



# TOMRA T90

The all-in-one with more to store



STANDALONE LINE



## Offer your customers a great recycling experience

From the interactive user interface screen to fast and efficient container handling, powered by TOMRA Flow Technology™ 360° recognition, you can give your customers every reason to love recycling at your store.

## Manage your peak volume with minimal maintenance

Experience continuous operation even during peak hours. With two full-size Euro pallet bins, the TOMRA T90 has the largest storage capacity available in the standalone line, so you can accept more containers before you need to empty a bin.

## All-in-one function that's efficient and user friendly

Accept, sort, compact and store up two types of recyclables, including refillables, all in one machine. The TOMRA T90 is designed to be easy to clean, simple to empty, and seamless to operate.



## Make the most of your space

Design a configuration that provides the best use of your space and provides peace of mind for your employees. Choose to empty bins from the front or the rear, install through a wall or wrap the machine for sleek integration with your retail space.



## Digital tools streamline your store operations

The TOMRA T90 is fully compatible with TOMRA's digital solutions to help you manage your machine with efficiency, improve uptime, and spend more time with your customers.



# Retailers help the world recycle

Deposit return systems (DRS) for beverage container recycling help keep valuable resources in a continuous loop of use and reuse. At TOMRA, we call this process Clean Loop Recycling.

As a retailer, you're at the heart of Clean Loop Recycling. You play a critical role at the point where consumers buy and return their containers.



Let's put recycling to work for you

Choosing to partner with TOMRA means creating a **great recycling experience for your customers**, making a **smart investment for your store**, and choosing a solution that brings **peace of mind and excellent support for your operations**.



# TOMRA T90™

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MEASUREMENTS\*

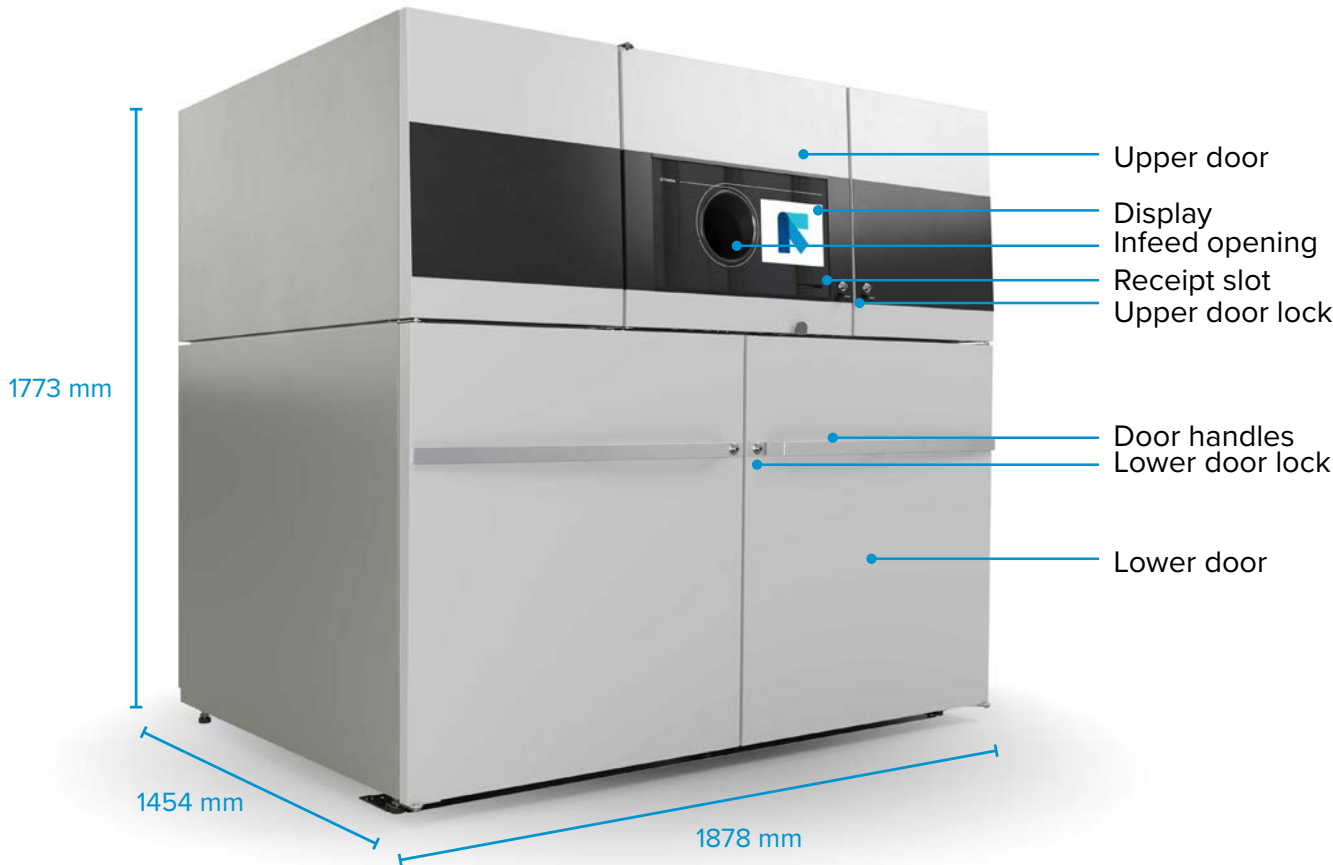
Dimensions [W x D x H]	1878 mm x 1454 mm x 1773 mm
Infeed height	1273 mm
Adjustment range for height	+ 80mm mm
Footprint	2.7 sqm
Weight <sup>1</sup>	525 kg <sup>1</sup>

STANDARD CONFIGURATION\*

Machine type	Standalone reverse vending machine
Bin unload direction	Free-standing (front unload) or wall mounted (rear unload, also with option for SoftDrop for refillable bottles).
Number of cabinets & bins	2 cabinet, 3 bins.
Compactors <sup>2</sup>	For cans, PET bottles, can/PET mix, Glass bottles (drop or glass crush) <sup>2</sup>
Colors	RAL 7042 (Possible to wrap machine for a custom look)
User interface	Display: 10,4” touch display, video and sound capabilities, user guidance on machine screen Printer: Thermal printer

RECOGNITION

Recognition technology	TOMRA Flow Technology™ (360° instant recognition, shape recognition, full container detection, barcode recognition, metal detection)
Speed capability <sup>3</sup>	Up to 45 containers per minute <sup>3</sup>



STORAGE CAPACITY\*

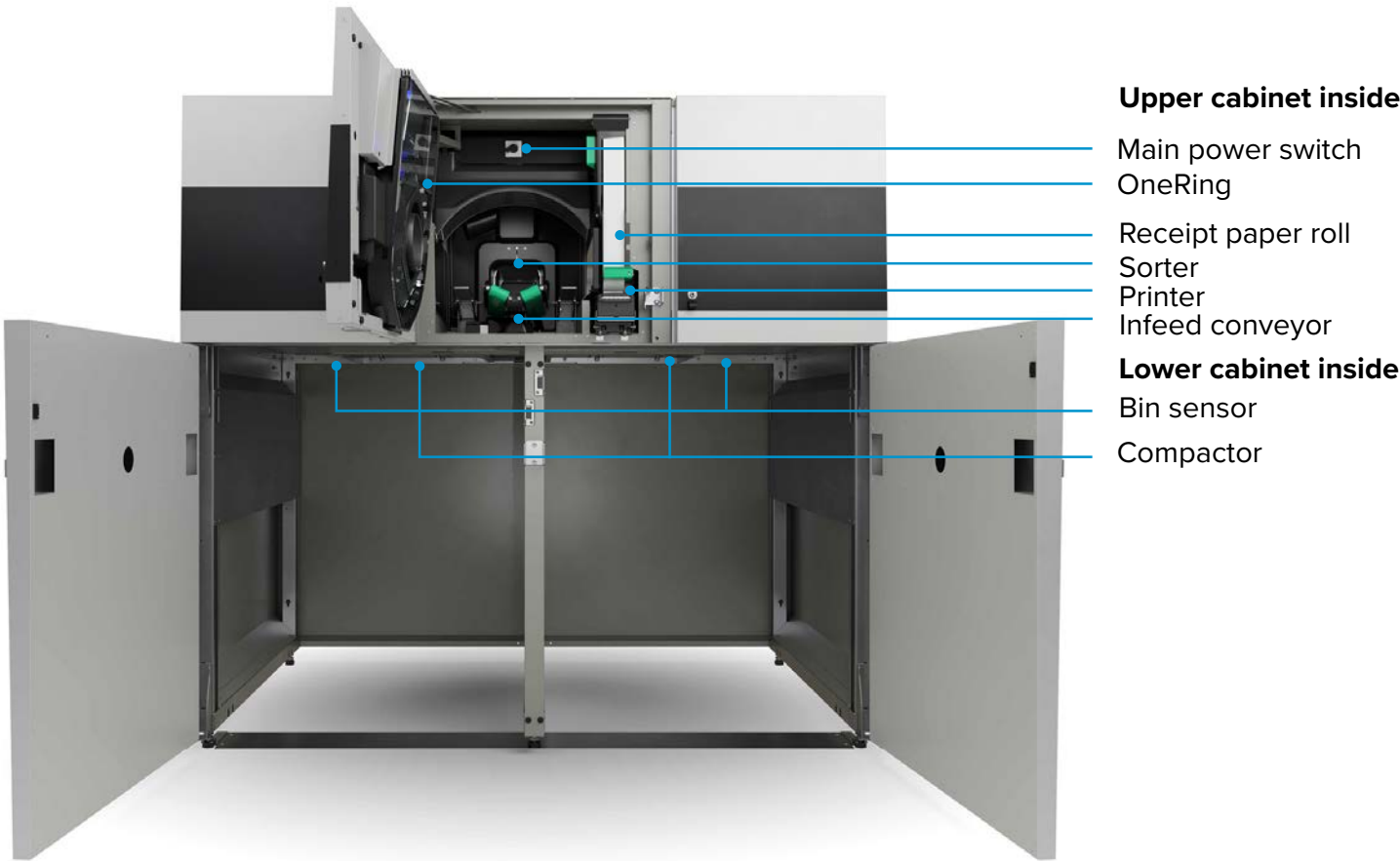
Accepted containers	Up to 3 types of non-refillable container types: Cans, PET bottles, Glass bottles. In addition, also option for refillable bottles (PET/Glass), with solution for rear unload solution with SoftDrop
Storage capacity per bin <sup>4</sup>	PET bottles: Up to 1600 (compacted, 0,5l) <sup>4</sup> Cans: Up to 6000 (compacted, 0,33l) <sup>4</sup> Glass bottles: Up to 300 (weight limited) <sup>4</sup>
Container sizes (min/max size)	Bottles: 50-130 mm x 85-380 mm (D x H) Cans: 50-100 mm x 80-200 mm (D x H)

ENVIRONMENTAL

Humidity	Maximum 90% relative humidity, non-condensing
Temperature	+10°C to +40°C / +50°F to 104°F (For indoor or protected installation only)
Noise	<70 dB (can/plastic), <85 dB (glass)

ELECTRICAL

Power consumption	Idle 60 W – Max. 2,5 kW
Mains	400 V 3 ph 50 Hz, 16 A fuse / 208 V 3 ph 60 Hz, 20 A fuse, C-characteristics (dedicated grounded mains supply)



CONNECTIVITY

External IT interface	LAN (Ethernet TCP/IP), POS compatible
Digital tools	Fully compatible with TOMRA's portfolio of digital products and APIs

\* May vary in different countries due to variations in beverage container materials, shapes and sizes.

<sup>1</sup> May Vary according to packaging.

<sup>2</sup> This machine fits 2 x 1/1 EU pallets

<sup>3</sup> Performance data may vary across markets, deposit regulations and system requirements.

<sup>4</sup> Capacities will vary with object mix, type and system configuration.



Get in the Loop at [tomra.com/Collection](https://tomra.com/Collection)



**TOMRA CERTIFICATION**  
TOMRA SYSTEMS ASA 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 and NS-EN ISO 14001:2015, 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/EU, Community Legislation on Machinery.  
2014/30/EU, Electromagnetic Compatibility (EMC).  
2011/65/EU, Restrictions of Hazardous Substance (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 approximately 85,000 installations across more than 60 markets, retailers and consumers around the world rely on our reverse vending machines to collect more than 46 billion used bottles and cans each year, which can be recycled into new containers.

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

Get in the Loop at [tomra.com](https://tomra.com)

