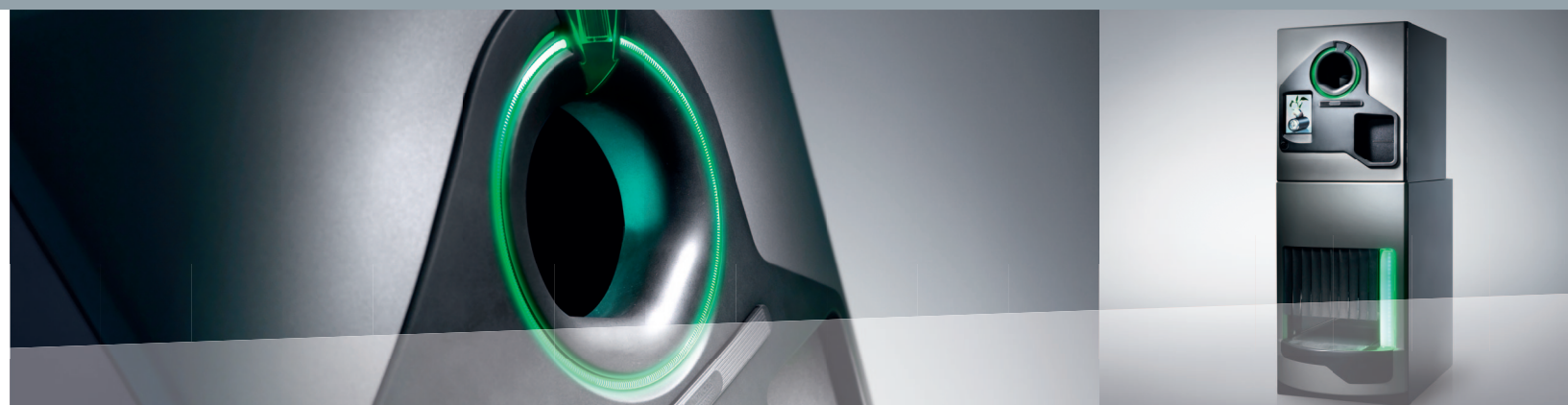# Revendo 9020

The modular Reverse Vending Solution
Reverse Vending Solutions

Modular Solutions

The Revendo 9020 is the newest generation in reverse vending solutions for the return of bottles, cans and crates. The 8,4" Touch Screen enables intuitive user interaction with the system. The new modular backroom components increase the flexibility of solutions to transport, sort, collect and compact beverage containers.

High-Tech and space-saving reverse vending solutions – Revendo 9020.

Environmental Protection

Since the turn of the millennium, a great amount of effort has been spent on the reuse of waste products and establishing recycling. Wincor Nixdorf has made it their aim to protect the environment by providing effective reverse vending solutions to support recycling.

Efficient Technology

The recognition of beverage bottles and crates is the base of your individual reverse vending system, using minimal space .The 3D Stereovision process ensures a high reliable crate recognition. Modern components guarantee energy efficiency and meet current standards.

Transparency and Security

The integration of the reverse vending solution into your IT infrastructure helps prevent fraud, supports secure remote access and provides transparency in your empties management.

RVplus

RVplus helps to reduce the TCO by generating additional value such as couponing, which is industry supported and has a significantly higher redeem rate.

Efficient Service

Online connection to the reverse vending solution helps insure maximum availability, fast and efficient maintenance and database services. If necessary, our global technical service organization can provide on-site support.

**WINCOR
NIXDORF**

Benefits at a glance:
- Fully automated reverse vending
- Latest recognition technology
- Individual reverse vending solutions
- RVplus provides additional business value

TECHNICAL DATA

Standard Features
- Full graphic 8.4" Touch Display
- Interactive user guidance
- Additional signals in the field of vision in the crate and bottle infeeds to guide users
- Thermal printer
  – Paper width: 60 mm
  – Paper length: 500 m
- Manipulation protection system
- Container full recognition
- Door color:
  – traffic red RAL 3020
  – gentian blue RAL 5010
  – grey aluminum RAL 9007
  – anthracite grey RAL 7016
- LAN for online connection

Recognition data
- Single beverage containers: image processing, color recognition
- Processing speed: up to 40 bottles/minute
- Crates: 3D stereo vision method
- Processing speed: 15 crates/minute
- Data capacity: almost unlimited

Options
- Individual door color (RAL color range)
- ISDN-Adapter or GSM-Router for online connection
- Barcode scanner
- Logo recognition for crates
- Card reader

Basic data
- Footprint: (L x B x H) 770 mm x 600 mm x 1690 mm
- Weight: 250 kg
- Power supply: 3 ~ 400 V/50 Hz
- Power consumption:
  – 180 W full load
  – 100 W standby
- Conformity: Machine directive, EMV, CE
- Temperature range: +10°C to +40°C