

Application example

Powder processing in a batch process

PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SIEVING



Sieving in powder circuits with the SG4L pro generator

Task

During the printing process and after unpacking a printed part "used" powder accumulates, which must be reprocessed. Reprocessing in large plants comes at a high cost.

Solution

Telsonic offers a reliable solution of processing the "used" metal powders. After the printing process is carried out we use an ultrasonic screening module without low-frequency vibration to assist in sorting the powder. The powder is then fed back to the printing process after the sieving process.

Advantages of this configuration

Recycling the "used" powder results in significant cost savings. The quality of the construction jobs is reproducibly guaranteed. The compact sieving module can be used as a stand-alone unit for sieving in batches. The standard powder containers are attached via state-of-the-art clamp connections.