

Recycleye QuantiSort®

Purity is the value determinant of your facility's output. Thus, sorting granularity is your most coveted capability. Recycleye QuantiSort® combines robust AI computer vision with trusted air jets to sort your DMR, WEEE or C&D stream into previously impossible categories.

Achieve unprecedented sorting granularity at up to 1000 ejections per minute, increasing the resale price of your material bales. Maximise value extraction, with pioneering technology that is specifically adapted to detect & eject your material type.

A world-first innovation for your plant

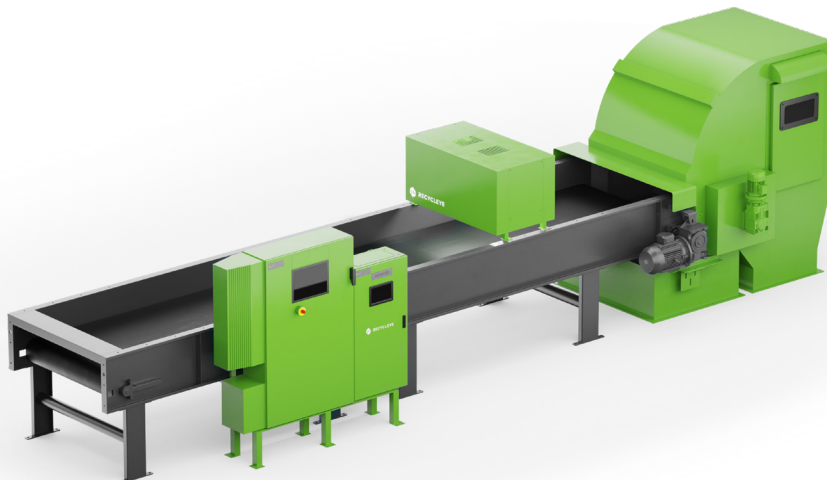
AI-powered sorting
to detect with
accuracy previously
impossible



Developed with
deployer of 500+
airjet units



Expert solutions
delivered in
partnership,
tailored to your
needs



Recycleye.com
See the potential.



Unprecedented material sub-classes. Sorted.

e.g. WEEE

Cables



PCBs



Copper



Stainless
steel



Batteries



Copper
armatures



Transformational performance. Sorted.

1000

ejections per minute
(up to)

DMR, WEEE, C&D

detection & ejection
variations

Your competitive advantage. Sorted.



Sort to higher purity &
new granularities



Modularity to meet
your throughput
requirements



Recycleye Support
brings peace
of mind

Recycleye QuantiSort® Fact Sheet



Trusted airjet technology,
with 500+ units deployed



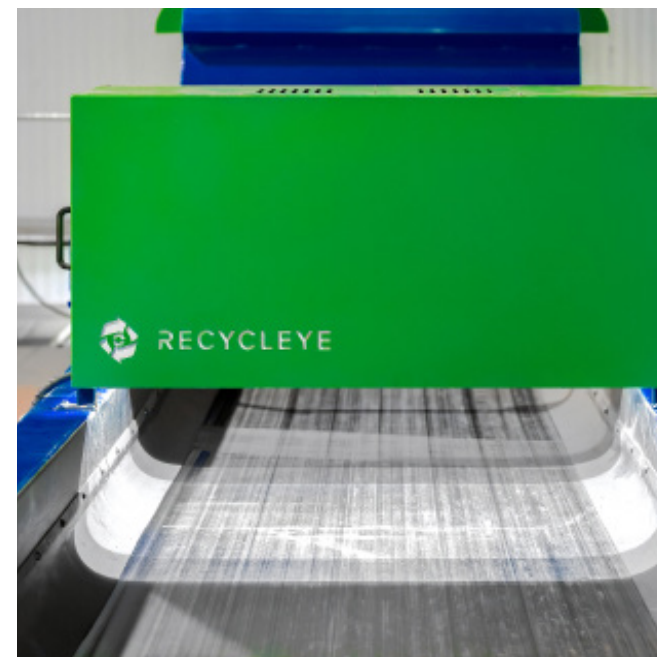
Nozzle bar adapted for
precision or power



Proven AI computer vision
system, 45+ installed globally



UltraResolution® sensor to
detect items >5mm



Trusted by leading WEEE recycler



Ejecting lower value materials: batteries, aluminium, stainless steel, ferrous metals, plastic + plastic/metal bi materials.

Keeping higher value materials: brass, copper + PCBs.

Technical specifications

Ejection system width	600 - 2400mm
Ejector nozzle spacing options	0.64 / 1.27 / 2.54mm
Power requirements	30A connection, 3-phase, 400V, 50Hz*
Compressed air flow	25-30 SCFM per 10% contamination
Compressed air pressure	7 bar
Network requirements	20 up 20 down MB/s

*Including accelerating belt & caption hood roller bar