

# T-9

## MAKE IT EASY

T-9 is a new front end machine featuring TOMRA Flow Technology™ - the world's first 360 degree recognition system in a reverse vending machine.

T-9 solves core tasks in completely new ways providing unique benefits to new as well as existing customers. It is the first of a new generation that will redefine industry standards leaving you prepared for today and tomorrow.

- + Faster than ever
- + Easier to keep clean
- + Prepared for other types of beverage packaging
- + Perfect for customization

**FAST & EASY**  
**ENGAGING**  
**SMART**



### FASTER

The T-9 instantly reads barcodes and security marks without rotation stops, allowing the user to insert containers in a rapid continuous flow, increasing convenience and peak-hour capacity.



### CLEANER

Smart design and intuitive interfaces make the cleaning process easier. It is easy to remove the conveyer and it can be cleaned by a cloth or under running water when needed.



### TAKES ALL

TOMRA Flow Technology handles containers other technologies can't. This opens new possibilities for what can be collected - even new material fractions in future recycling schemes.

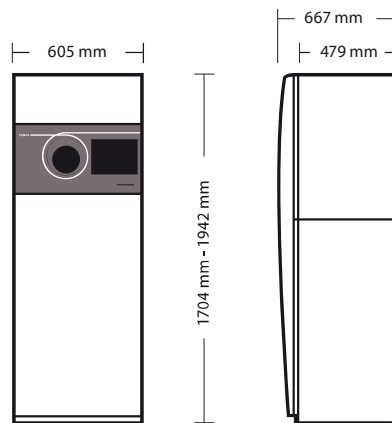


### TOMRA FLOW TECHNOLOGY

Equipped with TOMRA Flow Technology, the world's first 360-degree instant container recognition system in a reverse vending machine. It ensures a unique level of operational efficiency, reliability and user convenience.

# T-9 Bottle


## Dimensions



Bottle machine  
Weight: 119 kg  
Footprint: 0.40m<sup>2</sup>

Optional  
Steel wall frames (in cabinet color)  
Width: + 100mm each side

Container specifications	Speed capability	Environmental	Electrical	Connectivity
<p>Bottle size: Diameter 50-130 mm Height 85-380 mm</p> <p>Can size: Diameter 50-100 mm Height 80-200 mm</p> <p>Glass, plastic and cans (steel and aluminum)</p>	<p>Shape &amp; barcode reading</p> <p>Up to 60 containers per minute</p>	<p>Humidity: Maximum 90% relative humidity, non-condensing</p> <p>Temperature: +10°C to +40°C (32°F-104°F)</p> <p>The machine has been designed for indoor use only</p>	<p>Power consumption: Idle 53W</p> <p>Mains: 230 V, AC 1-phase w/ground, 50 Hz, min 10A, max 16A</p>	<p>LAN (Ethernet TCP/IP)</p>

Configurations	Recognition	User interaction	Door Colors
<p>Bottle machine</p> <p>Combi machine (Bottle and Crate)</p>	<p>TOMRA Flow Technology™</p> <p>For both refillable and non-refillable</p> <p>Shape recognition</p> <p>Barcode recognition</p> <p>Full container detection</p> <p>Metal detection</p>	<p>10.4" high resolution color</p> <p>User guidance in display</p> <p>Video and sound</p>	<p>Standard colors: Light grey NCS S3005-R80B Dark grey NCS S7006-R80B Red NCS S1580-Y90R Black</p>  <p>Choose between glossy or matt (door)</p>

*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 and/or SOCSE L.A. assumes no liability for any errors, inaccuracies or omissions that may occur. All products and offers are subject to country availability.*

## LEADING THE RESOURCE REVOLUTION

35 billion used beverage containers are captured every year by TOMRA's reverse vending machines. TOMRA's total avoided greenhouse gas emission equals the annual emissions from 2 million cars -each driving 10.000 kilometers.



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LEGAL COMPLIANCE  
This product is CE-marked in accordance with the following directives:  
- 2006/42/EU, Community Legislation on Machinery  
- 2014/30/EU, Electromagnetic Compatibility (EMC)  
- 2011/65/EU, Restrictions of Hazardous Substances (RoHS)  
- 2012/19/EU, Waste Electrical and Electronic Equipment (WEEE)



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.



Certificate no. 900031