REDWAVE

REDWAVE – the efficient elimination of contaminants:
- ceramics, stones, porcelain
- colour cross contamination
- metals

REDWAVE – sorting and recovery of high quality:
- flint glass
- amber glass
- green glass

REDWAVE – the reduction in costs of waste processing:
- low labour requirements
- high availability
- high recovery rates

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REDWAVE

Glass Sorting

www.redwave.at

REDWAVE 1000C / 1300C

REDWAVE separation of contaminants

In the first step of optical cullet processing the REDWAVE 1000C and 1300C separate ceramics, stones, porcelain (KSP), ferrous and non-ferrous metals from the recyclable material stream.

REDWAVE colour sorting

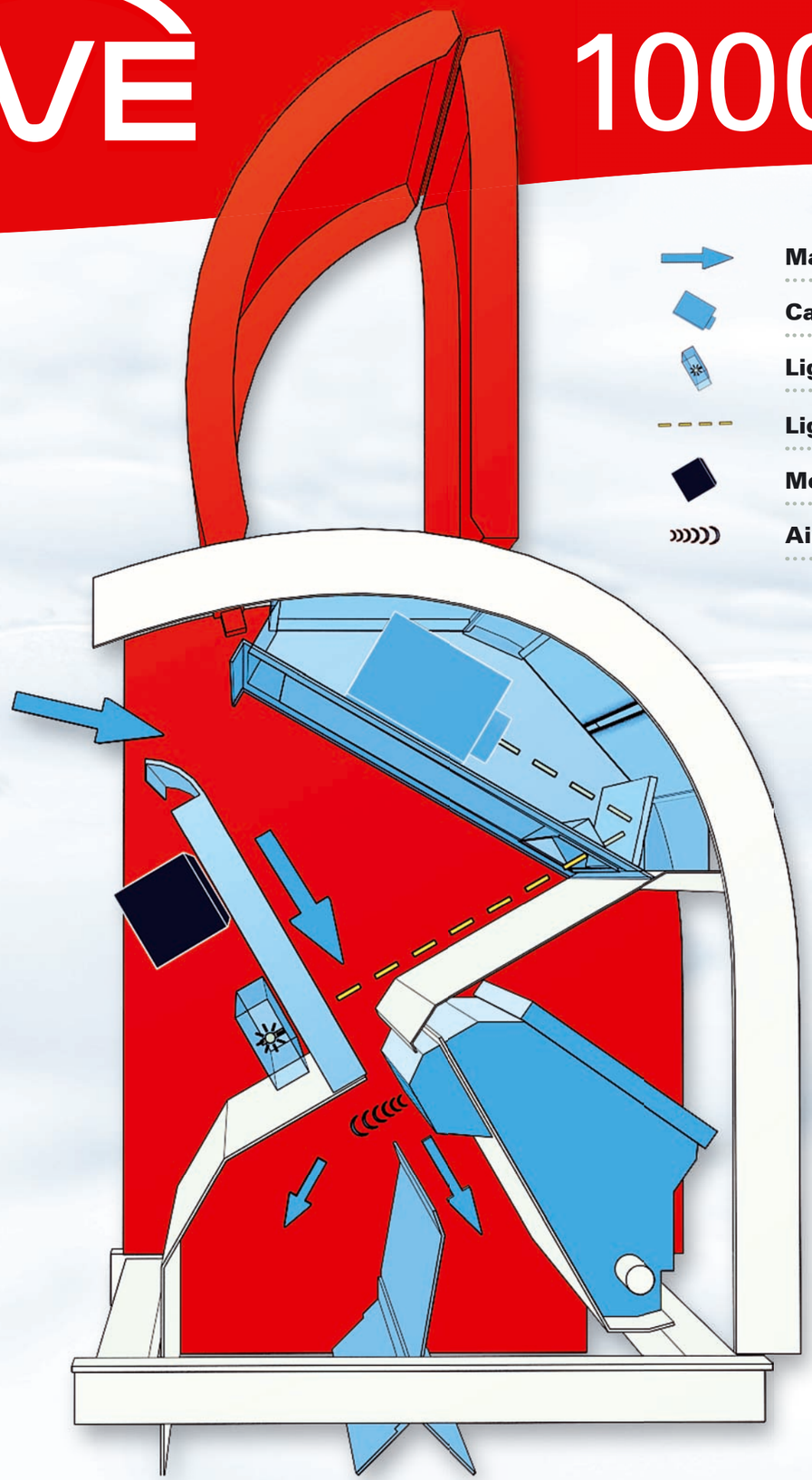
In the second processing step the REDWAVE is used either for colour improvement of presorted flint, green or amber glass, or for full colour sorting of mixed broken glass.

REDWAVE efficient and reliable

The REDWAVE is fed over the entire sorting width with a constant material flow by means of a vibrating feeder. In addition to a uniform size distribution, this is the basic requirement for an excellent and reliable sorting performance of the REDWAVE.

Technical details

REDWAVE	1000C	1300C
Sorting width	1000 mm	1300 mm
Compressed air requirement (depending on application)	100-300 Nm^3/h 6 bar	100-300 Nm^3/h 6 bar



Separation of contaminants

(at approx. 2000 g/t "KSP" infeed contamination)

REDWAVE	1000C	1300C
Cullet size	5-60	5-60
Capacity	10 tph	13 tph
Separation efficiency up to:		
Fine	95 %	95 %
Medium	98 %	98 %
Coarse	99 %	99 %

Colour cross contamination

(at approx. 7 % infeed contamination)

Cullet size	5-60	5-60
Capacity	8 tph	10 tph
Separation efficiency up to:		
Fine	90 %	90 %
Medium	96 %	96 %
Coarse	98 %	98 %

Sorting of mixed cullet

(at approx. 35 % reject)

Cullet size	8-60	8-60
Capacity up to:		
Fine	2,5 tph	3,5 tph
Medium	4,0 tph	5,5 tph
Coarse	6,0 tph	8,0 tph
Separation efficiency up to:		
Fine	85 %	85 %
Medium	92 %	92 %
Coarse	96 %	96 %