

Mogensen MikroSort® AX

Objective:

Economic sorting of different, partly contaminated recycling glasses into off colours, metals and CSP (ceramic material/stones/porcelain).

Rejected quantities of up to 50% are realised in order to gain, for instance, white glass from mixed glass.

The final product after the sorting allows the re-use within high-grade areas, e.g. glass bottles for the food industry or foam glass for construction industry.

Sorting material: hollow glass

Grain size: 5 - 60 mm

Throughput: ca. 8 - 20 t/h

Input quality: up to 50% off-colour
ca. 3000 ppm CSP

White glass quality: < 0,2% off-colour green
< 0,3% off-colour brown
< 20 ppm CSP

NE + Fe-metal: detection from 0,6 mm

The **Mogensen MikroSort® AX** represents a new generation of optical sorting machines for the reconditioning of recycling glass.

Thanks to the detection in free fall, the machine is suitable for the sorting of damp, contaminated, fine glass and high rejected quantities.

Off-colours and CSP parts are detected by a CCD-colour line scan camera, metal particles, optionally, with a parallel working all-metal detection.

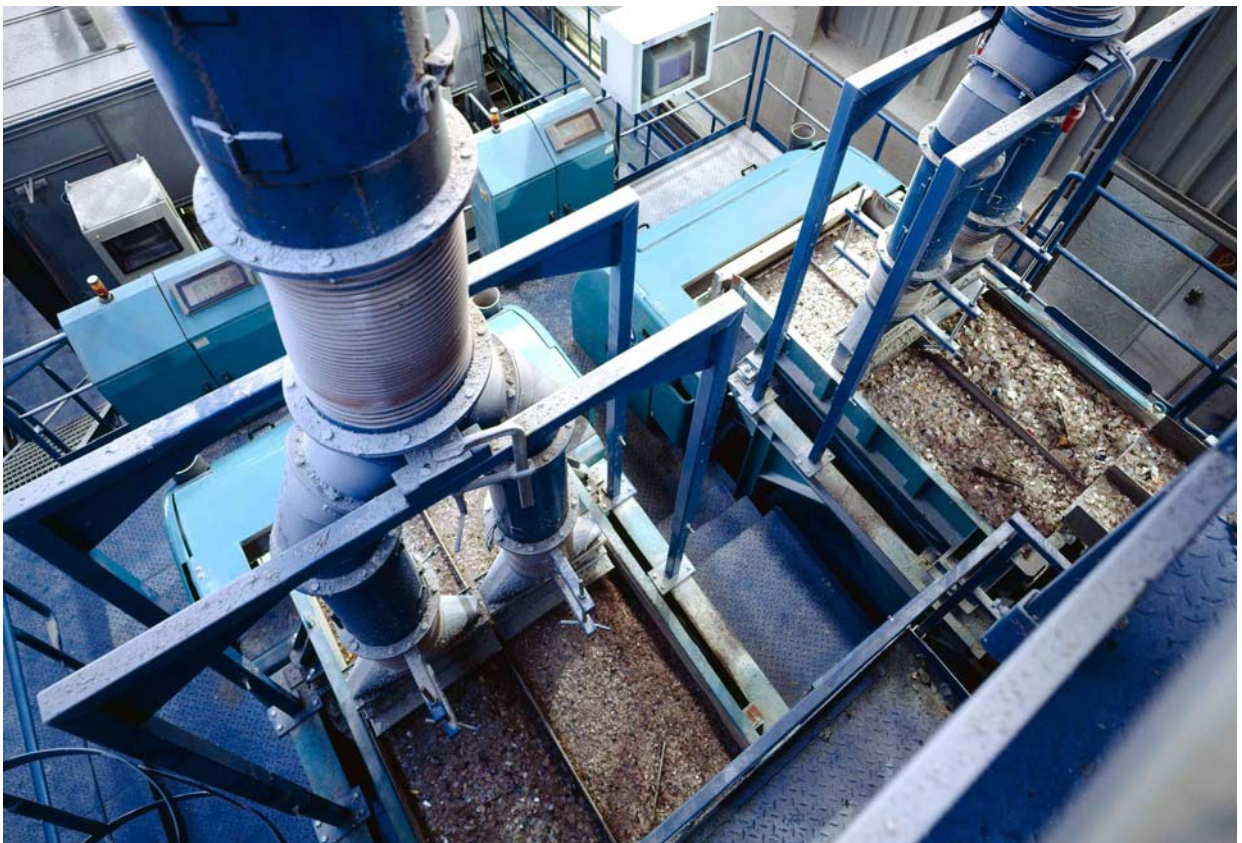
The precise triggering of high-speed valves allows the efficient rejection of detected particles with specific pneumatic blows.

A robust cleaning system ensures an automatic and lasting cleaning of the detection area. Such, the sorting stays stable on a high level, even under adverse conditions.

The remaining maintenance effort is reduced to a minimum. All essential parts of the machine are easily accessible and serviceably positioned.

By splitting the machine (see photo below), two grains may be sorted parallel.

Individual sorting parameters for each track increase the sorting quality and the yield.

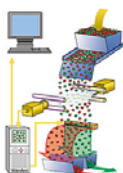




**MikroSort
AX 1223**

**MikroSort
AE 1223**

Two generations Mogensen MikroSort® are sorting
25 t/h recycling glass into off-colours and CSP.



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