

## Ultrasonic technology in 3D printer powder processing – a revolution supported by Telsonic

PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SIEVING



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In today's technology-driven world, innovative solutions have paved the way for groundbreaking changes. One of these technology wonders is ultrasonic technology, which has proven to be effective in 3D printer powder processing.

### Efficiency through ultrasonic screening

Ultrasonic technology, known for its applications in cutting, welding and screening, has a remarkable impact on the world of 3D printing. It is revolutionizing additive manufacturing, from the automotive industry to dental technology.

Screening powder with ultrasound in 3D printing helps to efficiently remove clumps and other contaminations. It optimizes the process, saves time, and ensures the reuse of valuable powder material.

### Telsonic – A Pioneer in Ultrasonic Technology

Telsonic's prominent role in this technology development cannot be overstated. With more than two decades of experience, Telsonic offers solutions that are specifically tailored to 3D printer powder processing. Thanks to their ATEX and UL approval, Telsonic's screening systems are used worldwide and set new standards in terms of efficiency and cost-effectiveness.

### Ultrasonic screening: How it works

Ultrasonic screening is made possible by a system consisting of a generator, a converter, and a screen resonator. This innovative process from Telsonic ensures that contaminations are effectively removed, increasing throughput and optimizing the entire process.

It is worthwhile for companies looking for optimized screening processes to choose Telsonic as their partner. Their experience and expertise guarantee a solution that meets custom requirements.

It is obvious that the integration of ultrasonic technology into the powder processing of 3D printers offers significant advantages. With companies like Telsonic bringing their expertise and know-how to the table, the future of 3D printing is sure to be brighter.

### Information on that topic:

<https://www.telsonic.com/de/main-menu/anwendungsbereiche/sieben/pulveraufbereitung-3d-drucker/>

Act now! If you want to be part of this revolutionary change and optimize your production processes, contact Telsonic and discover how ultrasonic technology can meet your needs.

By Dirk Schnur, Chief Marketing Officer, TELSONIC AG (Switzerland)