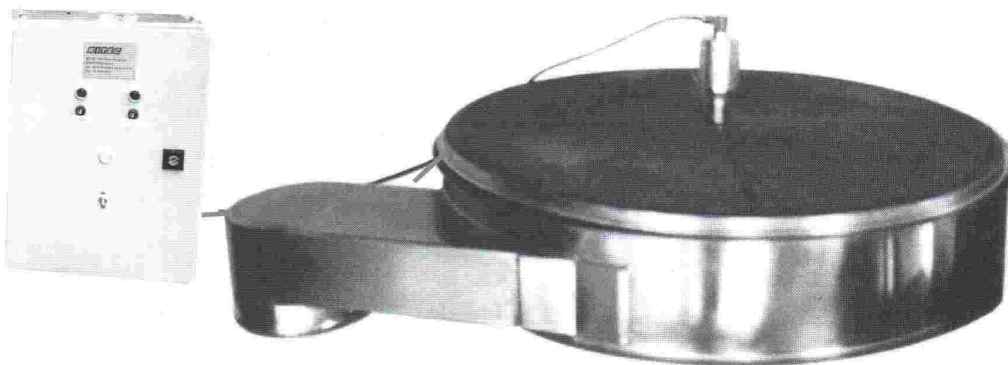


ULTRASONIC SYSTEM FOR SIEVING APPLICATIONS

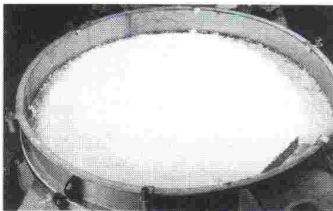
NEW FIELDS OF APPLICATION – VERY SMALL MESH SIZES, FROM 30 μ To 3 mm.

HIGH SEPARATION EFFICIENCY FOR DIFFICULT BULK MATERIALS.

THIS ULTRASONIC SYSTEM CAN BE FITTED ON **RITEC** AND OTHER TRADE MARKS
SIEVING MACHINES TILL 2000 mm DIAMETER.



WITHOUT ULTRASON SYSTEM



WITH ULTRASON SYSTEM

ADVANTAGES

- Increase of throughput capacity
- Transmission of the ultrasonic oscillation motion on the whole screen surface
- Screen life increased even high friction forces
- Temperature of product remains low and constant.

The ultrasonic system is made of a standard circular sieving frame, a transducer, several resonance traverses and a generator which provides to the screen the needed and wanted ultrasonic energy.

The resonance traverses are welded at one of the extremity where the transducer is fixed to constitute a single unit. This unit is welded on the circular supporting screen frame on which the screen cloth is stuck.

OPERATING PRINCIPLE

The ultrasonic vibrations supplied by the generator are converted in a mechanical motion. These vibrations are transmitted to the screen cloth surface via the resonance traverses and the circular screen frame to avoid blinding and clogging.

Traverses allow a steady repartition of vibrations. As a result, the whole screening surface is submitted to the ultrasonic vibrations.

OUR TEST CENTRE IS AT YOUR DISPOSAL FOR TRIALS

RITEC

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