ULTRASONIC SYSTEM MOD. TURBOSONIC

TECHNICAL DESCRIPTION

Due to the physical characteristics of some powders, mechanical movement of the sieve is not sufficient, this leads to frequent mesh cleaning and subsequent downtime.
The ***Turbosonic*** system can be a solution for sieving hard to sieve materials. The ***Turbosonic*** utilizes ultrasound to impart microvibrations to the individual wires of the sieve. These microvibrations virtually eliminate clogging of the mesh while processing fine powdered materials.
The ***Turbosonic*** is especially effective when the sieving mesh is <200 microns. The constant microvibrations boost efficiency and decrease the time needed for the separation of material.

TURBOSONIC is particularly suitable when the meshopening of the screen is very fine (< 200 µm), allowing the efficacy (% of the fine fraction separated from the corse) and the efficency of the siveing operation (time of sieving).

The ***Turbosonic*** system can eliminate the need for using balls or brush screen cleaning systems that decrease screen life. The frequency of vibration can be regulated while the machine is running, adjustments can be made “on the fly”, increasing throughput and efficiency

Turbosonic Advantages:
_ Highly efficient screening of fine powders
_ Especially effective on powders with a oil base that tend to clump together
_ Increased screen life
_ “On the fly” adjustment for high efficiency
_ Higher throughput and efficiency

CHECK APPLICATION OF ULTRASONIC SYSTEM:
https://www.youtube.com/watch?v=PhnhCbQbdsk