TOMRA

TOMRA
B5
Combi

A simple start to recycling

BASIC LINE

CLEAN LOOP RECYCLING
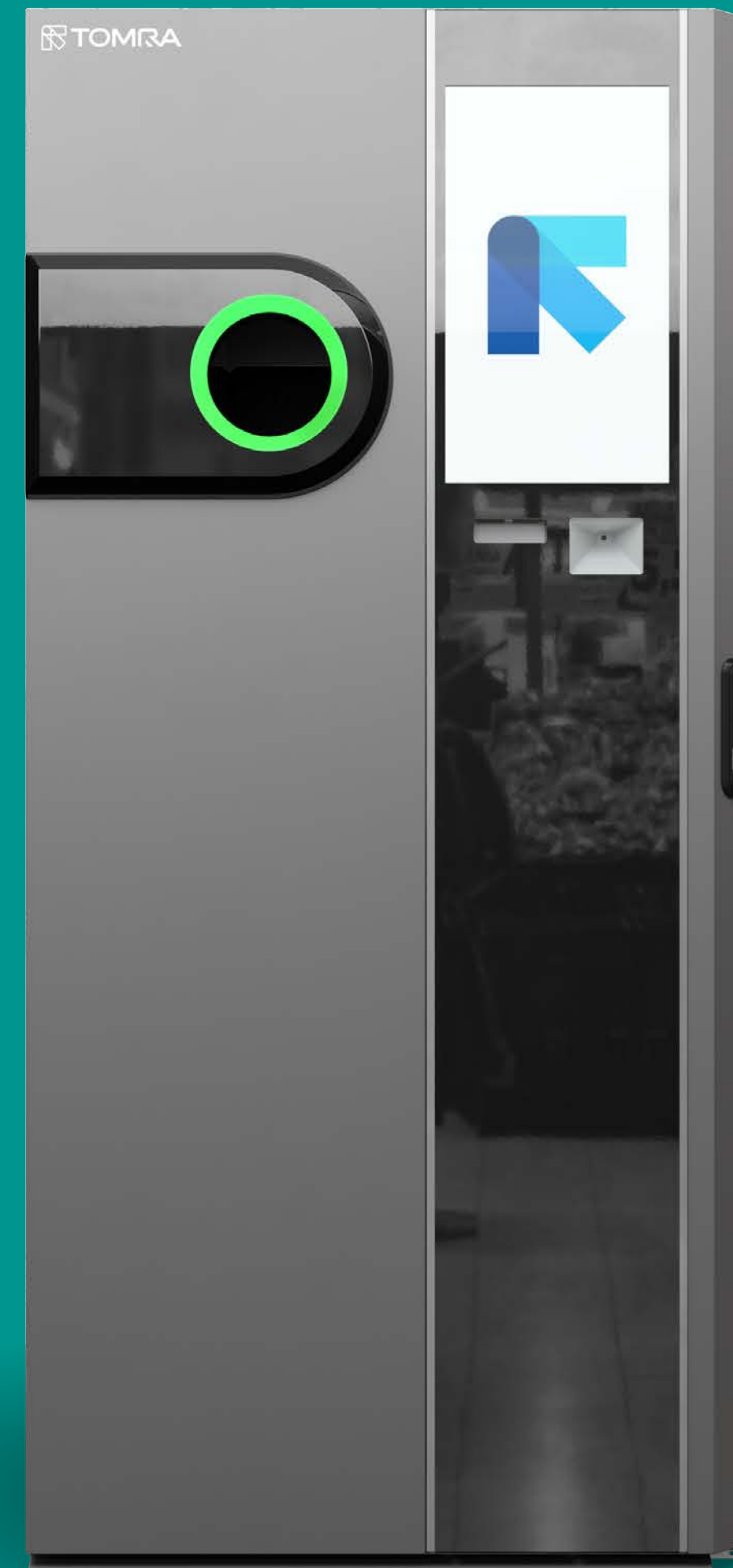
Plug right in and start recycling

The TOMRA B5 Combi is a compact reverse vending machine that conveniently and efficiently kickstarts your recycling journey. Simply plug into a single-phase outlet and you're ready to go. In just 0.8 square meters, you have everything you need to offer a simple recycling solution in a professional-looking package that maximizes retail space and frees up your staff's time thanks to automated handling.

Seamless and engaging for users and staff alike

The TOMRA B5's large, 21.5" screen and easy-to-read user guidance makes for effortless recycling. Use the screen to share in-store marketing messages offering a great customer experience increasing engagement. The machine's internal design and step-by-step on-screen cleaning instructions make it easy to clean, simple to empty, and seamless to operate, so you can spend less time maintaining your recycling solution and more time tending to your store.

Enjoy accurate returns with speed, safety, and efficiency

TOMRA B5's automated container processing enables a safe, efficient, hygienic, and accurate alternative to manual sorting. Choose the right solution for your store with the option to accept, recognize and store plastic bottles, cans or a mix. Plus, TOMRA Essential Technology™ offers precise counting so your customers receive the right payout and can get shopping faster.

Count on TOMRA every step of the way

With over 50 years of experience in deposit return systems, in over 60 markets, and in every part of the value chain, TOMRA is your reliable recycling partner. We have an extensive service and support team and a broad range of reverse vending solutions, so you can count on TOMRA to help you provide a great recycling experience for your store, your staff, and your customers.

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.

TOMRA
CLEAN LOOP RECYCLING

- RETURN
- SORT
- PROCESS
- REMAKE
- FILL
- BUY

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**.

TOMRA B5™ Combi

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21" touch display
Infeed opening
Receipt slot
QR reader (optional)
Electronic door lock
Door

1890 mm
930 mm
880 mm

Cabinet inside
Power switch
360° barcode & 2D code reading module
Barcode cameras
Recognition chamber
Receipt paper roll
Conveyor unit
Bin full sensor
Printer
Combi compactor
Bin

TOMRA B5/ENG/02.2025

MEASUREMENTS

Dimensions [W x D x H] 880 mm x 930 mm x 1890 mm
(ADA-compliant version 1680 mm H)
Footprint 0.8 sqm
Weight [1] 324 kg
Infeed height 1358 mm

## STANDARD CONFIGURATION

Machine type Standalone reverse vending machine
Bin unload direction Front unload
Number of bins 1-2 bins
Compactors Combi crusher for plastic bottles and cans
User interface 21.5" touch display with user guidance on machine screen
Printer Thermal printer

RECOGNITION

Recognition technology TOMRA Essential Technology™
(Container recognition, weight detection, metal detection, 360° barcode and 2D code reading, full container detection)
Speed capability [2] Up to 40 containers per minute

ENVIRONMENTAL

Humidity Maximum 90% relative humidity, non-condensing
Temperature +10°C to +35°C/ +50°F to 95°F
(For indoor or protected installation only)
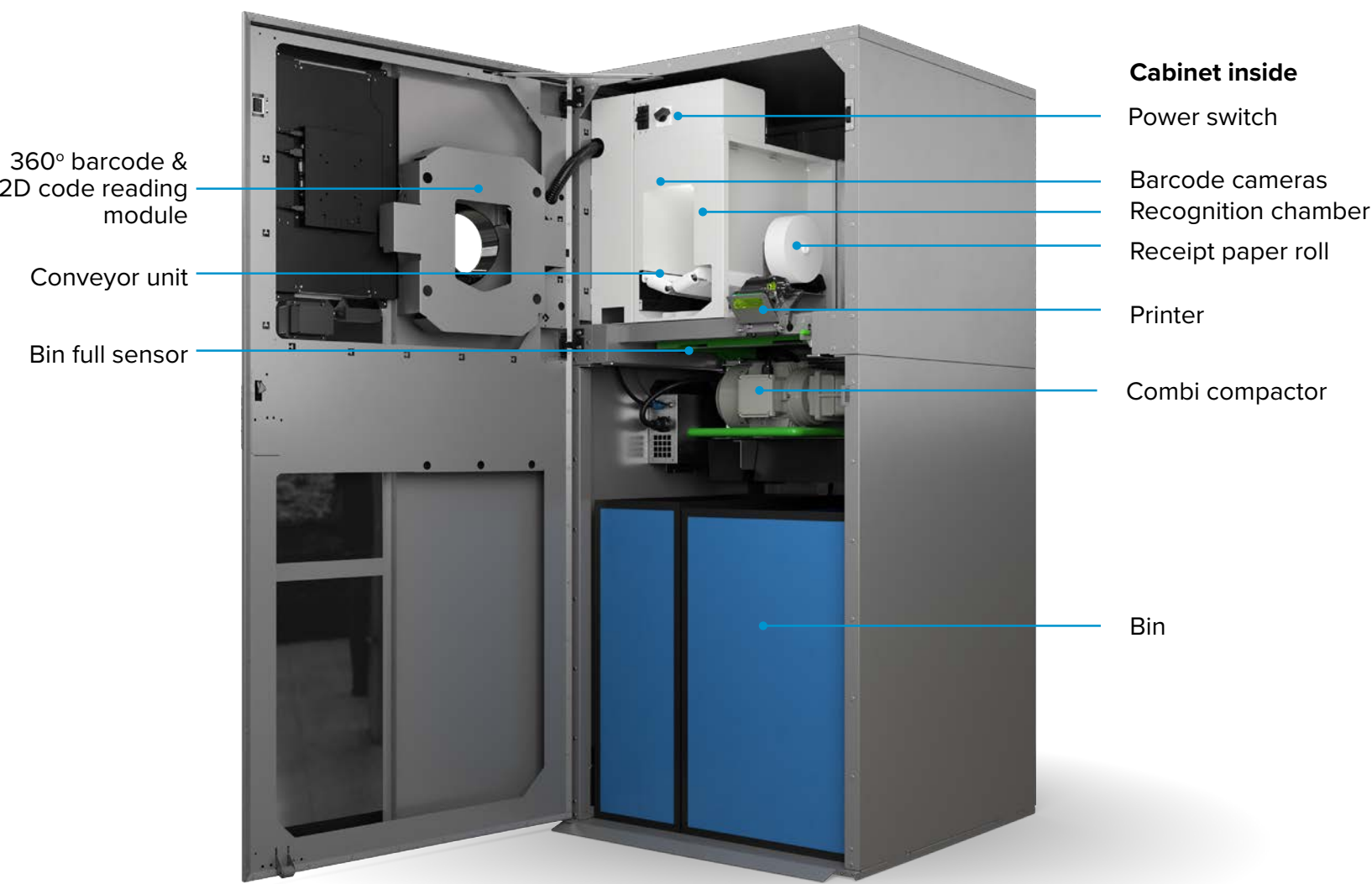
STORAGE CAPACITY [3]

Accepted containers Up to 2 types of containers:
PET bottles, cans or a mix.
Storage capacity per bin [4] **Plastic bottles:** Up to 420 (compacted)
Cans: Up to 850 (compacted)

ELECTRICAL

Power consumption Idle 70 W, max 1.9 kW
Mains 220 - 240V AC 1-phase w/ground
50/60Hz, min 10A

CONNECTIVITY

External IT interface LAN (Ethernet/TCP IP)

[1] May vary according to packaging.
[2] Performance data may vary across markets, deposit regulations and system requirements.
[3] May vary in different countries due to variations in beverage container materials, shapes and sizes.
[4] Capacities will vary with object mix, type and system configuration.

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

TOMRA CERTIFICATION
TOMRA Recycling Technologies (TRT) 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, with the scope described by the organization on 2018-05-29. The certification covers the development and delivery of automated systems for recycling.

$C\epsilon$ **LEGAL COMPLIANCE**
The CE mark on this product confirms compliance with the following European Directives:
2006/42/EC, 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).

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 approximately 85,000 installations across more than 60 markets, retailers and consumers around the world rely on our reverse vending machines to collect more than 46 billion used bottles and cans each year, which 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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