

## clarity - the new generation



CLARITY is the well-proven three-way system for mixed-glass separation, colour improvement and CSP recognition in a quality never before achieved.

The new generation of CLARITY sets standards in functionality, ease of operation, quality and design.

Waste cullet with a granulometry greater than 3 mm is fed in and singled by means of a specially designed chute with a defined slope of 60°. The cullet is transilluminated with white light. Highly sensitive CCD cameras analyse the information received and trigger the blow-out units at the right time.

The machine can be flexibly equipped with different valves depending on the grain size of the fraction to be separated. The result is optimum sorting efficiency with the lowest possible use of compressed air.

The cameras are high definition in time and place with 0.35 x 0.4 mm per pixel. Image processing is distortion free and object oriented. This ensures highest separation grades, especially in fine fractions, with minimal glass loss. The co-ordination between camera units and lighting is carried out automatically.

The cleaning options of the CLARITY are also innovative. The machine can be optionally fitted out in the area of the sensors with an automatic cleaning system with water supply, and a metal partition or labyrinth system. A mechanical device can be installed to clean the separation plate.

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- Three-way system in modular design
- Sorting widths: 700mm, 1000mm, 1400mm
- Capacity: 5 – 14 t / hour
- Colour and foreign-matter sorting: 16m colours
- Optional metal sensor
- Optional sorting of heat resistant glass
- Grain sizes: 3mm – 50mm
- Remote maintenance
- Control station compatible

- Processing Technology
- Environmental Technology
- Bagging Technology

Binder+Co AG, Grazer Strasse 19-25, A-8200 Gleisdorf, Austria  
Tel.: +43-3112-800-0\*, Fax: +43-3112-800-398  
e-mail: [ut@binder-co.at](mailto:ut@binder-co.at)  
[www.binder-co.com](http://www.binder-co.com)

