



TOMRA
S2
Rugged Plus™

Tough on the outside,
smart on the inside





Tough, efficient, and ready for the outdoors

Engineered for exceptional durability and system integrity, TOMRA S2 Rugged Plus is made to withstand the elements. Conveniently placed outside your store, it saves valuable indoor space while making container returns easy for customers. With high storage capacity and advanced digital tools, it delivers operational efficiency and a seamless recycling experience.



Convenient, fast and effortless recycling

Enhance the recycling experience with TOMRA S2 Rugged Plus. Its clear, easy-to-read on-screen instructions, even in bright sunlight, and an optional weather-protection hood ensure a smooth experience in any condition. Powered by TOMRA Flow Technology™, it provides instant container recognition, minimizing wait times and letting customers get back to shopping quickly.



Maximize availability, simplify maintenance

TOMRA S2 Rugged Plus is built for reliable, consistent performance, offering two Euro-pallet-sized bins for ample storage capacity and seamless integration with your store's logistics. An optional re-routing function ensures uninterrupted service even after one bin is full, maximizing availability while reducing store personnel's involvement. Handle peak hours, streamline operations, and enhance convenience effortlessly.

Designed to grow with your business

Streamline operations for both your store and customers by accepting, compacting, and storing plastic bottles and cans in one standalone solution. TOMRA S2 Rugged Plus can be easily upgraded with the SoftDrop module to handle reusable bottles safely, offering the flexibility to adapt as your business evolves.



Smart connectivity for productivity and performance

TOMRA S2 Rugged Plus integrates seamlessly with our digital tools and APIs, unlocking advanced capabilities to maximize your machine's lifetime value. Real-time monitoring empowers store personnel to address issues proactively, ensuring uninterrupted service and smooth operations. Leverage operational insights to continuously optimize performance, while fast, secure deposit return payouts keep customers coming back, enhancing satisfaction and loyalty.



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.

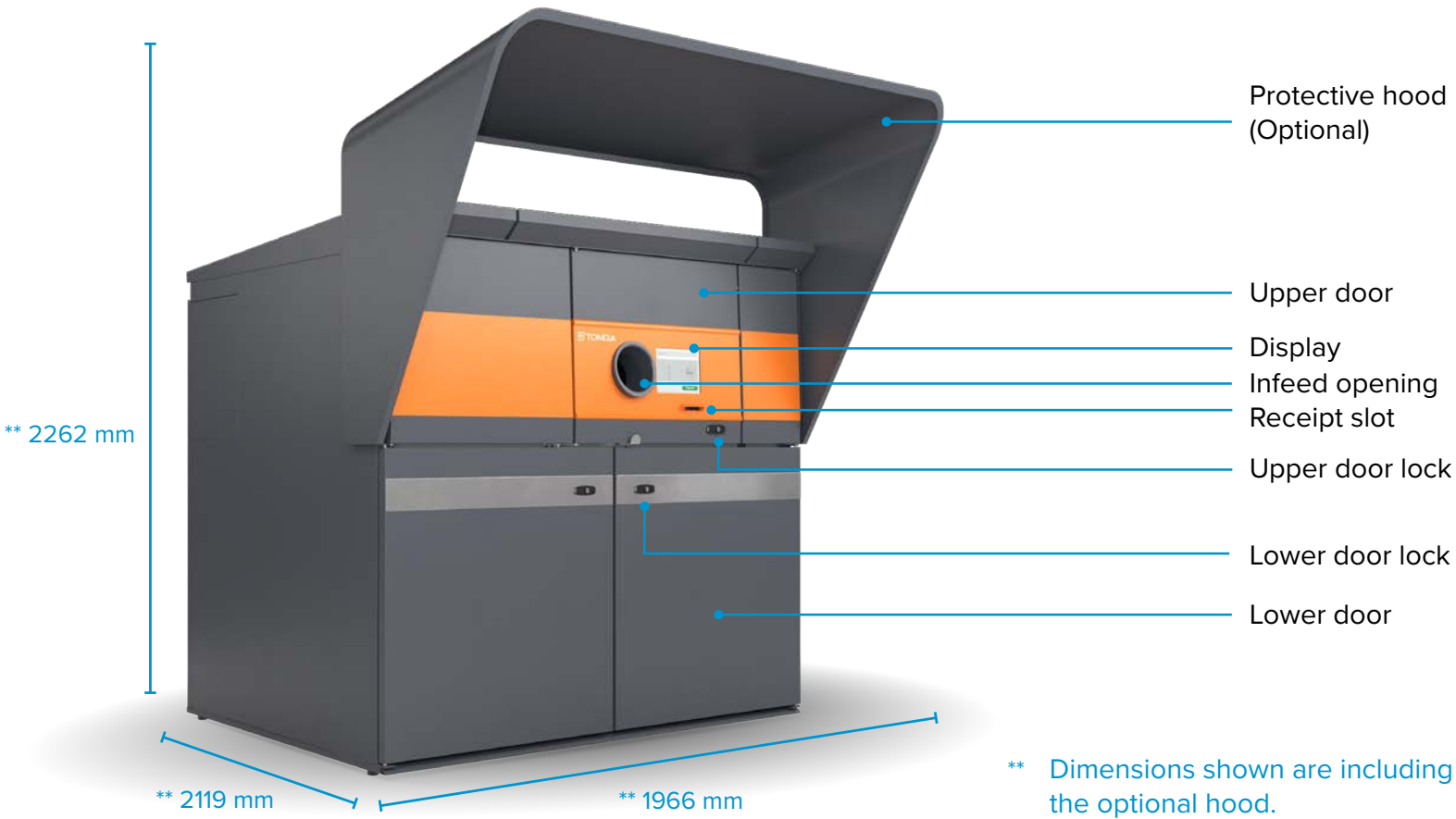


Let's put recycling to work for you

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**.

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MEASUREMENTS

Dimensions [W x D x H]	1886 mm x 1489 mm x 1794 mm
Infeed height	1210 mm
Footprint	2.8 sqm
Weight	568 kg

STANDARD CONFIGURATION

Machine type	Standalone reverse vending machine
Bin unload direction	Front unload
Number of cabinets & bins	1 cabinet and 2 bins (2 x EU 1/1 pallet inside)
Compactors ¹	PET crusher / Can crusher / Mix crusher / Glass crusher and Drop
Colors	RAL 7024 (possible to wrap machine for a custom look)
User interface	Display: 10,4" touch display with high brightness, suitable for direct sunlight exposure, video and sound capabilities, user guidance on machine screen
Printer:	Thermal printer

RECOGNITION

Recognition technology	TOMRA Flow Technology™ (360° instant recognition, shape recognition, full container detection, barcode recognition, metal detection)
Speed capability *	Up to 45 containers per minute

STORAGE CAPACITY*

Accepted containers	Up to 3 types of non-reusable containers: plastic bottles, cans and glass bottles or a mix
Storage capacity per bin ³	Plastic bottles: Up to 1400 (compacted) Cans: Up to 5100 (compacted) Glass bottles: Up to 300 (crushed)
Container sizes	50-130 mm x 80-360 mm (D x H)

ENVIRONMENTAL

Humidity	Maximum 90% relative humidity, non-condensing
Temperature ²	Standard: 0° C to +40° C / 32° F to +104° F With heater: -20° C to +40° C / -4° F to +104° F, functionality tested and functional performance verified according to EN 60204-1:2018
Noise ³	PET bottles (compactor): Lw = 79.3 dBA / Lp,d@1m = 62,3 dBA* (*All values ± 4dB). Aluminum cans (compactor): Lw = 78.7 dBA / Lp,d@1m = 61,7 dBA* (*All values ± 4dB). Glass bottles (glass crusher): Lw = 92.5 dBA / Lp,d@1m = 75,5 dBA* (*All values ± 4dB).
IP code	IPX4 according to EN 60529

ELECTRICAL

Power consumption	Idle 61 W - Max. 2.8 kW (1-ph) Idle 61 W - Max. 3.7 kW (3-ph)
Mains EU	400V AC, 3-phase w/ground, 50Hz, 16A 230V AC, 1-phase w/ground, 50Hz, 13-15A

CONNECTIVITY

External IT interface	LAN (Ethernet TCP/IP), POS compatible
Digital tools	Fully compatible with TOMRA's portfolio of digital products and APIs

- * May vary by container type, country, deposit regulations, system configuration, and requirements.
- ¹ Compactor selection may depend on the selected type of power supply on the machine (1ph/3ph)
- ² The enclosure of the product fulfill the demand for an indoor and outdoor placement as a type 3R product according to UL 50E. For Europe the product complies with IPX4 according to EN60529
- ³ Measurements were performed based on ISO 9614-2



Get in the Loop at tomra.com/reverse-vending



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
The CE mark on this product confirms compliance with 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).

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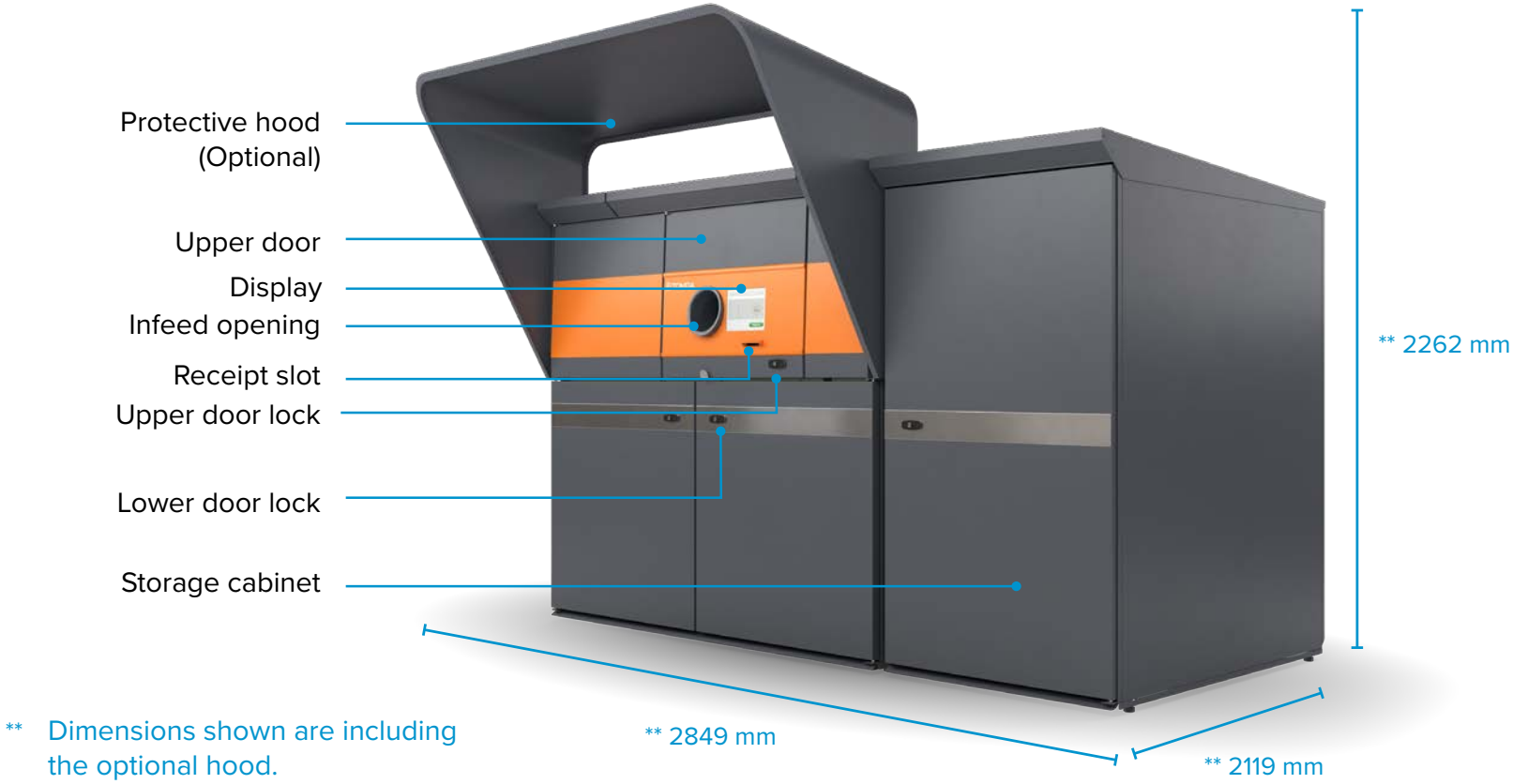
Dimensions [W x D x H]	2849 mm x 1489 mm x 1794 mm
Infeed height	1210 mm
Footprint	4.24 sqm
Weight	733 kg

STANDARD CONFIGURATION

Machine type	Standalone reverse vending machine + storage cabinet
Bin unload direction	Front unload
Number of cabinets & bins	2 cabinets and 2 bins (2 x EU 1/1 pallet inside)
Compactors ¹	PET crusher / Can crusher / Mix crusher / Glass crusher and Drop
Colors	RAL 7024 (possible to wrap machine for a custom look)
User interface	Display: 10,4” touch display with high brightness, suitable for direct sunlight exposure, video and sound capabilities, user guidance on machine screen
Printer:	Thermal printer

RECOGNITION

Recognition technology	TOMRA Flow Technology™ (360° instant recognition, shape recognition, full container detection, barcode recognition, metal detection)
Speed capability *	Up to 45 containers per minute



STORAGE CAPACITY*

Accepted containers	Up to 3 types of non-reusable containers: plastic bottles, cans and glass bottles or a mix
Storage capacity per bin	Plastic bottles: Up to 1400 (compacted) Cans: Up to 5100 (compacted) Glass bottles: Up to 300 (crushed)
Container sizes	50-130 mm x 80-360 mm (D x H)

ENVIRONMENTAL

Humidity	Maximum 90% relative humidity, non-condensing
Temperature ²	Standard: 0° C to +40° C / 32° F to +104° F With heater: -20° C to +40° C / -4° F to +104° F, functionality tested and functional performance verified according to EN 60204-1:2018
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CONNECTIVITY

External IT interface	LAN (Ethernet TCP/IP), POS compatible
Digital tools	Fully compatible with TOMRA's portfolio of digital products and APIs

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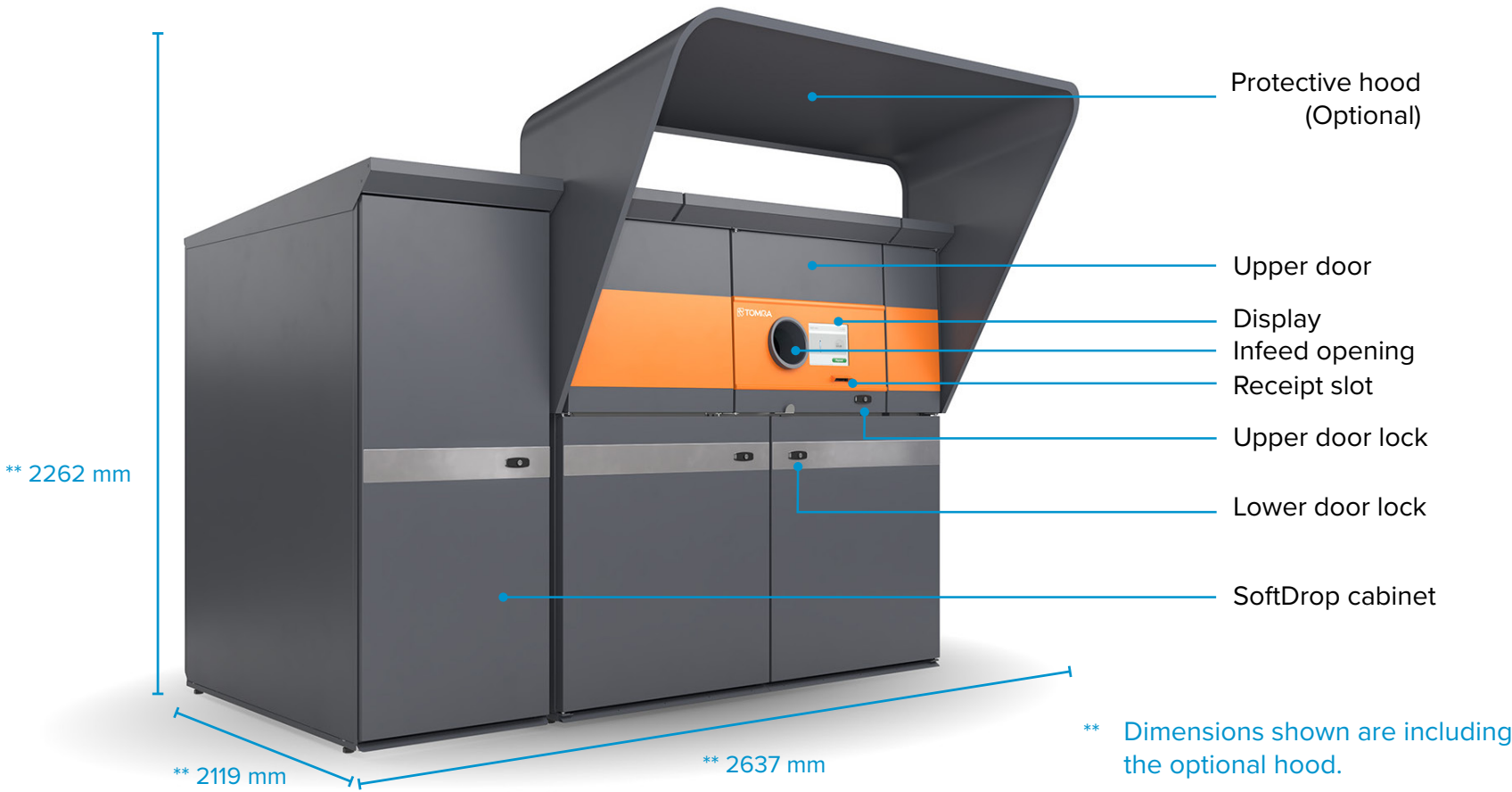
Dimensions [W x D x H]	2637 mm x 1489 mm x 1794 mm
Infeed height	1210 mm
Footprint	4.24 sqm
Weight	803 kg

STANDARD CONFIGURATION

Machine type	Standalone reverse vending machine + SoftDrop cabinet
Bin unload direction	Front unload
Number of cabinets & bins	2 cabinets and 2 bins (2 x EU 1/1 pallet inside and 1 x SoftDrop)
Compactors ¹	PET crusher / Can crusher / Mix crusher / Glass crusher and Drop + SoftDrop
Colors	RAL 7024 (possible to wrap machine for a custom look)
User interface	Display: 10,4” touch display with high brightness, suitable for direct sunlight exposure, video and sound capabilities, user guidance on machine screen
Printer:	Thermal printer

RECOGNITION

Recognition technology	TOMRA Flow (360° instant recognition - shape, smart barcode, weight, and metal detection)
Speed capability *	Up to 45 containers per minute



STORAGE CAPACITY*

Accepted containers	Non-reusable and reusable plastic bottles and glass bottles, and cans or mix
Storage capacity per bin	Plastic bottles: Up to 1400 (compacted) Cans: Up to 5100 (compacted) Glass bottles: Up to 230
Container sizes	50-130 mm x 80-360 mm (D x H)

ENVIRONMENTAL

Humidity	Maximum 90% relative humidity, non-condensing
Temperature ²	Standard: 0° C to +40° C / 32° F to +104° F With heater: -20° C to +40° C / -4° F to +104° F, functionality tested and functional performance verified according to EN 60204-1:2018
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CONNECTIVITY

External IT interface	LAN (Ethernet TCP/IP), POS compatible
Digital tools	Fully compatible with TOMRA's portfolio of digital products and APIs

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² The enclosure of the product fulfill the demand for an indoor and outdoor placement as a type
3R product according to UL 50E. For Europe the product complies with IPX4 according to EN60529
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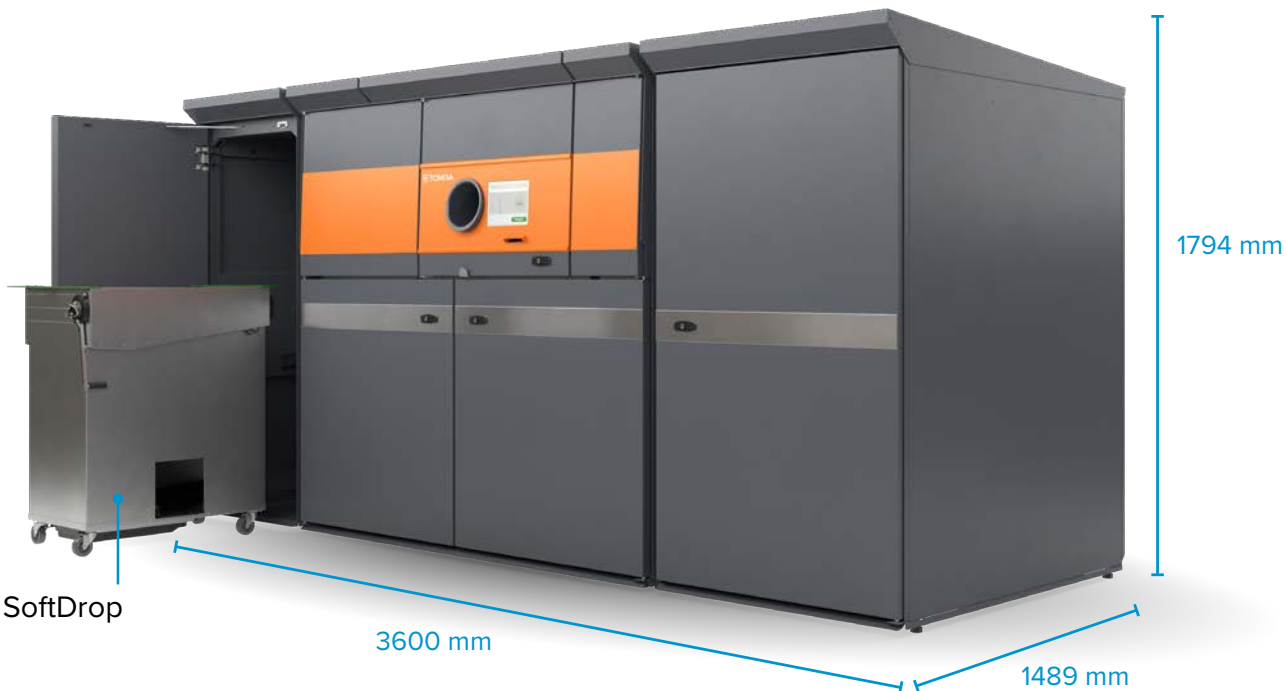
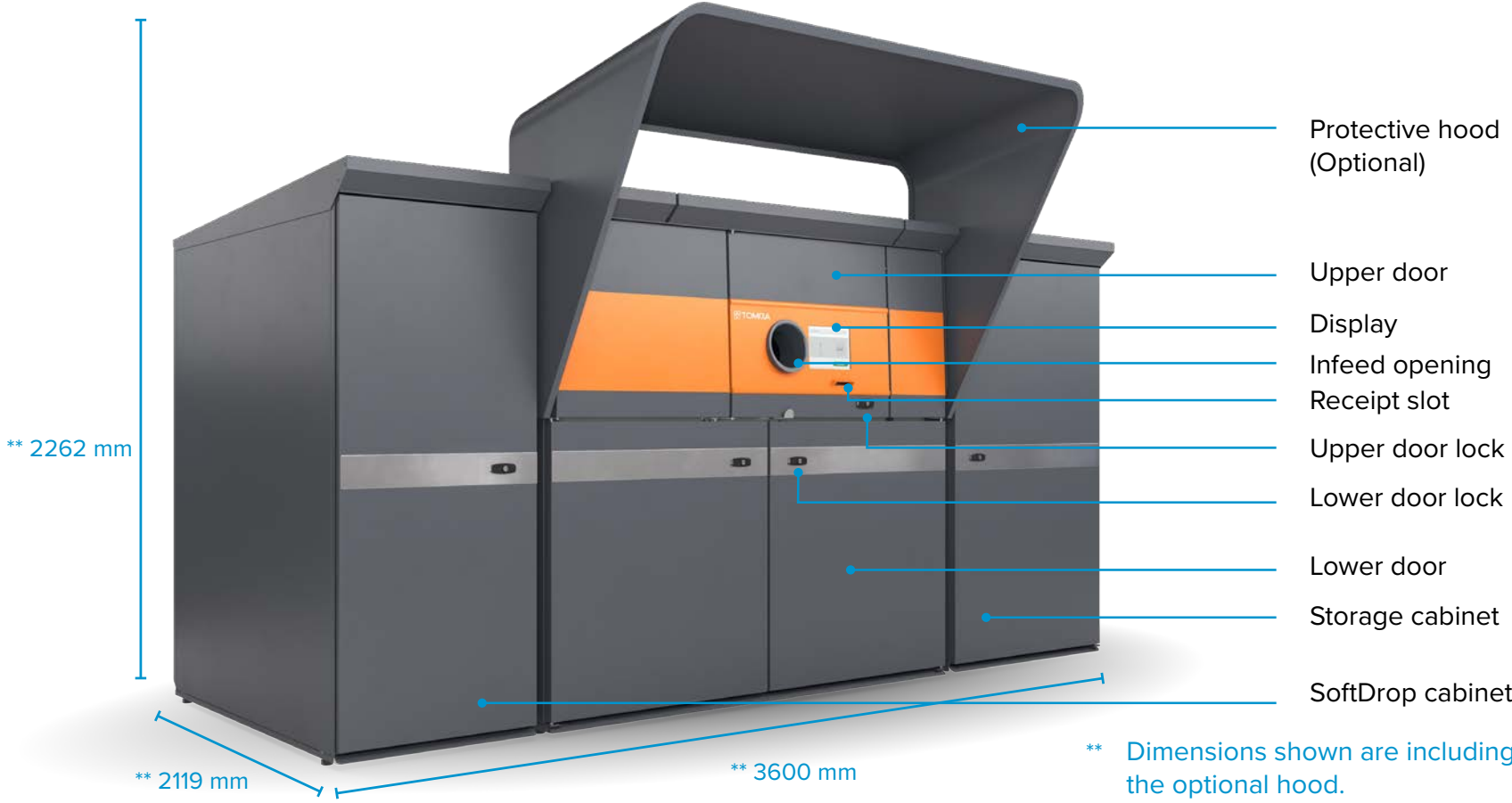


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TOMRA S2 Rugged Plus / ENG/11.2025

MEASUREMENTS

Dimensions [W x D x H]	3600 mm x 1489 mm x 1794 mm
Infeed height	1210 mm
Footprint	5.36 sqm
Weight	968 kg

STANDARD CONFIGURATION

Machine type	Standalone reverse vending machine + storage cabinet + SoftDrop cabinet
Bin unload direction	Front unload
Number of cabinets & bins	3 cabinets and 2 bins (2 x EU 1/1 pallet inside and 1 x SoftDrop)
Compactors ¹	PET crusher / Can crusher / Mix crusher / Glass crusher and Drop + SoftDrop
Colors	RAL 7024 (possible to wrap machine for a custom look)
User interface	Display: 10,4” touch display with high brightness, suitable for direct sunlight exposure, video and sound capabilities, user guidance on machine screen
Printer:	Thermal printer

RECOGNITION

Recognition technology	TOMRA Flow (360° instant recognition - shape, smart barcode, weight, and metal detection)
Speed capability *	Up to 45 containers per minute

STORAGE CAPACITY*

Accepted containers	Non-reusable and reusable plastic bottles and glass bottles, and cans or mix
Storage capacity per bin	Plastic bottles: Up to 1400 (compacted) Cans: Up to 5100 (compacted) Glass bottles: Up to 230
Container sizes	50-130 mm x 80-360 mm (D x H)

ENVIRONMENTAL

Humidity	Maximum 90% relative humidity, non-condensing
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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 installations across the world, retailers and consumers rely on our reverse vending machines to collect used bottles and cans that 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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