

Bulk Redemption Terminal (BRT)



Watch me
in action



Improved Sorting Efficiency

The Bulk Redemption Terminal (BRT) is an advanced counting and sorting machine designed to provide an efficient way for recycling depots to sort large quantities of containers at once.

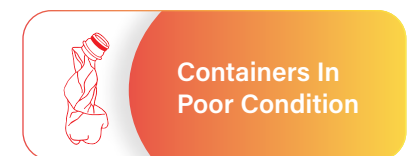
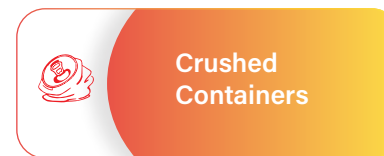
Utilising AI vision-based technology, the BRT can accurately count and classify containers of various shapes and conditions without relying on barcode labels.



Detects And Sorts Containers In All Conditions

Leveraged by advanced AI vision-based technology, this terminal can count and classify eligible containers in all shapes and forms without the need of reading barcode labels.

This ensures a smooth operation, setting the BRT apart from competitors.



Increased Throughput And Speed

Enhance your facility's throughput with the BRT's high-speed sorting and counting capabilities.

The dual-lane approach ensures a swift and uninterrupted process. Higher volumes of containers can be processed in less time, boosting overall productivity.

Operators place containers that might pose challenges for automatic processing due to their shape or condition, in a second lane. These containers are counted, classified, and sorted efficiently.



Get The Most From CDS Technology



7 Day Service Support

In-house service support and regular preventative maintenance to ensure optimal performance of all equipment.



Auditing

Equipped with audit webcams for transaction recording and behavior monitoring, maintaining privacy and providing detailed reports.

Training

Expert training for Depot Managers and Staff to master the operation of CDS equipment efficiently.



Data Analytics

Real-time monitoring and visualisation of key data, empowering decision making with confidence.



High Recognition Speed

10,609

Containers per hour*

Reliable Technology

99.4%

Counting accuracy*

Accurate Technology

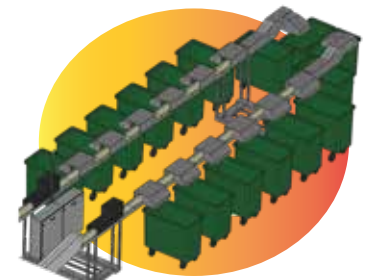
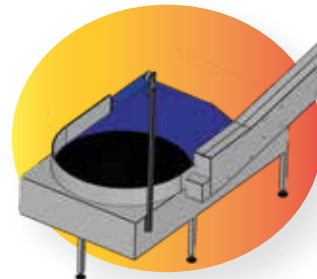
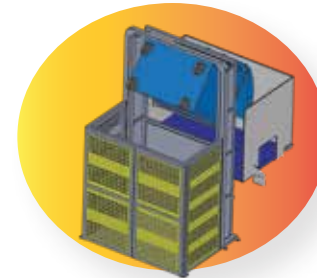
99.8%

Classification accuracy*

Customised To Your Needs

The BRT offers unparalleled customisation to meet the specific needs of your facility.

The terminal is made up of separate modules, allowing you to choose the components that best suit your operation.



Technical specifications

Separations	2 - 8 (Adjustable) CAN Aluminium CAN Steel PET Clear PET Coloured HDPE LPB GLASS OTHER
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Connectivity

External IT interface	LAN, POS compatible, integrated with state-specific scheme
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Hardware

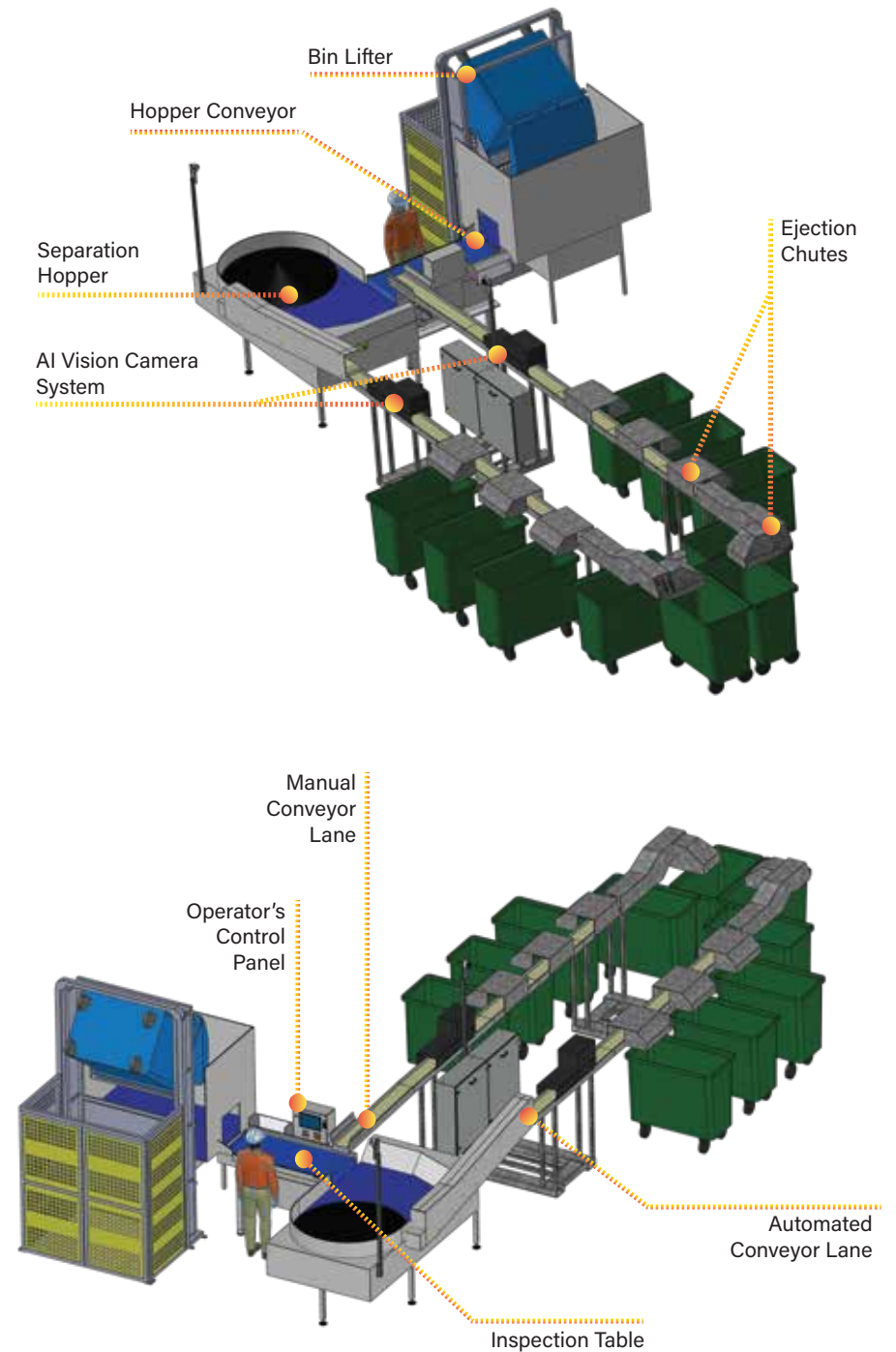
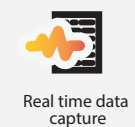
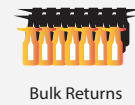
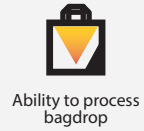
Printer	Thermal printer
Operational dashboard	12" touch capacitive screen, RFID reader, push button switches
Client ID scanner	

Recognition

Container types	Alu, PET clear & coloured, HDPE, LPB, Steel, Glass
Container shape	All eligible containers corresponding to the scheme (including wine and spirits)
Recognition technology	AI vision-based

Electrical/Pneumatics

Power	25A @ 415VAC 3Ø
Compressed Air supply connection	13CFM @ 90 PSI/6.2 BAR 12mm PUSH FITTING



1.8m 

Standard tipping height

 Kg

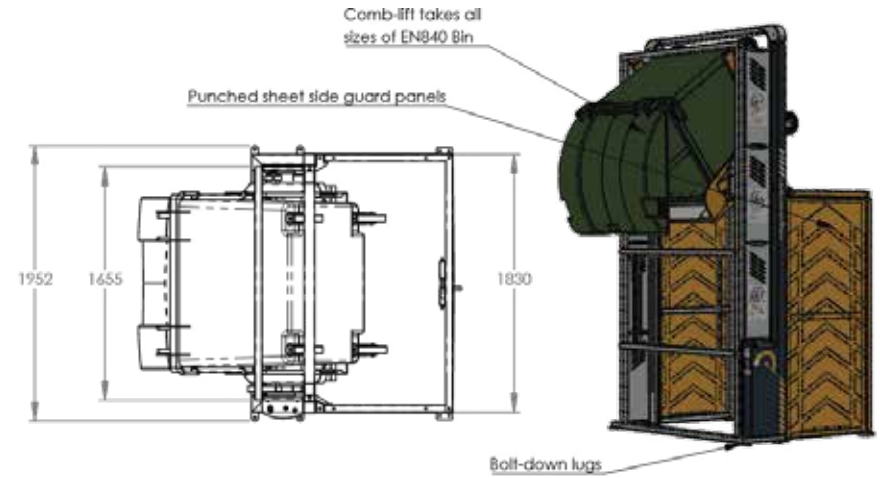
600 Kg Capacity



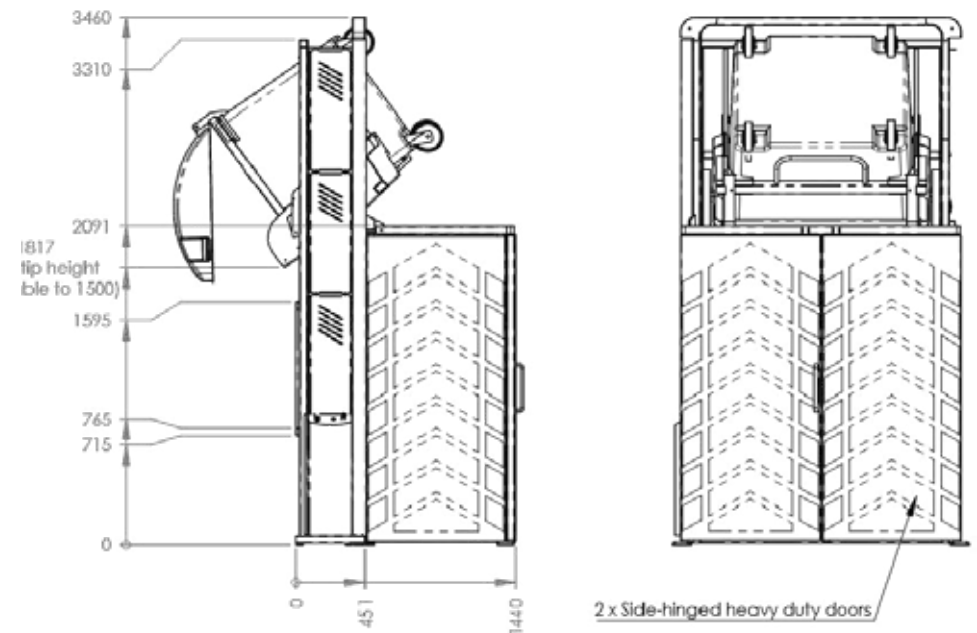
240 L - 1100L Bins



The bin lifter can quickly empty large four-wheeled bins weighing up to 600 kg.



The BRT are built with a heavy-duty bin lifter with huge throughput capacity and a mechanical comb hitch to suit 240 L, 660 L and 1100 L bins.





Let's talk business!



ph 1300 375 698

www.containerdepositsystems.com.au