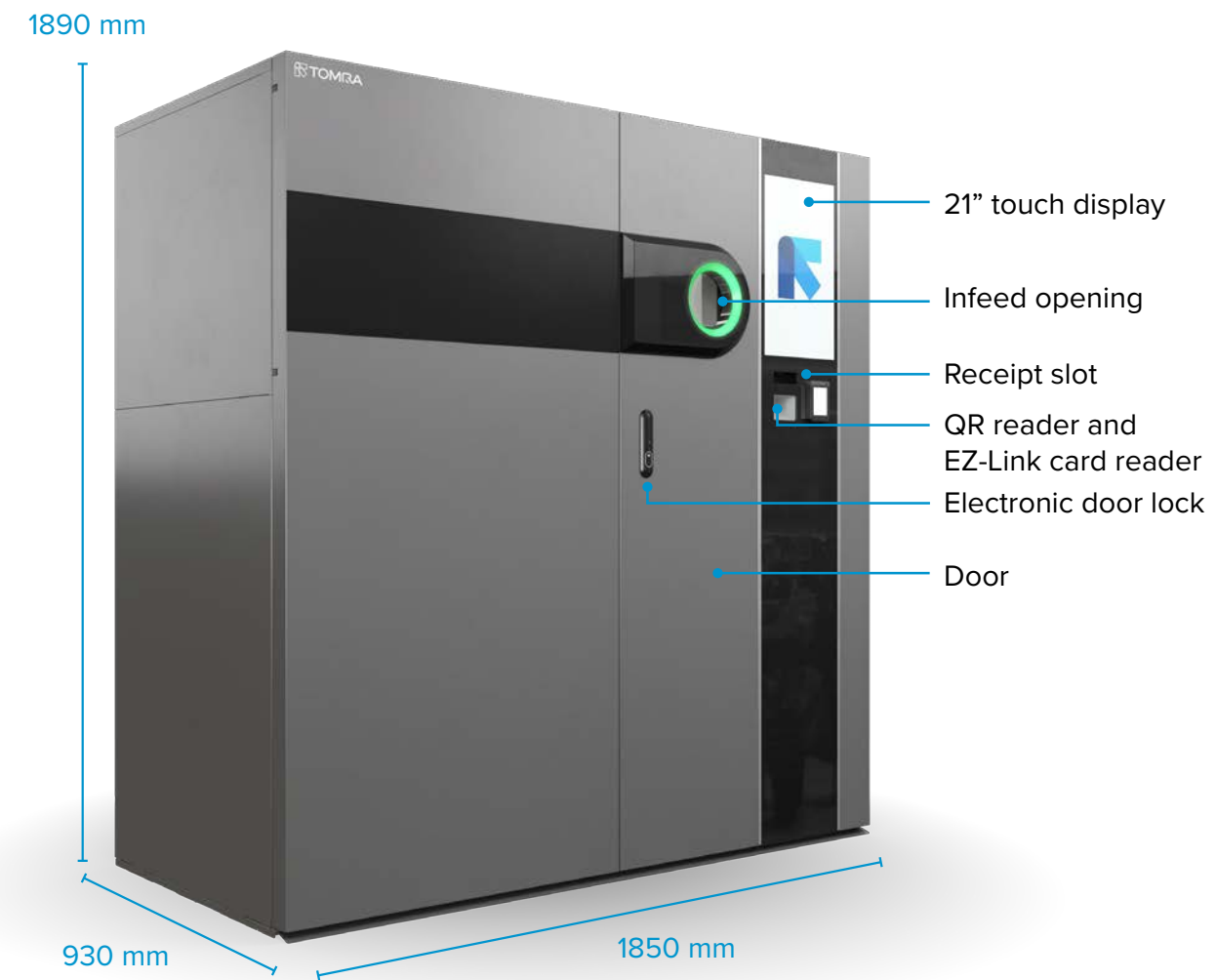
Machine type	Standalone reverse vending machine
Bin unload direction	Front unload
Number of bins	2 bins for plastic bottles and cans
Compactors	Mix crusher for plastic bottles and cans
Colors	PANTONE COOL GREY 11C + BLACK RAL9005 [possible to wrap machine for a custom look]
User interface	21.5" touch 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 ⁴	Mixed: Up to 2300 (50% 0,50l plastic bottles and 50% 0.33l cans)



ENVIRONMENTAL

Humidity	Maximum 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 2 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.

CE 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).

We reserve the right to make changes to specifications without prior notice. While every effort has been made to ensure all information contained in this document is accurate, TOMRA assumes no liability for any errors, inaccuracies or omissions that may occur. All products and offers are subject to country availability. Please consider the environment before printing.

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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