

The future of cleaning AM-manufactured parts

Automatic blasting technology from BMF



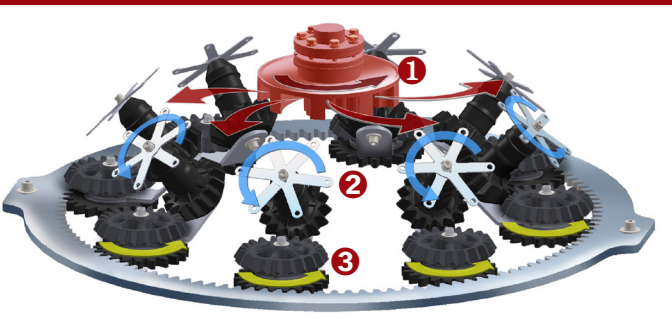
New and globally unique, compressed-air-free technology for surface blasting and cleaning

More than 150 years after the early days of conventional blasting technology, we at BMF are breaking new ground. Fluctuations in quality, a lack of reproducibility in blasting results and an extremely high consumption of compressed air and energy were what drove us to develop something completely new.

Our TWISTER and TORNADO blasting systems utilise a central blasting wheel **1** with a patented blade geometry to propel blasting media onto the workpieces with high precision.

This creates a cloud of blasting media rather than a focused jet. The workpieces are arranged on holders **2** with workpiece carriers **3** on

a turntable in such a way that they rotate continuously, enabling them to be blasted from all sides.



Video on
the function
(Youtube)

PERFECTLY BLASTED SURFACES



SMART SURFACE CONTROL

Our technology even allows the optical and physical properties of surfaces to be precisely programmed. This is precisely why we have developed our pioneering **SMART SURFACE CONTROL** technology. It enables the entire manufacturing process to be optimally tailored to the desired surface quality.



An AI-supported analysis of reference workpieces that have already been blasted helps to determine the ideal blasting parameters depending on the material to be processed.

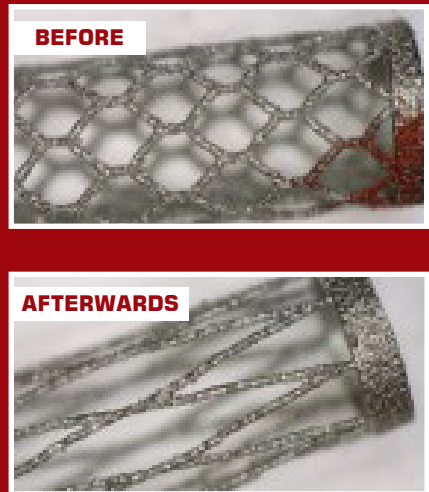
Combined with defined and protected process recipes, this enables consistently high-quality and reproducible blasting results to be achieved, whilst reliably removing powder residues.

Examples of use

Cleaning AM parts / build platform



Lattice structure (AM) in detail



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