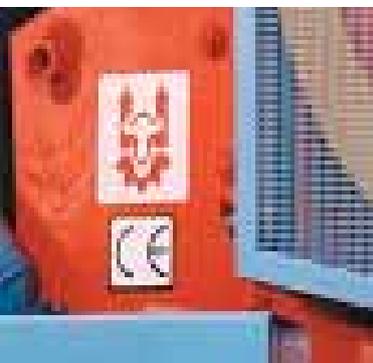




RESONANT SCREENS RT

- high operating reliability
- low costs for operation and maintenance
- simple attendance and maintenance





Resonant screens RT

Resonant screens RT are used for final screening of non-sticking grain materials to 3 – 4 fractions. There is a hopper with a full bottom on the upper box inlet. The hopper protects the upper separating area against wear by dropping material.

Upper and lower area is easily accessible for inspection or exchange. RT separators are suitable for dry separation as well as for separation with spraying.

The exceptional operating properties of resonant screens RT are:

- High operating reliability
- Low cost for operating and maintenance
- High capacity
- Easy exchange of spare parts
- Simple attendance and maintenance
- Low building height

Basic characteristics of resonant screens RT

- The screen housings vibrate independently against each other. They are interconnected with sliding rubber springs and swinging arms that pivot on supports. The supporting structure is mounted on rubber springs which are connected to the base frame.
- Conventional steel screens, perforated plates or “finger” plates are used as decks. They can be operated in conjunction with special screens e.g. rubber decks. The exchange is simple because the decks are fixed on independent, extractable frames.
- Resonant screens work on the principle of two oscillating frames which are supported on springs. Two oscillating frames suitably fixed at their neutral points represent a balanced system with minimal dynamic impact on the foundation.
- The operating frequency of screens RT during start-up and run-out is sub-critical.

Principal parameters

Type	Deck width and length	No. of decks	Entrance	Sorting boundaries	Max. capacity	Power input
	mm	pcs	mm	mm	t/h	kW
RT 1047 - 1087	1000x4700 - 8700*	2	250	2 - 100	120	5.5 - 11
RT 1347 - 1387	1300x4700 - 8700*				160	5.5 - 11
RT 1647 - 1687	1600x4700 - 8700*				250	11 - 22
RT 2047 - 2087	2000x4700 - 8700*				350	11 - 22
RT 2459 a 2479	2400x7900				440	30

* Lengths in intervals by 1000 mm

Crusher inclination 0°

Oscillation amplitude 6 – 12 mm

Oscillation frequency 10 – 16 Hz

Stated capacities are only informative and depend on the properties and composition of the material and mesh size.

SCREENING



Resonant screen RT 2087/2 – greywacke screening



Resonant screen RT 2087/2 – in the manufacturing plant



Resonant screen RT 1357/2 – andesite screening



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