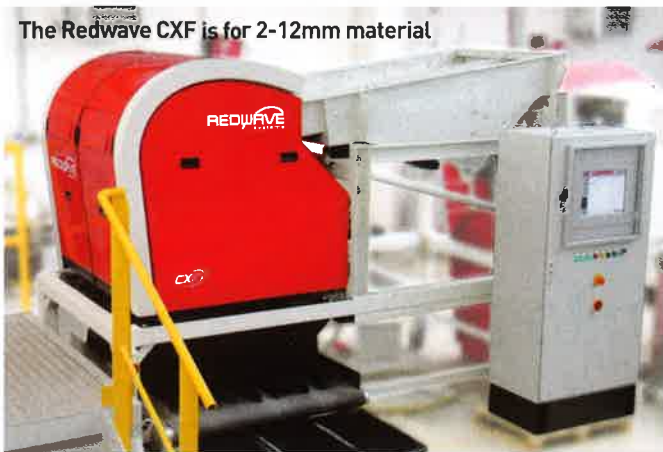


→ PRODUCT FOCUS

The Redwave CXF is for 2-12mm material



Equal ejections help sort glass

What is your product?

Redwave's three-way sensor-based sorting machine for glass fines from 2mm.

How does it work?

The Redwave CX is for material 6-50mm and the CXF for fine material 2-12mm. Both machines are equipped with a completely reworked three-way system.

By rearranging the valve units, the same high performance at the first and second eject is guaranteed, even for fine material, and air consumption is reduced at higher ejection rates of up to 60%.

This concept, in combination with quick-action eject valves and optimised nozzles, allows the design of more compact sorting plants with fewer

sorting steps without any loss of quality or yield of the final products.

The Redwave colour identification system can be extended to recognise a variety of special glass types which have no distinguishing features in the RGB range.

With one eject from the front and one from the rear, the distance and time between material scanning and ejection is equal for both ejects. This unique design guarantees the same high performance for the first and second eject.

The CX has a modular design with working widths from 500-1,500mm.

Where would it ideally be used?

The two- or three-way sorting

machines are used for waste glass processing, for high-performance ceramics separation and colour sorting.

Both CX and CXF sorters can be used for processing container and float glass from 2-50mm for the following sorting tasks: separation of ceramics, stones, porcelain and metals; colour sorting (flint, green, amber and other colours); separation of laminated glass, acrylic glass and plastics; separation of special glass.

How is it different?

Currently there is no sorting machine available on the market which can sort fines from 2mm in a three-way system which is equal for both ejects.

What benefits does it offer?

High capacity, high quality and high yield sorting; modular design; reliable and user friendly operation; low compressed air consumption; low maintenance.

Where has it been used?

Within the first two months of launch, 15 machines have been sold in countries including Italy, Germany, US, Czech Republic and Ukraine.

Any future applications?

At present this machine is used for glass, but it is optimised for other fields such as plastic flake sorting.

→ For details visit www.redwave.at

→ TECH NEWS

Chinese collaborate on closed-loop uniforms

In a collaborative effort, Teijin, Onward Holdings and Fuji Xerox have launched a closed-loop recycling system for uniforms in China. This will utilise Teijin's Eco Circle 'world first' technology for the chemical recycling of polyester.

Nantong Teijin, the Teijin group's polyester textile manufacturing and processing arm, weaves and dyes recyclable polyester textiles. They will be used for the uniforms designed and produced by Onward Trading (Shanghai).

The uniforms will be worn by customer engineers at Fuji Xerox (China), a Beijing-based sales company, and production line workers at Fuji Xerox



Eco-Manufacturing (Suzhou), which recycles used copiers, printers and cartridges.

Uniforms will be collected after their useful lives and sent to the recycling plant of Zhejiang Jiaren New Materials, a joint venture between Teijin and Jinggong Holding Group in Shaoxing that chemically recycles polyester products as well as selling recycled polyester fibre. The material will be used for new uniforms.

→ www.teijin.com

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Product Focus on
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