



TURBOSONIC

Some powders, due to their granulometry and physical features, can not be sieved only by the mechanical movement of the separator.

TURBOSONIC system applies an ultrasonic frequency directly on the sieving mesh. Microvibrations keep constantly clean the sieving surface, allowing the mechanical movement vibration to improve the sieving of the finest powders, avoiding any screen clogging.

ADVANTAGES

Productivity

Better sieving results are reached combining mechanical and ultrasonic vibrations.

Performance

The sieving process is improved using finer and finer meshes.

Maintenance

No wearing actions between Turbosonic and the mesh common in mechanical cleaning systems allow a longer life of the mesh.

Set up

The automatic frequency control selects the right frequency. Not necessary to modify the set-up when changing the product to be sieved.

TECHNICAL SPECIFICATION

Generator

Frequency	25/40 kHz
Frequency control	Automatic
Amplitude settings	30-100% continuous
Power supply	230 Volt - 50/60 Hz (on request 110 Volt - 50/60 Hz)
Max Output Voltage	800 V
Max Output Current	0.13 A
Power	max 120 W
Operating models	Continuous - pulsed (from 3 to 30 pulse/min)
Display	Power - alarm - frequency
Protection	IP 67
Installation environment	Atex zone 21/22

Transducer

Max temp. increase related to room temperature	< 5 °C
HF cable	2 m standard, 5 m and 10 m
Weight	400 g.
Housing	stainless steel
Protection class	IP 67
Installation environment	ATEX Zone 20