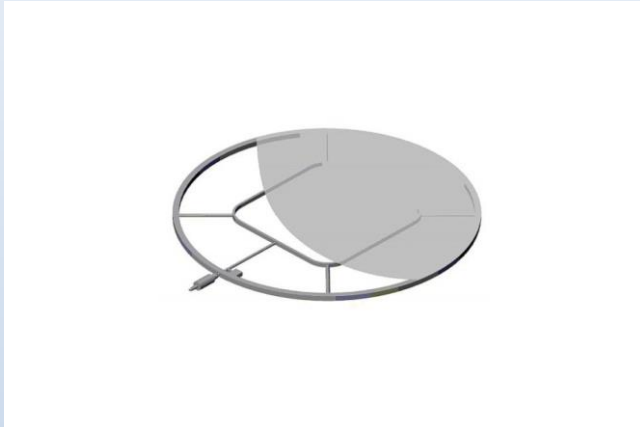


## ULTRASONIC SIEVING MACHINE



**WE ARE COMMITTED TO  
DELIVERING INNOVATION,  
EFFICIENCY AND  
SUSTAINABILITY**

**Ultrasonic sieving system** is an advanced screening technology that integrates high-frequency ultrasonic vibrations with a conventional vibratory sifter. Operating between **18 kHz and 36 kHz**, it converts electrical energy into mechanical micro-oscillations directly on the screen mesh. This process drastically reduces surface friction, prevents screen blinding (clogging), and allows fine powders down to **20 microns** to flow freely.



## Advantages ultrasonic sieving

- No tuning required
- Could be designed according requirement (with free advise)
- No heat participation
- Hardly any stress on tumble and vibrating sieving systems
- By using a quadrant on the sieving screen a maximum transfer of energy will be reached

## TECHNICAL DETAILS :

FREQUENCY	20 KHZ
CONVERTOR CONSTRUCTION	S.S 316 L OR TITANIUM MATERIAL
POWER EFFICIENCY	1000 WATTS TO 4000 WATTS ( Joule /second )
VARIABLE POWER	AMPLITUDE SETTING MINIMUM 50% TO 100% ADJUSTABLE
ULTRASONIC GENERATOR	MICROCONTROLLER IGBT OR MOSFET BASE
COMPLIANCE STATUS	ISO 9001:2015
COMPLIANCE STATUS	CE : MACHINERY DIRECTIVE (MD) 2006/42/EC



Pharmacy



Food



Metallurgy



Chemical Production



Beneficiation ore process



Sieving silicon carbide



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