

# REDWAVE®

## REDWAVE CX / CXF

2-way or 3-way sorting machine for waste glass processing  
High performance ceramics separation and colour sorting



[www.redwave.at](http://www.redwave.at)

## REDWAVE CX / CXF

REDWAVE CX and CXF units are highly efficient 2-way and 3-way sorting systems. The unique 3-way design offers the same high performance for the first and second eject. With one eject from the front and one from the rear the distance and hence the time between material scanning and ejection is absolutely equal for both sorts. This new concept in combination with the new high performance valve and nozzle arrangement allows compact sorting plants with less sorting steps but without losing quality and yield.

Technical specification	REDWAVE CX	REDWAVE CXF
Working width	750 and 1500 mm	500 and 1000 mm
Sensor technology	High resolution colour line camera	
Light source	High power multispectral LED	
Eject valves	240 valves for 1500 mm sorting width	240 valves for 1000 mm sorting width
Valve and nozzle distance	6.25 mm	4.17 mm
Sortable material size	6 to 50 mm	2 to 12 mm
Capacity	up to 16 t/h	up to 8 t/h

### Advantages:

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- High capacity, high quality and high yield sorting
- Modular 2-way or 3-way design
- Reliable and user friendly operation
- Low compressed air consumption
- Low maintenance requirements

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|---------------|----------------------------|------------------------|
| 1 Feeder      | 4 LED light box            | 7 Eject A (from front) |
| 2 Glass chute | 5 Front valves and nozzles | 8 Eject B (from rear)  |
| 3 Camera box  | 6 Rear valves and nozzles  | 9 Pass                 |

