

# H-10/H-11

## THE ENGAGING

The H-10 and H-11 reverse vending machines (RVM) offer a clean and robust design, with multiple recognition functions, ideal solution for receiving low to medium volumes of containers. H-10 and H-11 take one-way, non-refillable containers (Such as glass bottles). Additionally, H-11 is equipped with a SoftDrop™ safe-landing unit to receive refillable containers perfectly.

Both H-10 and H-11 feature a touch screen with a large, 21.5” display, provide a good user experience and suited for branding and promotional activities.

- H-10 & H-11 collect cans and/or plastic bottles (H-11 can also take refillable containers with SoftDrop™)
- 66% higher storage capacity than its predecessor
- Optical fraud protection
- Intelligent electronic key
- Support for selected E-wallet solutions and system intergration for third-party
- IMP system accessible
- Support for plug-and-play



### DURABLE AND ROBUST

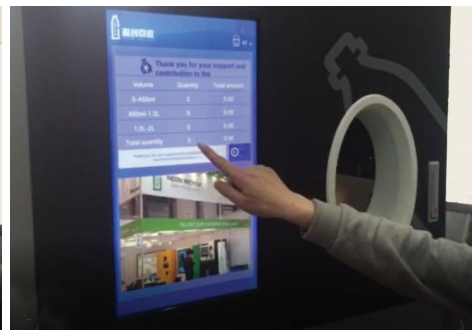
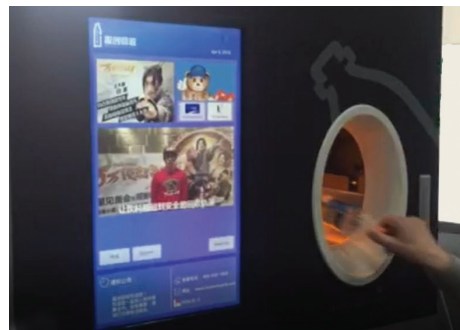
- Reinforced and durable steel doors
- Ideal for tight spaces

### FLAT CABINET

- Ideal for custom wrapping and brand promoting
- Customizable to fit your brand profile
- Easy to maintenance and cleaning

### SAFE RECYCLING

- Double recognition, safe and reliable operation process
- Analyse moving path while provide hands protection



### 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.

# H-10/H-11

Dimensions		Storage capacity (appr. figures with shakedown)		
<p><b>Machine weight:</b> H-10 230 kg / H-11 270kg Footprint: 0.81m<sup>2</sup></p>		<b>UPPER STORAGE 1 (UNMIXED, SINGLE CATEGORY RECYCLE)</b>		
Cans:	380 cans (0.33L)			
Plastic bottles:	240 bottles (0.5L)			
Plastic bottles:	90 bottles (1.5L)			
<b>LOWER STORAGE 2 (UNMIXED, SINGLE CATEGORY RECYCLE)</b>				
	<b>BAG RACK</b>	<b>SOFTDROP™</b>		
Cans:	520 cans (0.33L)	400 cans (0.33L)		
Plastic bottles :	350 bottles (0.5L)	250 bottles (0.5L)		
Plastic bottles:	150 bottles (1.5L)	110 bottles (1.5L)		
Glass:	N/A	170 bottles (0.6L)		
Based on bin size: W:600 x D:800 x H:850 mm				
Container specifications	Speed capability	Environmental	Electrical	Connectivity
<b>Material types</b> Non-refillable plastic bottle, can and glass (no compaction). Refillable bottles can be accepted with the SoftDrop™ bin  <b>Container size</b> Diameter 50-115 mm, Height 80-380 mm	<b>Shape &amp; barcode reading</b> Up to 15 containers per minute	<b>Humidity</b> Maximum 90% relative humidity, non-condensing  <b>Temperature</b> 0°C to +40°C (32°F - 104°F) The machine has been designed for indoor use only	<b>Power consumption</b> H-10: Idle 50W, Max(approx.) 70W H-11: Idle 50W, Max(approx.) 300W  <b>Nominal voltage</b> 100-240 V AC 1-phase w/ground 50/60 Hz  <b>Fuse</b> min 10A	LAN (Ethernet TCP/IP) 3G/4G/5G
Configurations	Recognition	User interaction	Software	Accessories
Internal SoftDrop™ (H-11) or freestanding rack Front unload; Up and down separated storage	Shape recognition Barcode recognition	21.5" touch display  <b>Resolution</b> WSUVGA+(WSUGA/HDTV) 1920(H) ×1080(W)  <b>Support color:</b> 16.7M (RGB 8-bits) User guidance in display	Barcode database management Advertising and media management Alarm management Reports management Customers management Maintenance management	Advertising light box* QR reader* RFID card reader* Magnetic card reader* NFC reader* Wireless communication module Power consumption metering module Electronic receipt (POS)  *Non-standard accessories

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.

## INCOM TOMRA

INCOM TOMRA Recycling Technology (Beijing) Co., Ltd. ("INCOM TOMRA" as the abbreviation) is a Chinese-Norwegian joint venture. INCOM TOMRA was established in March 2016 by Beijing INCOM RECYCLE Co., Ltd from China and Tomra Systems ASA from Norway together. The major purpose of this venture is promoting, selling and servicing Reverse Vending Machines (RVMs) that are developed by the two shareholders and sister companies.

TOMRA is a world leader in Sorting and Collection solutions, and INCOM RECYCLE is the biggest operator and supplier of Smart Municipality recycling solutions in China. Relying on support from TOMRA and INCOM RECYCLE, INCOM TOMRA can supply to partners a full package of RVM solutions for different applications.

INCOM TOMRA is based in China but devoted to promoting smart recycling and the circular economy globally. We use technologies to make our environment and our world green and better.



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