



Vibrowest ULTRASONIC 3.0

Vibrowest Ultrasonic 3.0 system is Vibrowest's latest evolution designed for the screening of difficult-to-sieve powders using extremely fine screens with meshes **between 0.025 mm (25 microns) and 0.25 mm (250 microns)**. Some types of powder, due to their particular granulometry and physical characteristics, cannot be effectively sifted by mechanical movement of the vibrating sieve alone, thus making an ultrasonic sieving procedure necessary.

DESCRIPTION

Vibrowest Ultrasonic 3.0 marks the third generation of ultrasonic system designed and developed by Vibrowest. The system prevents mesh clogging with very small granulometries powders while, at the same time, increases the flow rate thanks to the ultrasonic frequency applied directly on the wire of the sieving mesh. The use of ultrasonic vibration allows the mechanical movement of the separator to sieve with extremely fine meshes and to avoid clogging. The main areas of application are all the finest powders in the chemical, food and pharmaceutical industries, such as: **additive, powder coatings, toner, wax, metals, perlite, silicone, grinding agents, coke, gypsum, quartz sand, plastic, cellulose, starch.**

FEATURES AND PLUS:

► Operator friendly:

Vibrowest Ultrasonic 3.0 is equipped with an 8" touch screen HMI, which allows the operator to set the most suitable configuration for every single mesh. Each configuration can be saved and recalled anytime.

► External lateral connection:

The lateral ultrasonic connection to the screen frame keeps the transducer isolated from the product.

► Increased productivity and better performance of vibrating screen:

The combined use of the **Vibrowest Ultrasonic 3.0** system applied to the vibrating screen allows to obtain the best sieving results by increasing the capacity up to 10 times.

► Increased quality of the final product:

Vibrowest Ultrasonic 3.0 provides greater efficiency and precision during the sieving operation while ensuring better quality of the final product.

► Lower maintenance costs and longer life of the meshes:

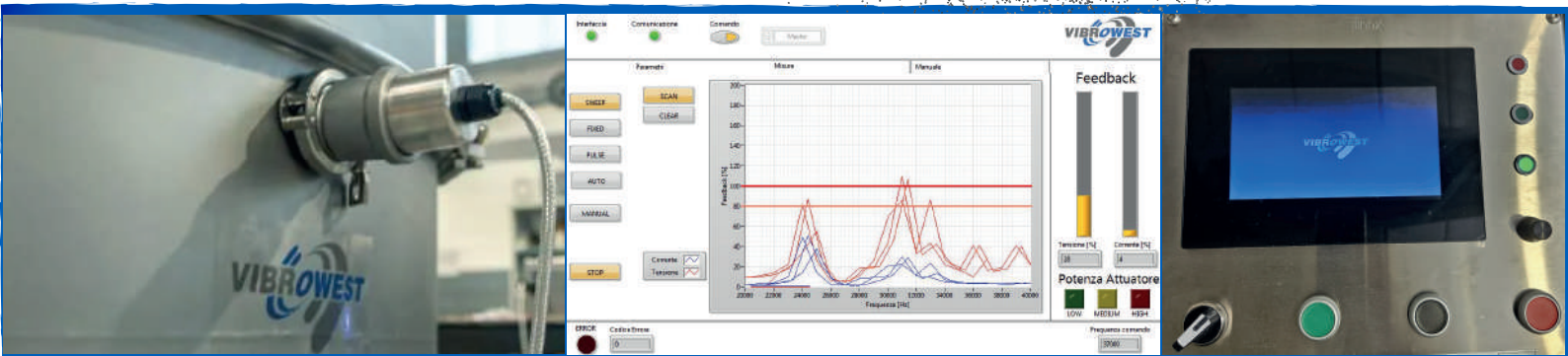
Unlike the standard mechanical de-blinding systems, the **Vibrowest Ultrasonic 3.0** system does not apply any wear action on the meshes. The life of the meshes is significantly longer and the machine downtime to replace screen frames is reduced.

► Remote Control and assistance:

The **Vibrowest Ultrasonic 3.0** system can be easily connected by remote control to Vibrowest engineers for prompt assistance.



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INDUSTRIES:



Pharmaceutical Chemical Agricultural Food & Beverage Plastic

CERTIFICATION AVAILABLE:



*Other options available according to the customer's requirement. Please contact us for more information.