TOMRA

T90

The all-in-one with more to store

STANDALONE LINE

CLEAN LOOP RECYCLING

Offer your customers a great recycling experience

From the interactive user interface screen to fast and efficient container handling, powered by TOMRA Flow 360° recognition technology, 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 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 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.
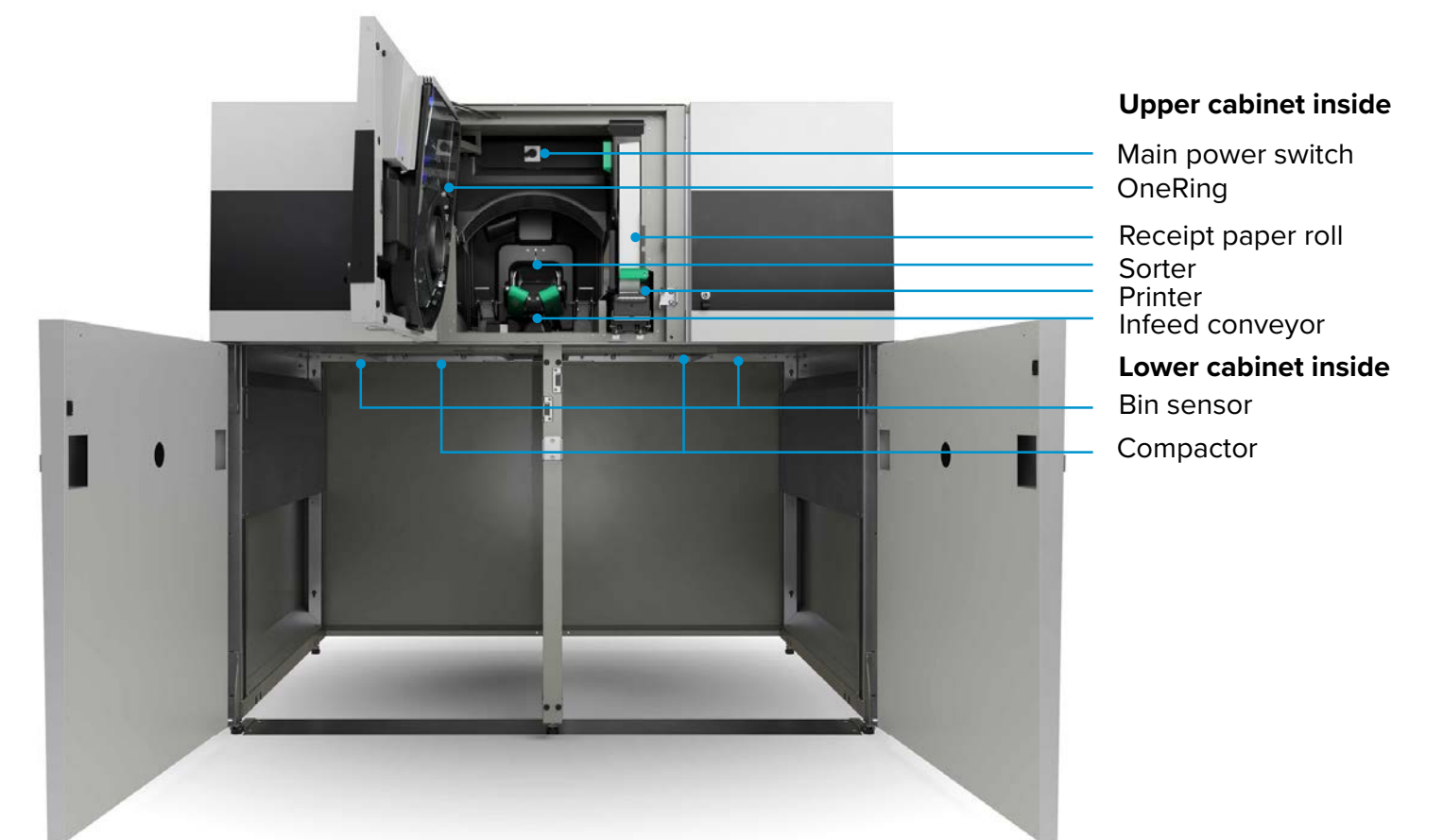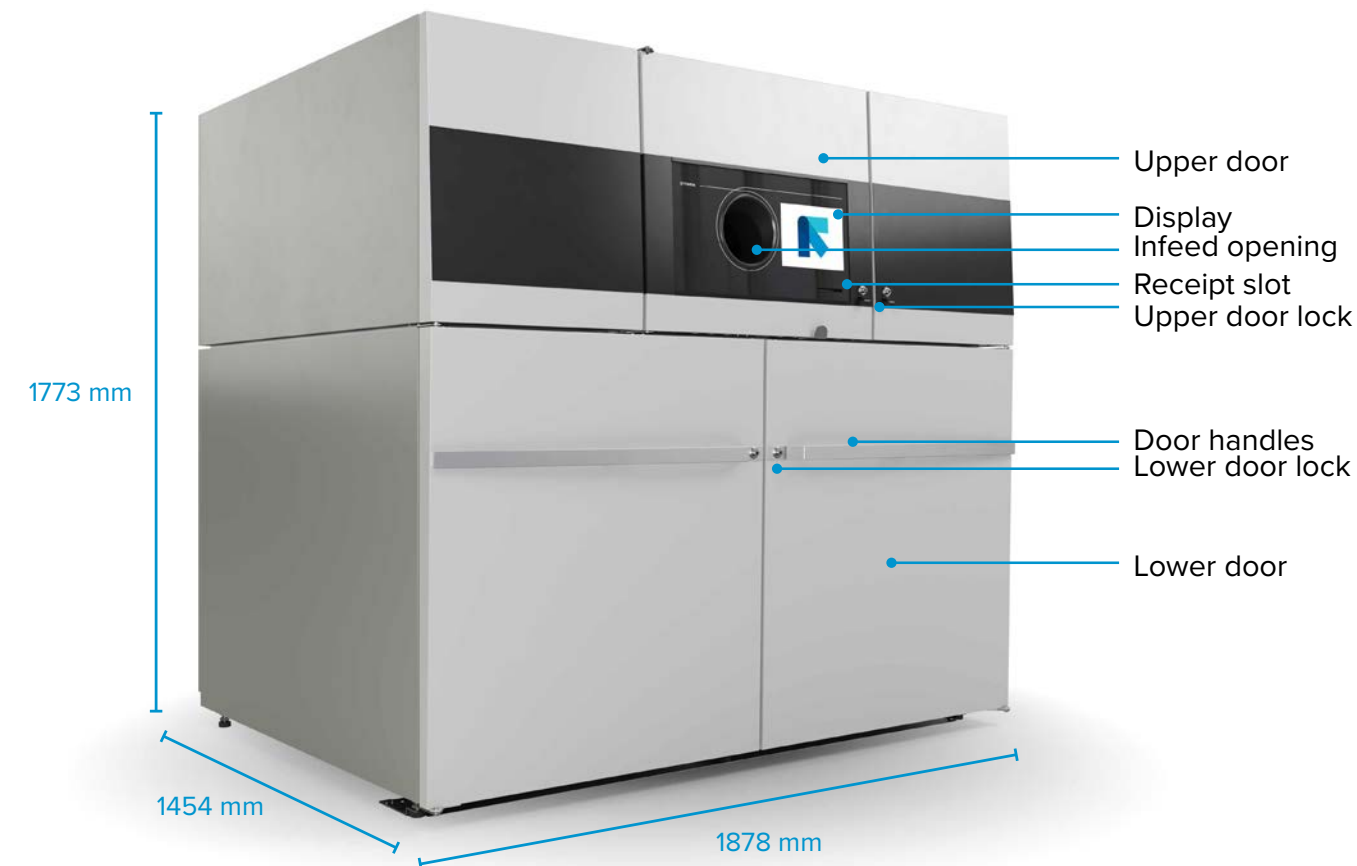

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CLEAN LOOP RECYCLING

- RETURN
- SORT
- PROCESS
- REMAKE
- FILL
- BUY

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 ™

The all-in-one with more to store

1773 mm

1454 mm

1878 mm

Upper door
Display
Infeed opening
Receipt slot
Upper door lock

Door handles
Lower door lock

Lower door

Upper cabinet inside
Main power switch
OneRing

Receipt paper roll
Sorter
Printer
Infeed conveyor

Lower cabinet inside
Bin sensor

Compactor

MEASUREMENTS*

Dimensions [W x D x H]	1878 mm x 1454 mm x 1773 mm
Infeed height	1210 mm
Adjustment range for height	+ 100 mm
Footprint	2.5 sqm
Weight [1]	525 kg

STORAGE CAPACITY*

Accepted containers	Up to 4 types of containers: plastic bottles, cans, refillable and non-refillable glass bottles
Storage capacity per reverse vending machine[3]	**PET bottles:** Up to 3000 (compacted) [3]
	Cans: Up to 12000 (compacted) [3]
	Glass: Up to 300
Container sizes	50-130mm x 80-380mm (D x H)

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.

[1] May Vary according to packaging.
[2] Performance data may vary across markets, deposit regulations and system requirements.
[3] Capacities will vary with object mix, type and system configuration.

STANDARD CONFIGURATION*

Machine type	Standalone reverse vending machine
Bin unload direction	Free-standing, front or rear unload. Also available in wall-mounted version.
Number of cabinets & bins	2 cabinet, 3 bins. Also available as 2x1/1 Euro pallet.
Compactors	PET Crusher, Can Crusher, Mix Crusher, Glass Crusher. SoftDrop bin for refillable glass bottles.
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

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)

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Get in the Loop at 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.

ISO 9001 + 14001 Certified

NORWEGIAN ACCREDITATION NS/ISO
Certificate no. 900031

RECOGNITION

Recognition technology	TOMRA Flow Technology™ (360° instant recognition, shape recognition, full container detection, barcode recognition, metal detection)
Speed capability	Up to 45 containers per minute [2]

ELECTRICAL

Power consumption	Idle 60 W – Max. 2,5 kW
Mains EU	400V AC – 3-phase w/ ground, 50Hz, 16A

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).

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 over 82,000 installations across more than 60 markets, retailers and consumers around the world rely on our reverse vending machines to collect more than 45 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**

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