



AGTOS[®]

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

The "Ocean Blaster"



**A Compact Shot Blasting Machine
For Work Piece Dimensions of (W x H) 500 x 1.000 mm**

Ocean powered by **AGTOS** – Compact Solutions for Small Businesses



The side view illustrates the compact design of the "Ocean Blaster".

After a demand became apparent for shot blasting machines also in smaller businesses of the steel industry, **AGTOS** reacted in cooperation with its partner Ocean Machinery Inc. by developing a machine that caters to this demand. The goal was to design a roller conveyor shot blasting machine for the operation in small shops often with low ceilings. The "Ocean Blaster" meets this and also further criteria.

The work pieces to be treated can have the maximum dimensions of 1.000 mm in height and 500 mm in width. In comparison to usual machines the "Ocean Blaster" was executed in a very compact version by the **AGTOS** engineers. Thus an advantage in space was generated. Even the overall machine height of 4,1 m is remarkable low. Therefore the machine can also be used in smaller production halls without a foundation pit. Additionally the machine is executed in a user-friendly way. A maintenance platform is provided for the operation of the wind sifter. Suitably dimensioned maintenance doors secure the easy access to the wear parts.



The wind sifter eliminates dust and undersized shot from the abrasive.

Key Advantages of the "Ocean Blaster"



AGTOS High-performance turbine



Switch box



Perfect sealing of the inlet



Maintenance-friendly filter unit



Convenient refilling hopper for the abrasive



Maintenance-friendly change of the rubber lamellas

→ Compact Design

Especially designed for low-ceilinged halls with restricted space.

→ Energy-Efficient Execution

A switching threshold combined with a shift register at the inlet of the shot blasting machine ensures that the abrasive is only fed to the turbines if a work piece is within the shot blasting zone. Thus the machine is only blasting when required. This saves energy and reduces the wearing and abrasive consumption.

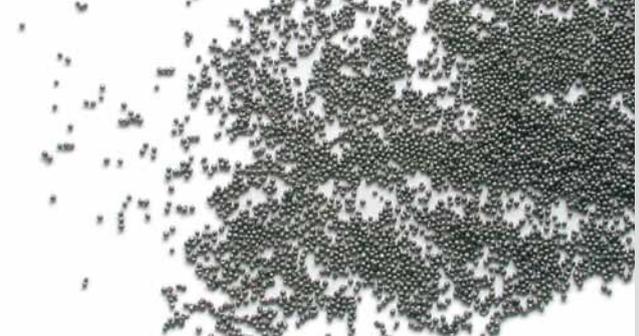
→ Lower Operating Costs

Concrete advantages are offered by the high-performance **AGTOS** turbines and cartridge filter unit with differential pressure controlled cleaning intervals for the cartridges. As a result the "Ocean Blaster" consumes comparatively less energy and abrasive. This keeps the operating costs down.

→ Passage Speed

Using rounded grain in order to reach the cleaning level SA 2,5, the roller speed is approx. 1,0 m per minute.

These and further advantages allow for a cost-effective treatment of the work pieces.



Steel beam before...



...and after the processing.

Technical Data	
Max. work piece height (mm)	1.000
Max. work piece width (mm)	500
Min. work piece length (mm)	2.000
Max. work piece weight (kg/m)	750
Number of high-performance turbines	4
Blades per turbine	6
Turbine drive (kW)	7,5
Abrasive flow per turbine (kg/min)	135
Abrasive throwing speed (m/sek.)	88

Subject to change.



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AGTOS

Gesellschaft für technische
Oberflächensysteme mbH

Gutenbergstraße 14
D-48282 Emsdetten

Tel.: +49(0)2572 96026-0

Fax: +49(0)2572 96026-111

info@agtos.de

www.agtos.com