

# T-9 COMBI

## 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 Combi additionally features the industry-leading TOMRA True Vision™ crate recognition technology.

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



### FASTER

#### ER

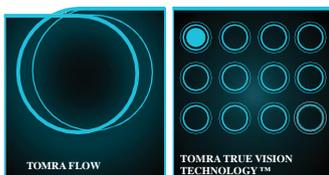
The T-9 instantly reads barcodes and security marks without rotation stops, allowing the user to insert containers in a rapid continuous flow, increasing convenience and peak-hour capacity.

### CLEAN

Smart design and intuitive interfaces reduce the need for cleaning and at the same time make the machine easier to clean.

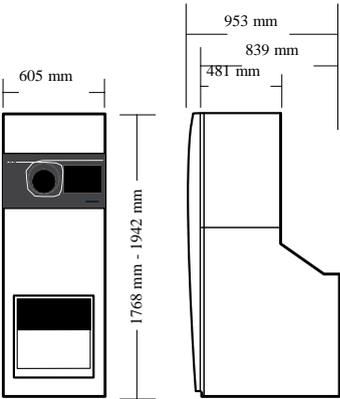
### TAKES ALL

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.



T-9 is equipped with TOMRA Flow Technology™, the world's first 360 degree instant recognition system in a reverse vending machine. TOMRA Flow Technology™ ensures a unique level of operational efficiency and reliability, and the most flowing user experience. Together with industry-leading TOMRA True Vision Technology™ for crates, T-9 offers the highest level of accuracy, security and user convenience.

# T-9 Combi

Dimensions		Compatibility		
 <p><b>Combi</b> Weight: 200 kg Footprint: 0.58m<sup>2</sup></p> <p><b>Optional</b> Steel wall frames (in cabinet color) Width: + 100mm each side</p>		<p><b>T-9 is compatible with:</b></p> <p><b>EasyPac™</b> Based on a building-block concept providing a unique grade of flexibility. Each cabinet is an independent unit with sorter, compactor and up to two storage destinations.</p> 		
Container specifications	Speed capability	Environmental	Electrical	Connectivity
<p><b>Bottle size</b> Diameter 50-130mm, Height 85-380mm</p> <p><b>Can size</b> Diameter 50-100mm, Height 80-200mm</p> <p><b>Glass, plastic and cans (steel and aluminum)</b></p> <p><b>Crate</b> Min: W: 120, H: 100, L: 120 mm Max: W: 405, H: 405, L: 530 mm</p>	<p><b>Shape &amp; barcode reading</b> Up to 60 containers per minute</p> <p><b>Crate recognition</b> Up to 21 crates per minute</p>	<p><b>Humidity</b> Maximum 90% relative humidity, non-condensing</p> <p><b>Temperature</b> +10°C to +40°C</p> <p>The machine has been designed for indoor use only</p>	<p><b>Power consumption</b> Idle 65W</p> <p><b>Mains</b> 230 V AC 1-phase w/ground 50 Hz, min 10A, max 16A</p>	<p>LAN (Ethernet TCP/IP) interface</p> <p>POS compatible</p>

Models	Recognition	User interaction	Door colors
Combi machine (Bottle and Crate)	<p><b>TOMRA Flow Technology™</b></p> <p><b>TOMRA True Vision™ Technology</b></p> <p><b>For both refillable and non-refillable</b></p> <p>Barcode recognition Shape recognition Full container detection Metal detection</p> <p><b>Optional</b> Security mark recognition in addition</p>	<p>10,4" high resolution color touch display</p> <p>User guidance in display and in crate part Video and sound</p> <p>Includes TOMRA<i>Plus</i> BASE Prepared for TOMRA Value Adding Services</p>	<p>Acrylic sheet, one side glossy, one side matt (door)</p> <p><b>Standard colors:</b> Light grey NCS S3005-R80B Dark grey NCS S7005-R80B Red NCS S1580-Y90R Black ALTUGLAS 121 48000</p>  <p>Custom color and décor print upon request</p>
Bottle machine			

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.

## 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.



**3B Consulting**  
 **TOMRA**  
 COLLECTION SOLUTIONS | REVERSE VENDING  
**Via della Plastica 4**  
**15121 Alessandria Italy**  
**Telefono & Telefax +39 0131 218418**  
**info@loverecycling.it**

