# 7,200
containers per hour*

# 99.8%
counting accuracy**

# 98.9%
classification accuracy**
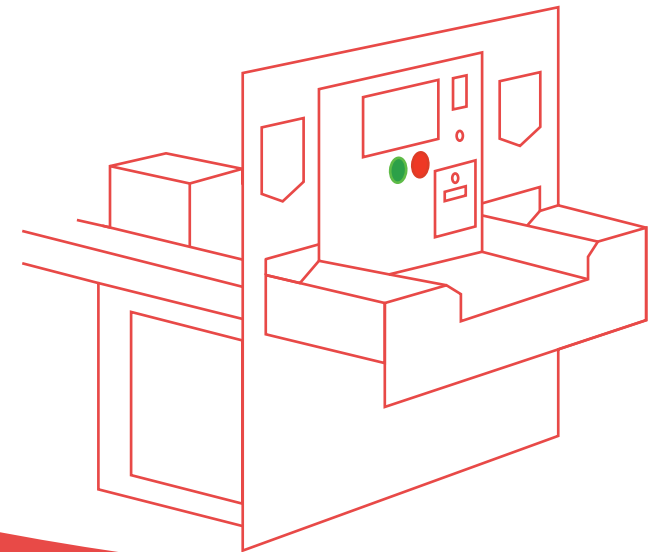
## Let's talk business!

ph 1300 375 698
www.containerdepositsystems.com.au

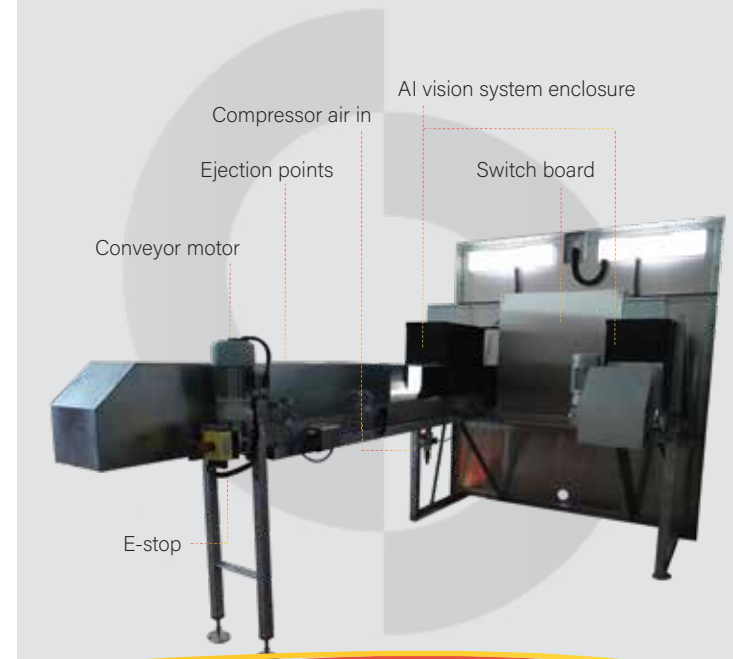**CONTAINER DEPOSIT SYSTEMS**

## Specs sheet

# Auto Redemption Terminal (ART)

Leveraged by advanced AI vision-based technology, this beverage container redemption terminal can count and classify eligible containers in all shapes, forms and without barcode labels.

*Based on a site audit performed on an ART during business operating hours.
** In average.

Audit camera
HMI 10" screen
Start/Stop buttons
Glass lane feed conveyor
Tub
Integrated waste drain

RFID reader
E-stop
Thermal printer
Mixed lane feed conveyor

**Automatically better**

GLASS CONTAINERS ONLY
CANS, PLASTIC & OTHER DRINK CONTAINERS

CDS

Compressor air in
Ejection points
Conveyor motor
E-stop

AI vision system enclosure
Switch board

## ⚙ Technical Specifications

| | |
|---|---|
| **Dimensions** | 2045H x 1800W x 3700L variable (mm) |
| **Material construction** | Stainless steel / Aluminium / HDG / LLDPE |
| **Footprint** | 6.66 sqm |
| **Weight** | ~550Kg |
| **Separations** | Glass, PET clear, Alu, all other eligible material |
| **Infeed type** | Manual |
| **Infeed height** | 1008 mm |
| **Adjustment range for height** | +25 mm |
| **Network** | LAN counting data transmition/ VPN remote |
| **Customizable parts** | Front panel printed design |

## ⚡ Electrical/Pneumatics

| | |
|---|---|
| **Power** | 5 Amp @415VAC 3 phase |
| **Motor (kw)** | 2 x .37Kw |
| **Air consumption** | 6CFM |
| **Air pressure required** | 90 PSI / 6.2 Bar |

## 👁 Recognition

| | |
|---|---|
| **Container types** | Alu cans, PET clear, HDPE, LPB, PET coloured, steel, glass |
| **Container shape** | All eligible containers corresponding to the scheme |
| **Recognition technology** | AI vision based |

## 🌿 Environmental

| | |
|---|---|
| **Humidity** | max 90% |
| **Temperature** | 2~50° |
| **Noise** | <85 dB |

## ⇢ Connectivity

| | |
|---|---|
| **External IT interface** | LAN, POS compatible, integrated with state-specific scheme |
| **User interface** | 10" HMI touch display |
| **Printer** | Thermal printer |
| **Digital tools** | Operational dashboard, Bagdrop |