



AGTOS®

Conserving resources in shot blasting technology

The importance of respect for the environment grows continually in our daily lives, with us changing our habits and developing further as a consequence. The environmental issue also attracts increasing attention in shot blasting.

In addition to the positive environmental aspect, many users also frequently benefit from comparatively lower operating costs.

AGTOS also addresses this issue and observes the following:

- When planning machinery, needs-based activation of turbines and the abrasive supply must be ensured. No continuous blasting occurs without workpieces. This relieves stress on the shot blast machine and reduces abrasive and energy consumption. This principle can be equally applied to cleaning of workpieces (e.g. when blowing off residual abrasive).
- Automatic deactivation of shot blast machines in the event of waiting times. The abrasive cycle and filter system overrun is time controlled in each case.
- Abrasive cleaning is essential for positive wear values. Practical wind sifting configuration options mean that a lot of material and abrasive is saved through lower wear in the shot blasting machine.
- Drive efficiency classes are taken into consideration when designing **AGTOS** shot blasting machines.

- Blast machines
- Second-hand machines
- Conveyor systems
- Service and spare parts

- Actuators for shell valves contribute to efficiency, as turbines can only be fed abrasive volumes to suit immediate needs.
- Frequency converters for turbine motors enable adaptation of speed to the process. This impacts on wear and energy consumption.
- Savings can also be made here through needs-based setting of frequency converters for tumble belt or wire mesh belt conveyor drives.
- **AGTOS** high-performance turbines are designed to ensure that, while requiring the same amount of energy, the abrasive shot flow rate is greater than that of competitor models.
- Control of filter cartridge cleaning depends on differential pressure, reducing stress on the filter material and saving compressed air.

Do you have any questions?

We'll be more than happy to answer them.



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