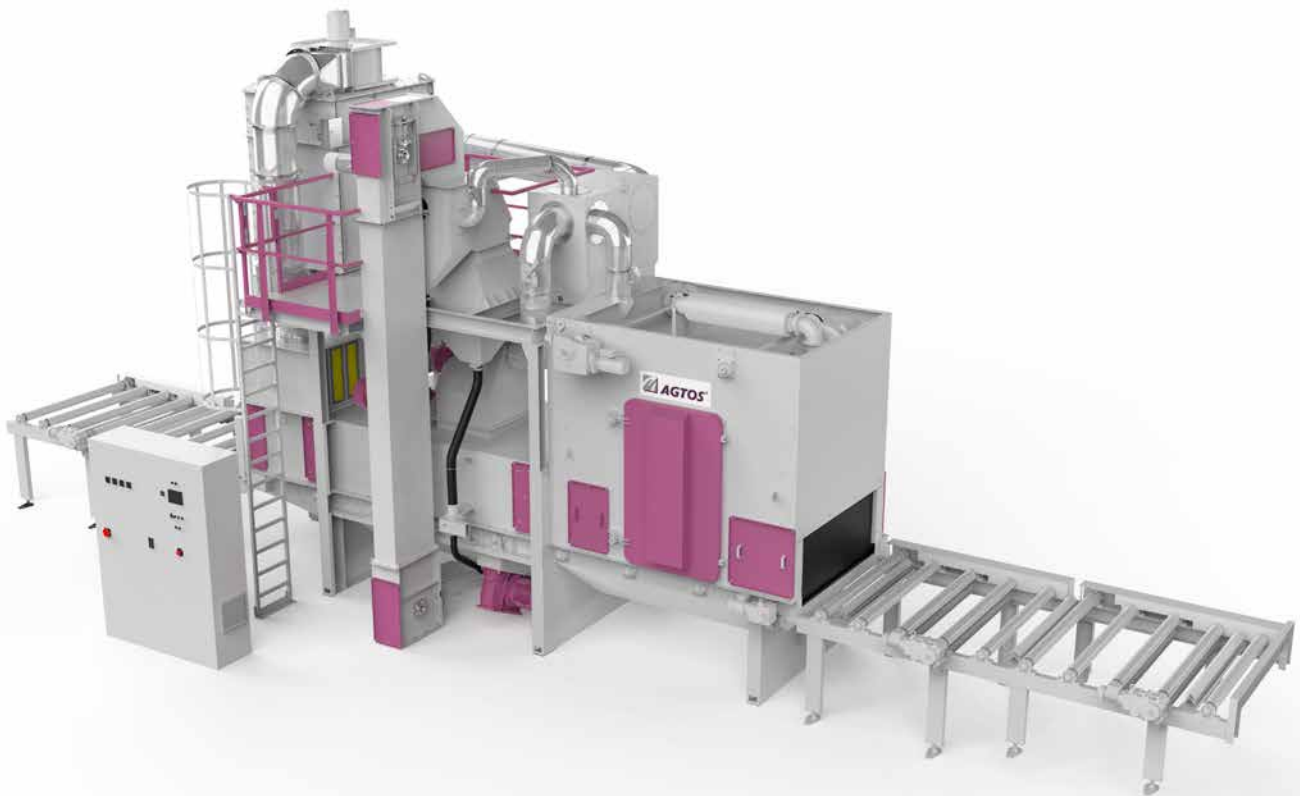




AGTOS®

Roller conveyor shot blast machine

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



Roller conveyor shot blast machines are used to remove scale and rust from metal sections, metal sheets and constructions. By combining a roller conveyor with the appropriate cross-over conveyors, individual process steps such as blasting, conservation, sawing and drilling can be interlinked. This ensures a flexible manufacturing process and a high material rate.

Advantages of AGTOS roller conveyor shot blast machines:

- High roller load possible
- Load-bearing roller with pedestal bearings
- Pendulum seals at inlet and outlet
- Hanging bearing for abrasive screw conveyor

Decisive advantages of **AGTOS** roller conveyor shot blast machines

→ High roller load possible

When there is a need for more: For flexible practical use, the load on the rollers is even designed for holding up under unplanned stress and crane loading.



→ Pendulum seals in the inlet and outlet

A dust-free environment is not only ensured by the reliable filter unit, pendulum seals significantly reduce the escape of dust during the blasting process and close the underside of the profiles.



→ Load-bearing roller with pedestal bearings

In the blasting area, the load-bearings are equipped with pedestal bearings. These can be replaced more quickly and reduces downtimes. The service life is also increased, as there is no direct contact with the abrasive.



→ Hanging bearing for abrasive screw conveyor

The abrasive screw conveyor is divided by hanging bearings. This makes it easier to remove and install it during servicing. The hanging bearings also help to extend the service life by preventing deflection of the screws.



→ AGTOS filter technology

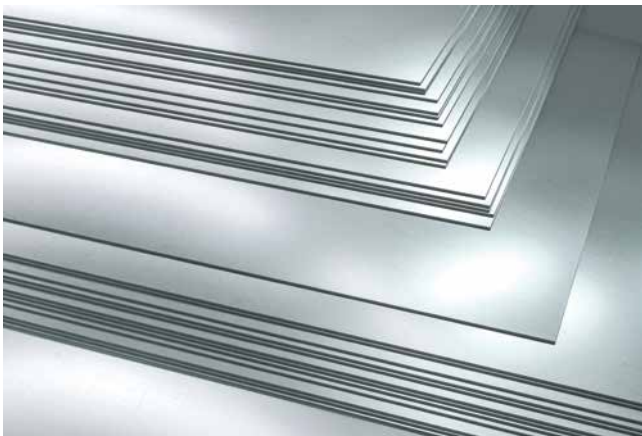
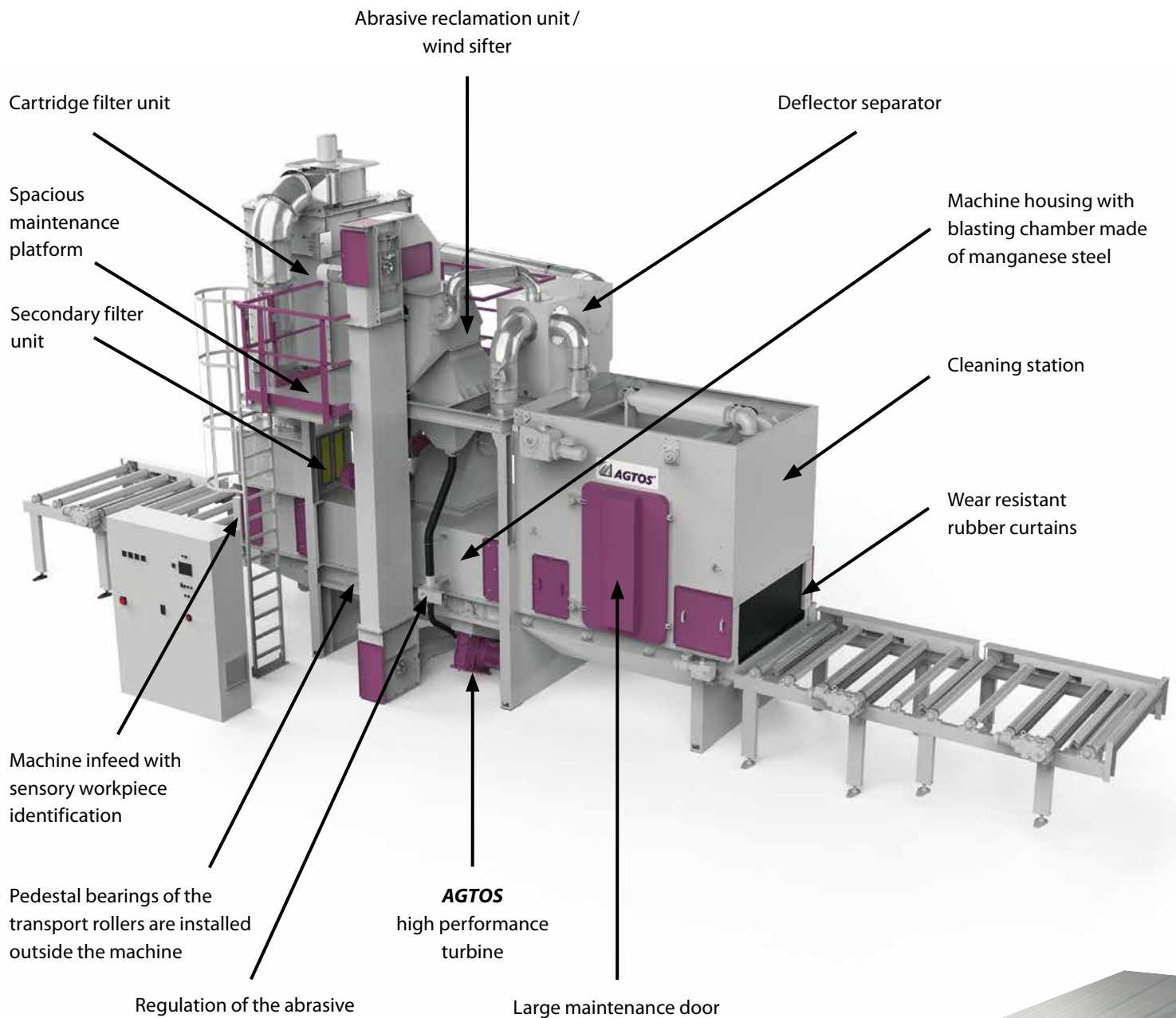
The innovative filter technology convinces with strong performance. The special feature is the conically shaped filter cartridges, which can be quickly and easily replaced outside the housing by means of a slide element. These cartridge filter units can also be retrofitted to older blasting machines of all types.



→ AGTOS shot blasting technology

AGTOS turbines are solid units that work highly economically due to fewer wearing parts and a high abrasive throughput. All drives on our machines are designed to be energy-efficient.

Construction of an **AGTOS** roller conveyor shot blast machine



Efficient blasting with **AGTOS** roller conveyor shot blast machines – practical examples



AGTOS manufactures roller conveyor shot blast machines also as special machines. The machine shown here is designed for the processing of cast clamping plates, measuring plates and testing plates weighing up to 25 tons.



Blast machine with cross conveyor



Blasting of flame cut parts in the basket



Vertical roller conveyor shot blast machine

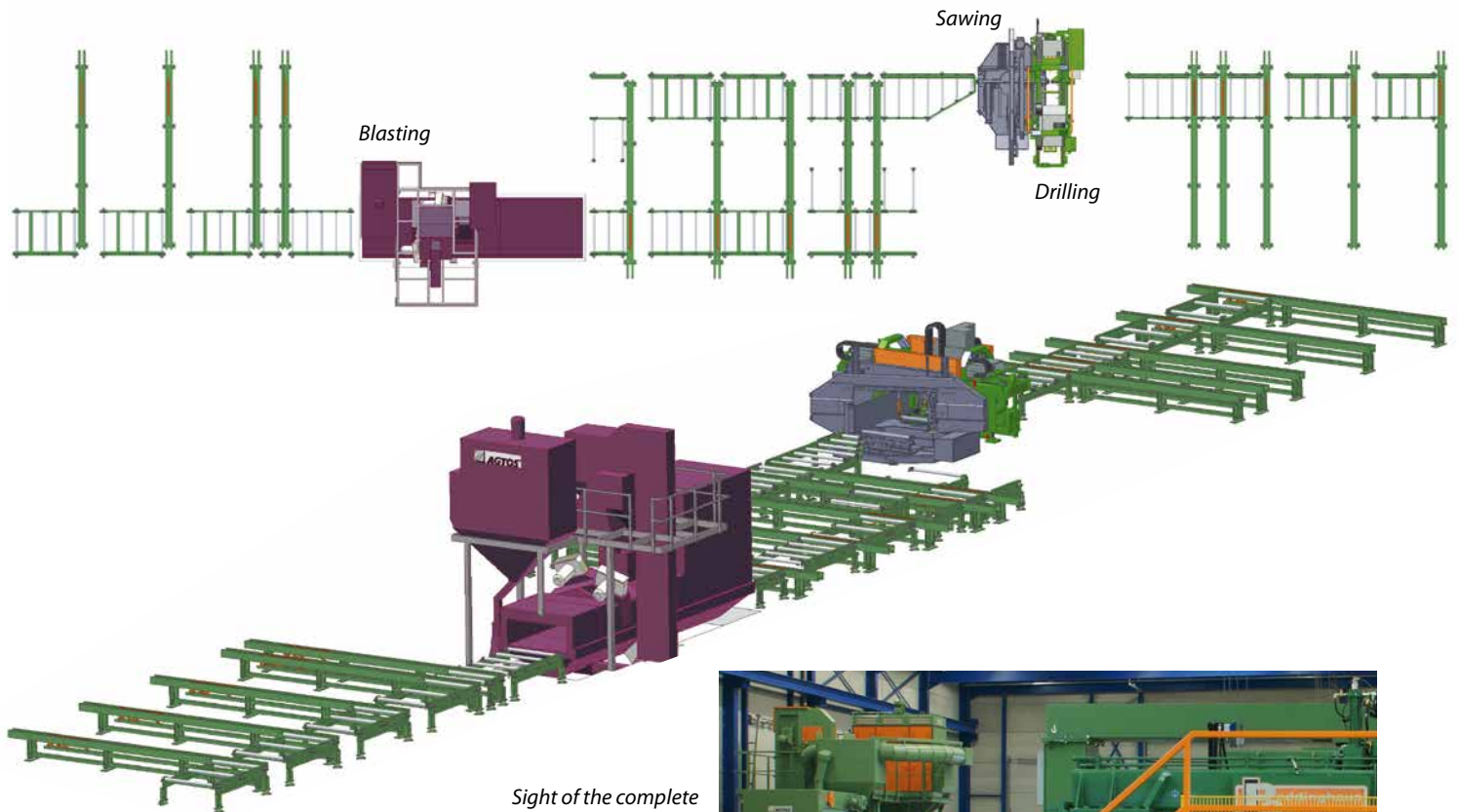


Shot blasting of profiles



*Special solutions are also realized:
A cleaning brush with different bristle lengths so that profiles do not have to be turned when being placed on and removed.*

Blasting machines aligned with sawing-drilling-machines



Sight of the complete line with sawing, drilling and blasting machine



*The **AGTOS** blasting machine with clearly marked maintenance doors*



Collaboration of **AGTOS** and **Peddinghaus**

Complete solutions are attributed more and more importance in metal-working facilities. This development is reflected in the cooperation of **AGTOS** and Peddinghaus.

For this reason the **AGTOS** blasting machine was aligned with the Peddinghaus steelworkers 1270 DGP and BDL 1250/9 in a client's facility. The project comprises the inlet and outlet roller conveyors as well as elevating truck crossover conveyors. The whole machine is centrally operated.



Crossover conveyors connect the roller conveyor shot blast machine with the sawing and drilling machines.

Service for shot blast machines



Used machines are technically overhauled and then integrated into plant operations. **AGTOS** undertakes the disassembly, the transport and the assembly by master mechanic or completely.

We place special value on perfect service. And not just for **AGTOS** shot blast machines but also for many other brands.

Our service program includes:

- Wear and spare parts
- Modernisation and performance enhancement
- Repair and maintenance
- Instruction and training
- Service app for prompt and competent support



Turbine parts for many brands



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



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



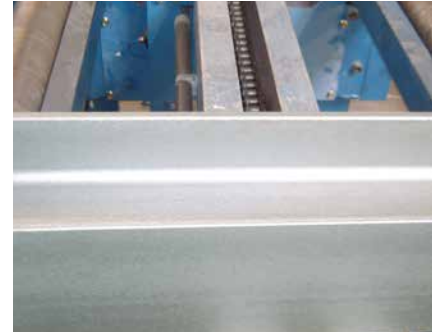
Bucket elevator belts, buckets and screws for all brands of shot blast machines

Modern blasting technology made to measure

AGTOS manufactures turbine-wheel shot blast machines for special applications according to the needs of the customer. Based on the different work pieces and specifications concerning the surface and the space available at the client's facility we provide our customers with a variety of specialized roller conveyor shot blast machines. The following table lists the most frequent models and their most important technical characteristics.



Steel beam before...



...and after the processing

AGTOS roller conveyor shot blast machines are among others available in the following standard sizes:

Technical data	RT 05-10 (Ocean Blaster)	RT 10-05	RT 15-06	RT 26-06	Construction blaster
Max. Passage width	500 mm	1 000 mm	1 500 mm	2 600 mm	various standard and special sizes
Max. Passage height	1000 mm	500 mm	600 mm	600 mm	
Max. Roller load per meter	750 kg	5 000 kg	4 000 kg	3 600 kg	
Possible working speed	0,4 - 2,0 m/min	0,5 - 2,5 m/min	0,5 - 2,5 m/min	0,5 - 2,5 m/min	
Quantity of turbines	4	4	4	6 and 8	

Infos about our roller conveyor shot blast machine can be found here:



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