



# T9

with MultiPac

Say hello to high volume



FLEXIBLE LINE





## The most efficient single-feed recycling experience you can offer your customers

Double the number of customers you can serve at one time. Breeze through twice as much volume with two T9 recycling stations on a single backroom unit.



## Go ahead, turn up the volume

Accept the most containers and crates of any single-feed machine before emptying a bin. Dual feeds with TOMRA Flow technology keep the input stream moving quickly, and the MultiPac offers up to seven cabinets for the largest storage capacity available.



## Downtime-free maintenance

With dual lines and bin re-routing available, there's always a line running, even during bin exchange, routine service or cleaning. And with fewer components and intuitive interfaces, cleaning is done in a flash.



## Made to order just for your store

Each T9 MultiPac system is crafted to fit the needs of your customers and your store. Accept any type of recyclables including refillables and crates. Choose from a wide selection of cabinet configurations and end-of-lane kits as your volume and mix of recyclables require.



## Digital tools streamline your store operations

T9 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.



## Recycle, reuse, re-think? We can always update your program

Our systems are scalable, so when things change, we can make it work by updating your configuration or expanding your capacity.



# 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.



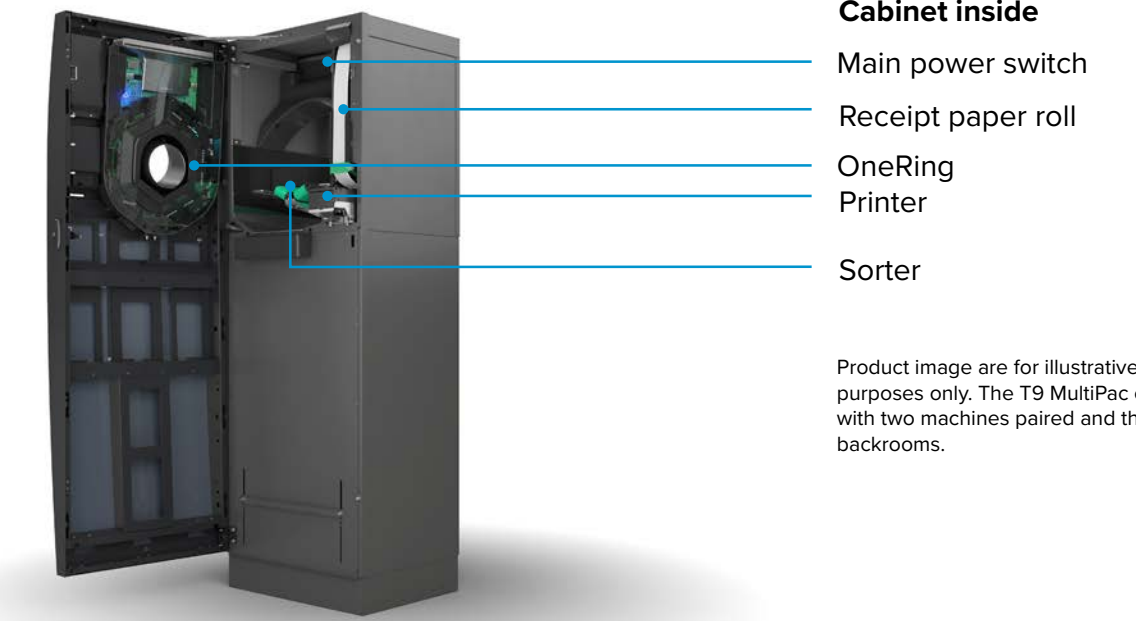
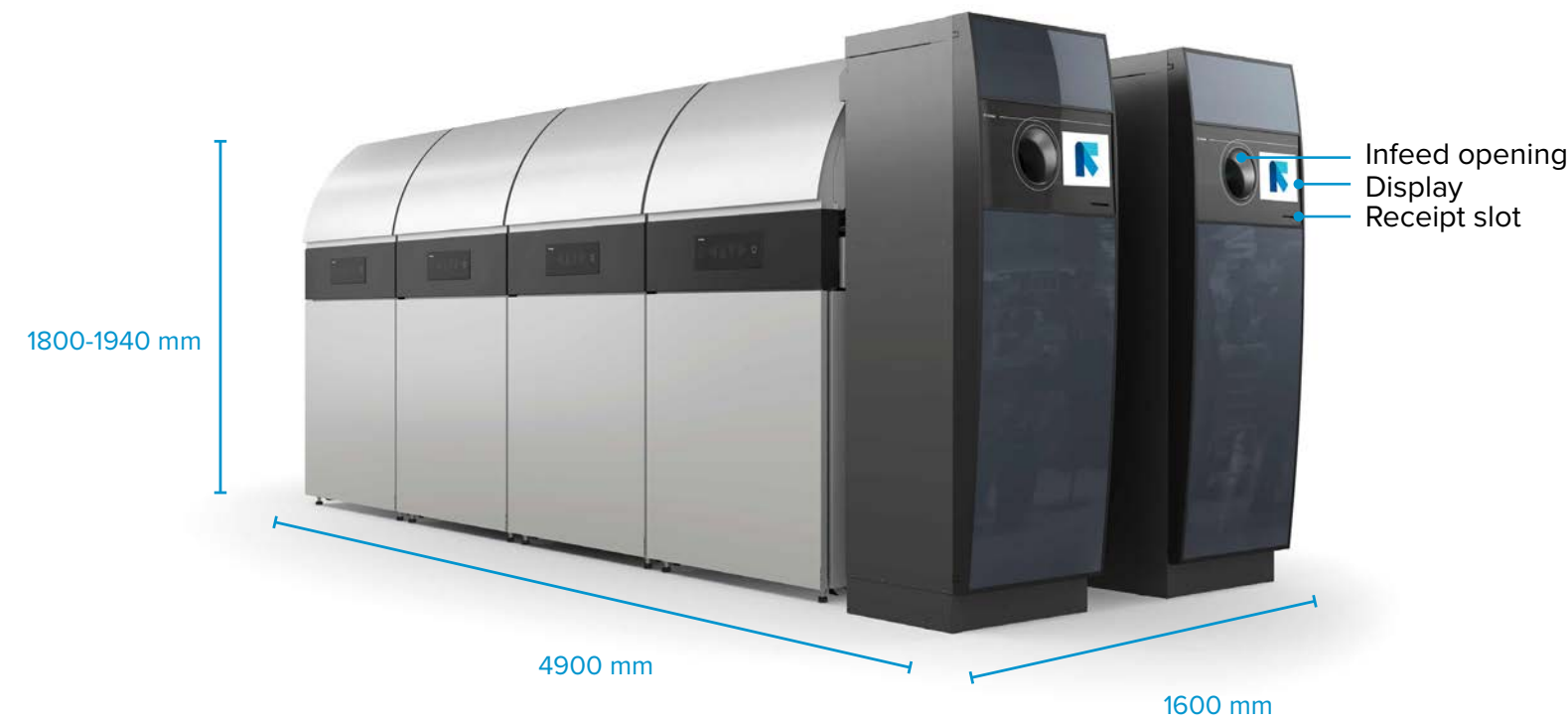
Let's put recycling to work for you

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 T9™

## with MultiPac

Say hello to high volume



### MEASUREMENTS\*

<b>Dimensions [W x D x H]</b>	1600 mm x 4900 mm x 1800-1940 mm
<b>Infeed height</b>	1210 mm
<b>Adjustment range for height</b>	+ 100 mm
<b>Footprint <sup>1</sup></b>	7.8 sqm (rectangular footprint)
<b>Weight <sup>2</sup></b>	525 kg

### STANDARD CONFIGURATION\*

<b>Machine type</b>	Consumer-facing reverse vending machine
<b>Number of cabinets &amp; bins</b>	2-7 cabinets
<b>Tunnels</b>	Short (no crate), medium or long tunnel (for crates)
<b>Cabinet configuration</b>	PET crusher / Can crusher / Mix crusher / Glass crusher / Glass drop
<b>End-of-lane kits:</b>	Rear chute/ SoftDrop / Table with raiser
<b>Colors</b>	RAL 7042 [possible to wrap machine for a custom look]
<b>User interface</b>	<b>Display:</b> 10,4" touch display, video and sound capabilities, user guidance on machine screen <b>Printer:</b> Thermal printer
<b>Colors</b>	<b>TOMRA T9 Bottle and TOMRA T9 Bottle Crate;</b> Light grey NCS S3005-R80B, dark grey NCS S7005-R80B, red NCS S1580-Y90R, and black Choose between glossy or matte (front door) Custom color and décor print upon request <b>MultiPac Cabinet;</b> Two-tone black and grey

### ENVIRONMENTAL

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

### RECOGNITION

<b>Recognition technology</b>	TOMRA Flow Technology™ (360° instant recognition, shape recognition, full container detection, barcode recognition, metal detection) and TOMRA True Vision <sup>3</sup> (Crate and content detection)
<b>Speed capability <sup>4</sup></b>	60 containers per minute, 1 crate per minute <sup>3</sup>

### STORAGE CAPACITY\*

<b>Accepted containers</b>	Up to 3 types of containers: Cans, plastic bottles, glass bottles and crates <sup>3</sup>
<b>Storage capacity per bin</b>	<b>PET bottles:</b> Up to 1500 (compacted) per bin <sup>5</sup> <b>Cans:</b> Up to 6000 (compacted) <b>50/50 mixed PET bottles/cans:</b> 2000 (compacted using mix crusher) <b>Glass bottles:</b> Up to 400 <sup>6</sup>
<b>Container sizes</b>	50-130 mm x 80-380 mm (D x H)
<b>Crate size</b>	Min: W: 120, H: 100, L: 120 mm/ Max: W: 405, H: 405, L: 530 mm

### ELECTRICAL

<b>Power consumption</b>	Idle 60 W – Max. 2.5 kW
<b>Mains EU</b>	<b>MultiPac:</b> 400 V AC, 3-phase w/ground, 50 Hz, 16 A <b>TOMRA T9:</b> 230 V AC, 1-phase w/ground, 50 Hz, 10 A

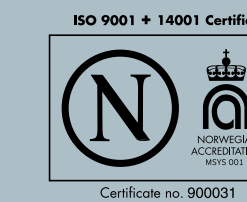
### CONNECTIVITY

<b>External IT interface</b>	LAN (Ethernet TCP/IP), POS compatible
<b>Digital tools</b>	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> Nominal figures for required system footprint (service area not included), configured as shown. Depth increases 1000 mm per additional cabinet for MultiPac.  
<sup>2</sup> May vary according to packaging.  
<sup>3</sup> TOMRA T9 Bottle Crate.  
<sup>4</sup> Performance data may vary across markets, deposit regulations and system requirements.  
<sup>5</sup> Weight limitation, approximate number.



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**  
 This product is a configurable system of machine components. When assembled on installation site, tested and connected to the grid, the installation must be labelled and have the CE mark affixed. The CE marking is based on 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).

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 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.

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