

# Resonant screens RT

They are used for different kinds of screened materials in the inter-operational, recycling and final screening in the range 2+100 mm. The screen works in the horizontal position (inclination 0°), in the counter-run of two screening frames with linear waves with great amplitudes  $a = (6\div 12)$  mm (amplitude = 2 a), low frequency  $f = (6\div 12)$  Hz and at the same time – thanks to tuned resonance – with

low power input of el. energy. The screen is equipped only with rubber springs. The screen frames may be easily modified – feeding decks, finger decks, cloth PU decks, PU and mesh decks or ordinary wire mesh of the mesh size approx. 5+60 mm. They are screens with the longest screening area  $L = (4.7\div 8.7)$  m, width  $W = (1\div 2.4)$  m and low building height of the machine  $H = (1.4\div 2.1)$  m.

Mark	Area			Max. inlet grain size	Screening limits	Max. capacity	Installed power input
	Type	Width	Length				
-	mm	mm	-	mm	mm	t/h	kW
RT1047	1000	4700	2	200	2+100	150	7,5
RT1057	1000	5700	2	200	2+100	180	7,5
RT1347	1300	4700	2	200	2+100	200	7,5
RT1357	1300	5700	2	200	2+100	240	7,5
RT1367	1300	6700	2	200	2+100	280	7,5
RT1387	1300	8700	2	200	2+100	360	11
RT1647	1600	4700	2	250	2+100	270	11
RT1657	1600	5700	2	250	2+100	290	15
RT1667	1600	6700	2	250	2+100	340	15
RT1677	1600	7700	2	250	2+100	390	2x11
RT1687	1600	8700	2	250	2+100	450	2x11
RT1847	1800	4700	2	250	2+200	270	11
RT1857	1800	5700	2	250	2+200	330	15
RT1867	1800	6700	2	250	2+200	380	15
RT1877	1800	7700	2	250	2+200	440	2x11
RT2037	2000	3700	2	250	2+200	240	11
RT2047	2000	4700	2	250	2+100	300	11
RT2057	2000	5700	2	250	2+100	360	15
RT2060	2000	6000	2	250	2+100	380	2x14
RT2067	2000	6700	2	250	2+100	430	15
RT2077	2000	7700	2	250	2+100	490	2x11
RT2087	2000	8700	2	250	2+100	560	2x11
RT2479	2400	7900	2	300	2+200	600	2x15



Manufacture of the resonant screen RT2057 – glass recycling

## SCREENING



Manufacture of the resonant screen RT1047



Screen RT1357 – glass recycling



Manufacture of the resonant screen RT1047 – glass recycling



Manufacture of the resonant screen RT1847