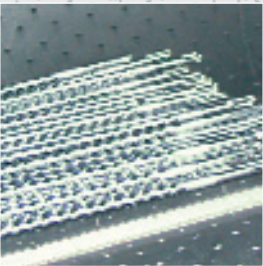




- Blast machines
- Conveyor systems
- Service and spare parts

The New World of Surface Technology



AGTOS – Your New Partner For All Surface Technology Questions



View of **AGTOS'** new head office in Emsdetten (Entry Mai 2003).



Reception area at new company headquarters in Emsdetten.

AGTOS was founded by a special group of individuals who live and breathe surface technology. Supported by a highly qualified staff of coworkers and colleagues, this group of experts is at the heart of your **AGTOS** team.

Our team has an enormous wealth of experience in the development, design and manufacture of turbine-wheel shot blast machines.

Our experience is backed by state-of-the-art production facilities at our own plant in Poland, an extensive warehouse facility at our headquarters in Emsdetten and an optimized business model.

In addition, a streamlined organizational structure and a high degree of team motivation make it possible to manufacture machines and blasting units with the same consistently high quality at an economical price. This is also true for all of the blasting services we offer.

AGTOS offers turbine-wheel shot blast equipment, including the appropriate transport system, for a wide range of applications. Examples include:

- Scale removal
- Rust removal
- Burr removal
- Paint stripping
- Roughening
- Cleaning
- Dressing
- Hardening

We place special emphasis on providing perfect customer service. This applies not only to the blasting equipment we manufacture, but also to many other makes of equipment. Our service program includes:

- Spare parts
- Modernization and performance enhancement
- Sale of used machinery
- Repair and maintenance
- Instruction and training

We hope that we have stimulated your interest in building a close working relationship with **AGTOS**. Additional information and news are available on request or through our Web site at www.agtos.com.



Manufacturing plant in Konin.

The **AGTOS** high-performance turbine – the heart of our blasting machines

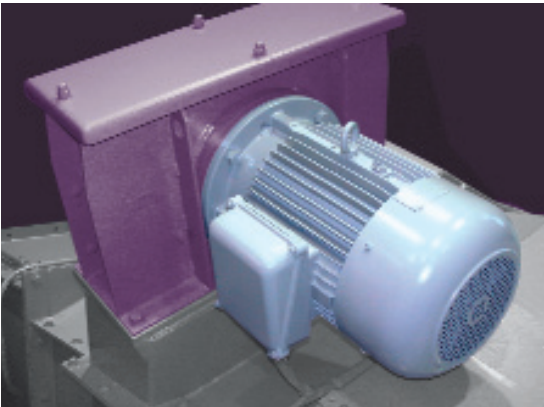
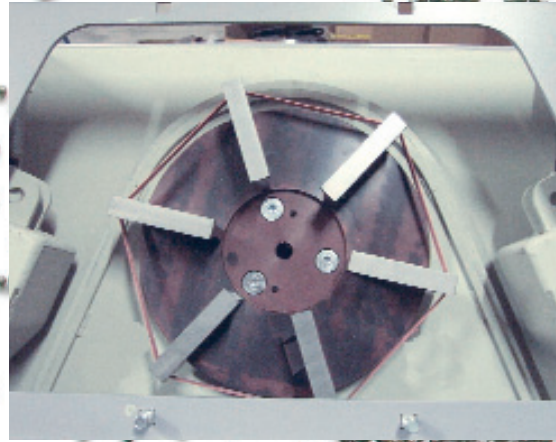
Improved performance and quality at the same price.

We developed the **AGTOS** high-performance turbine in order to provide a reliable blasting unit that ensures cost-effective operation and low costs for replacement parts. Hands-on experience under actual

operating conditions has shown that our single-disk turbine achieves a more than 20% increase in abrasive throughput with the same level of power consumption.

This means that work pieces are blasted over a larger surface area with the same consistently high quality. With available turbine wheel diameters ranging from 330 mm (Turbine 3.6) to 450 mm (Turbine 4.8) and correspondingly higher rpm rates, ejection velocities can be fine-tuned to achieve the blasting goal.

Customers who operate an **AGTOS** blasting machine are not the only ones convinced by the **AGTOS** turbine. We also use the same turbine to optimize the blasting units of other manufacturers.

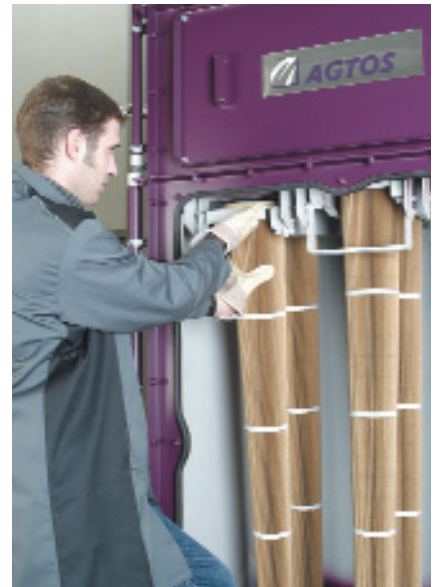


New, cleaner filter technology

Comfortable and clean handling facilitates work procedures

Our engineers also developed a unique concept here. **AGTOS** cartridge filter units are easy to maintain because the cartridges can be exchanged quickly and easily by means of a pullout carrier element. The cartridges have a conical shape and a coarse fold.

This promotes better adhesion and cleaning of dust. And only the paper or polyester cover requires disposal, not the entire cartridge. This saves money and helps protect the environment.



Exchanging filter cartridges is now clean, quick and easy.

AGTOS Blasting Machines – Latest technology with time-tested detail



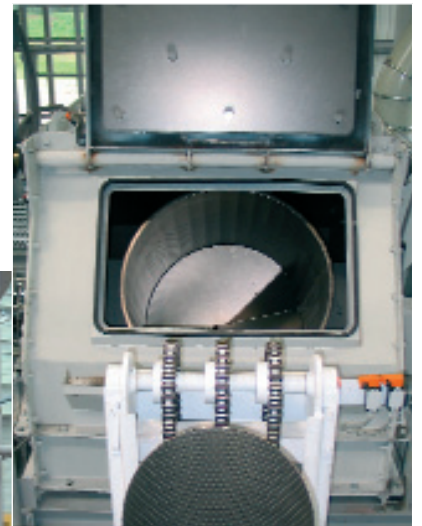
Hanger-type blast machines are engineered as stand-alone solutions or designed for applications requiring continuous operation.



Hanger-type blast machines

Hanger-type blast machines are among the most flexible types of blasting equipment. They are also used to continuously blast a wide variety of work pieces.

AGTOS has already built many of these machines in a variety of sizes and types. For foundry applications, the machines can be fitted with additional magnetic air classifiers that separate sand and abrasive.



Drum blast machines

AGTOS drum-type blasting units are ultra-modern machines based on a proven principle. They offer users many new technical details.

The drum is made of perforated manganese steel. There are no transition areas between moving and stationary parts. This prevents the jamming of work pieces.

In addition, the drums can be easily and completely emptied, which prevents repeated blasting of individual work pieces.





Roller conveyor blast machine with crossover conveyor technology.

Roller conveyor blast machines

Roller conveyor blast machines are used to remove scale and rust from metal profiles and sheet metal components. By combining a roller conveyor with the appropriate crossover conveyors, individual process steps such as blasting, conservation, sawing and drilling can be interlinked. This ensures a flexible manufacturing process and high material output.

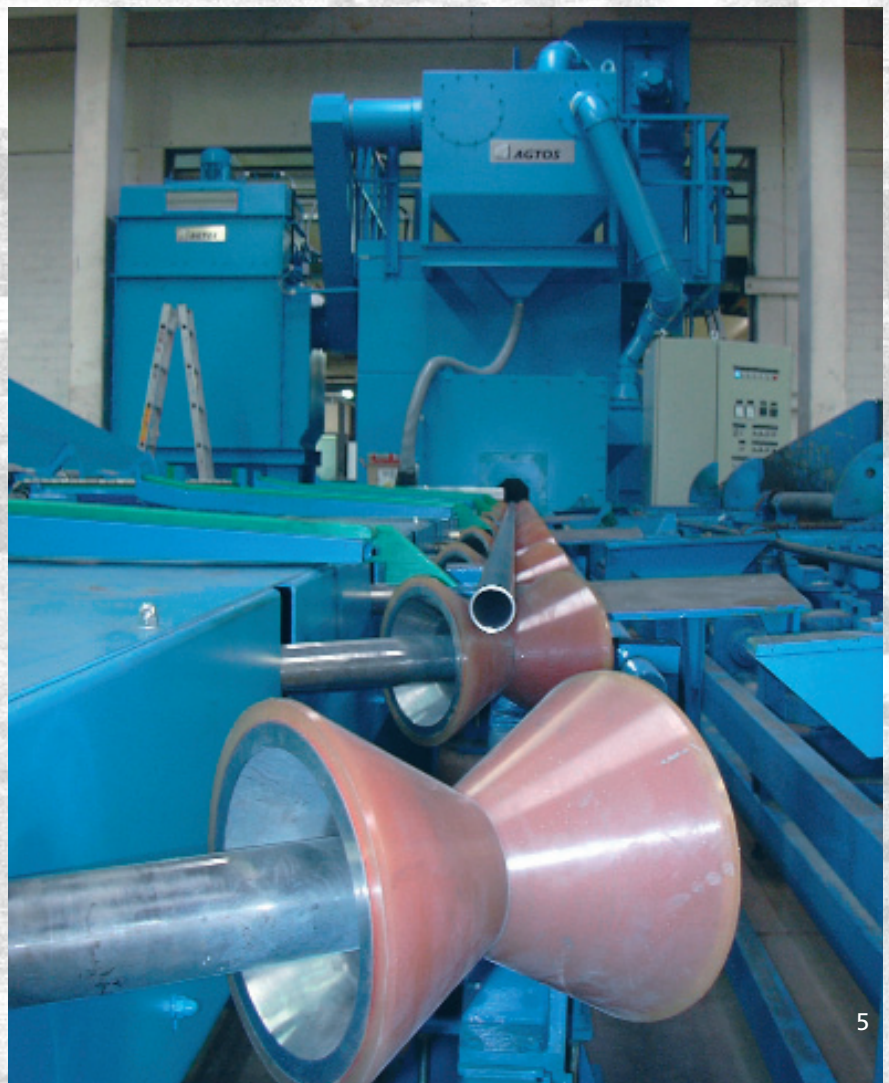
Another field of application for the roller conveyor blast machine is the blasting of large machine constructions as preparation for the subsequent conservation process.



Roller conveyor blast unit with oversized passageway for blasting machine constructions.

Diabolo blast machines

Diabolo blast machines are used to remove scale and rust from pipes, rods and rounded objects. If desired, blow-off equipment can be used to free pipes of abrasive. Special transport technology provides for optimal integration of these machines in the manufacturing process. This increases flexibility and ensures high material throughput.





Tumblast machines

The tumble blast machine's endless rubber mill continuously turns the work pieces and exposes them to the abrasive stream for the entire blasting time.

The use of a rubber mill ensures a relatively gentle tumbling motion. Because clearances in the mill are kept small, it is also possible to blast extremely tiny work pieces.

The machine can be filled and emptied in automatic mode using a loader and take-off conveyor. This is performed manually or with the help of lifting equipment in semi-automatic mode.



Direct unloading into a variety of containers or onto a conveyor belt is also possible.



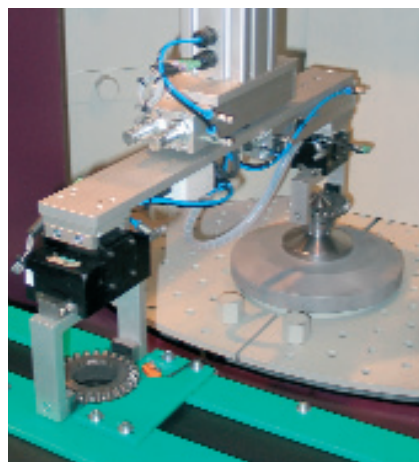
Rotary table blast machines

Rotary table blast machines are usually loaded manually. They are most frequently used to clean cast or die-cast work pieces in batch mode and to roughen the surfaces of work pieces before coating.

In automated lines, primarily in the automotive industries, satellite rotary table blasting machines often include integrated robotic handling devices. An example would be the surface hardening of transmission components.



Automated satellite turntable blast machine for castings.



Satellite turntable blast machine

Service for blasting machinery



Retrofitting of blasting machines with magnetic air classifiers for the separation of abrasive and sand.



Used machines are technically overhauled and then integrated into plant operations. Working on its own or as a general contractor, **AGTOS** undertakes disassembly, transport and re-assembly of the machines.

We place special emphasis on providing perfect customer service. This applies not only to the blasting equipment we manufacture, but also to other makes of equipment. Our service program includes:

- Spare parts
- Modernization and performance enhancement
- Repair and maintenance
- Instruction and training



Configuration of steel mill tumble blast machines with new wear-parts.



A wide range of abrasive types can be delivered on short notice.



Workpiece trestle for hanger-type blast machines.



Nozzles for compressed air and injector-type blast cabins.



In addition to replacement turbine parts, we also supply filter cartridges, cleaning and sealing brushes, and precut rubber and manganese blanks for many machine types.



Bucket elevator belts, buckets and screws for all makes of blast machinery.

In addition to the representatives listed below, **AGTOS** works closely with other regional partners.

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