

# T-53s

## A VERSATILE SOLUTION

T-53s is an InPac™ solution with clean and robust design, ideal for low to medium volumes of non-refillable containers.

T-53s has built-in compaction and accumulation, is reliable in use and is scaled for retailers in need of an efficient and basic return solution for handling empty beverage containers.

T-53s is also available in an ADA\*-compliant version.



\* T-53s ADA-compliant (U.S. law on disabilities)

### DURABLE AND ROBUST

- Durable steel doors
- Optional security lock for maximum material safety
- Ideal for sheltered outdoor/ parking area installations

### FLAT CABINET

- Ideal for custom wrapping and advertising
- Customize to fit your brand profile
- Reinforced and durable steel doors

### AVAILABLE IN ADA-COMPLIANT VERSION

- Designed in full compliance with ADA\* measurements
- Same exterior design as the regular so they fit together when placed side by side



### CORE RECOGNITION TECHNOLOGY



TOMRA's reverse vending machines are equipped with TOMRA's unique patented recognition technology. T-53s has Sure Return™ container recognition, ensuring correct deposit refunds, the best protection against fraud, and a fast return process for your customers.

Dimensions		Storage capacity (appr. figures with shakedown)		
<p>Machine weight: 283-381 kg/624-841 lbs Footprint: 0.79m<sup>2</sup></p> <p>ADA compliant</p>			<b>STANDARD</b>	<b>ADA</b>
		PET crusher:	450 bottles	350 bottles
		Can crusher:	1500 cans (mix of 0.33/0.5) 2500 (0.33) 1700-1900 (0.5)	1000 cans (mix of 0.33/0.5)
		Glass crusher:	2 x 200 bottles Two-way sorting of glass is possible.	2 x 125 bottles
		Glass Free Drop:	300 bottles Two-way sorting of glass is possible.	250 bottles Two-way sorting of glass is possible.
		PET flaker:	1250 bottles (mix of 0.5/1.5)	750 bottles
		Combi Can/ PET crusher:	900 cans 200 PET bottles Two-way sorting of Can/PET is possible.	750 cans 150 PET bottles Two-way sorting of Can/PET is possible.
<small>Based on standard bin size: W: 680 /26.77" x D: 830 /32.68" x H: 850 /33.46" Based on ADA bin size: W: 680 /26.77" x D: 830 /32.68" x H: 690 /27.16"</small>				
Container specifications	Speed capability	Environmental	Electrical	Connectivity
<b>Fractions:</b> Non-refillable PET, can, glass  <b>Bottle size</b> Diameter 50-130 mm/ 1.97"-5.12" Height: 85-380 mm/ 3.35"-14.96"  <b>Can size</b> Diameter 50-100 mm/ 1.97"-3.94" Height: 80-200 mm/ 3.15"-7.87"	<b>Shape &amp; barcode reading</b> Up to 42 containers per minute	<b>Humidity</b> Maximum 90% relative humidity, non-condensing  <b>Temperature</b> +10°C to +40°C/ 50°F - 104°F  The machine has been designed for indoor use, but can be installed outdoor in shelter.	<b>Power consumption</b> Idle 50W, Max 120-800W  <b>Mains</b> Mains US: 208 V AC 3-phase w/ground 60Hz, 20A  <b>Mains EU:</b> 400 V AC 3-phase w/ground 50Hz, 16A	LAN (Ethernet TCP/IP) interface
Configurations	Recognition	User interaction	Door colors	Accessories
Regular ADA Freestanding, front unload	<b>TOMRA Sure Return™</b> Technology  Shape recognition Full container detection  <b>Optional</b> Barcode recognition Security mark recognition Metal detection Bottle Material Sensor	5,7" LCD color display User guidance in display Sound  Includes TOMRAplus BASE Prepared for TOMRA Value Adding Services	<b>Standard colors:</b> Dark grey steel	Security lock ISDN Electronic receipt (POS)

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.



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**LEGAL COMPLIANCE**  
This product is CE-marked in accordance with the following directives:  
2006/42/EF, Machinery, including Electric Safety 89/336/EEC, 92/31/EEC, 93/68/EEC (Electromagnetic Compatibility) 2011/65/EC, RoHS (Restrictions of Hazardous Substances)  
It also complies with the directives:  
2002/96/EC, WEEE (Waste Electrical and Electronic Equipment)

**CE** **TOMRA CERTIFICATION**  
This product is developed and produced according to ISO standards 9001 and 14001

