



AM-Deburring DM 110 Blast machines



**Surface treatment
and machine solutions**

Blasting



DM 110 Blast-Line

Danish manufactured blowing machine for smaller items.

DM 110 multi-nozzle sandblasting machine has a stable blasting chamber that is easily accessible via two large side doors. This makes it easy to load the blasting chamber and you, as the operator, will appreciate the versatility and advantages of the automatic blasting machine.

The multi-nozzle blast machine DM 110 contributes decisively to the process optimisation of blasting tasks, as they arise in cyclical production processes.

- You save time, air and energy.
- Ensures an even and uniform surface finish.
- Flexible adaptation to the shape of the workpiece.
- Eliminates tedious manual work.
- Eliminates bottlenecks in production.
- Easy and simple operation due to semi-automatic operation

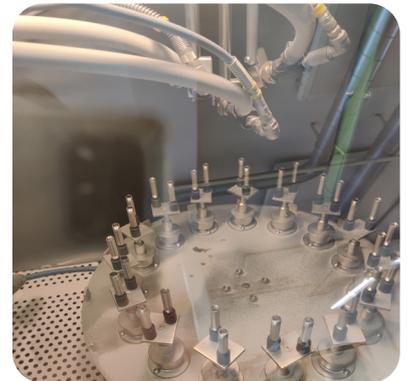
Operation and adjustment of the multi-nozzle blasting machine DM 110:

Manual operation.

The control valve is set to manual operation.

The blower of the blasting machine is then switched on together with the illumination of the blasting chamber.

The workpieces are positioned in baskets through the side door or by placing them in the blasting chamber, and then the blasting gun is activated via the foot pedal.



Automatic operation.

The control valve is set to the automatic operation position.

The blast machine's blower is then switched on together with the blast chamber's lighting.

The workpieces are mounted on the workpiece holders and then placed in the blasting chamber for treatment by closing the side door.

As soon as the door is closed, processing of the workpieces can begin.

The turntable now moves automatically from workpiece to workpiece and the workpieces are now blasted evenly.

The operating status of the process is displayed on the touch screen.

The linear sequence of the nozzle position, which automatically move up/down during the process, can be set via the touch screen.

When the process is finished, the turntable is cleaned of the blasting material before the process is brought to a close.

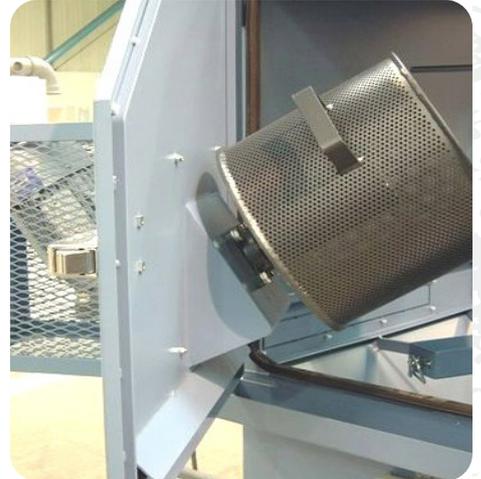
Excess blasting material falls into the funnel-shaped container under the processing table in the blasting chamber.

Afterwards, the finished workpieces can be removed and, if necessary, the blasting chamber can be reloaded.



You have the items - PERS GROUP have the solutions

Blasting



Design of the multi-nozzle blast machine DM 110:

- Turntable mounted horizontally swivelling on the side door.
- Positioning of the turntable in various partial steps is possible.
- 15 workpiece holders for holding blanks, rotatably mounted on the turntable.
- 3 blast nozzles, which can be operated either manually or semi-automatically.
- Cyclone with HEPA filter system for effective removal of dust and blasting material from the exhaust air and return of usable blasting material into the circuit.
- Container for the falling blasting material.

Basic equipment of the multi-nozzle blasting machine DM 110:

- Filter system, extra spacious 10 m² with time-controlled cleaning.
- 2 spacious side doors with safety door switches.
- Foot pedal for manual operation of the blasting nozzles / blasting gun.
- Nozzle/s made of wear-resistant tungsten carbide.
- Nozzle holder.
- Pressure gauge and pressure regulator.
- Built-in lighting.
- Safety glass, double replaceable glass pane.
- Rubber coating on the inner side walls.

Main dimensions and technical data:

Dimensions blasting chamber

LxWxH:	1100 x 800 x 840 mm
Overall dimensions LxWxH:	2200 x 1400 x 2500 mm
Door opening W x H:	690 x 840 mm
Cyclone type:	R-350
Nozzles:	3 pieces DM 3-8 mm carbide nozzles.
Filter type:	DC-1100, 1.2 Kw
Filter area:	10 m ² with pulse cleaning.
Turntable:	Stainless steel Ø 450 mm
Turntable drive:	0.5 Kw, infinitely variable via gearbox.
Air consumption:	2-400 ltr. per nozzle head
Electrical control:	Omron touch panel and frequency converter.



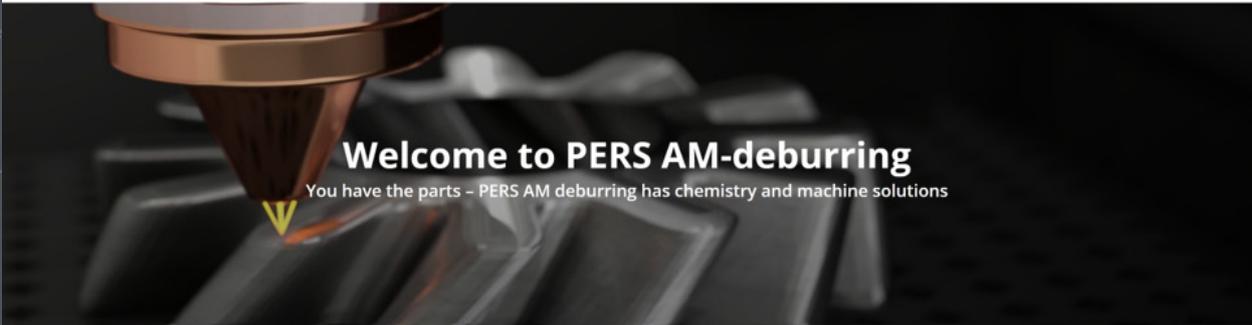
Glass beads are a spherical, iron-free blasting medium which is suitable for use with stainless steel and aluminium. The round shape of the product makes it ideal for non-aggressive cleaning and for producing visually attractive surfaces. Micro glass beads are one of the most common reusable blasting media and are used all over the world.

GM40 : 300-40 my
GM60 : 150-250 my
GM80 : 100-1200 my

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Ovens



Your professional partner when it comes to ovens for industries, furnaces for laboratories. Furnaces /ovens for use in the heat treatment of metal-printed parts and for curing powder coated parts.

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Blasting



Your professional partner when it comes to blasting and we more than 50 years of experience in portable sandblasting equipment, sandblasting accessories, manual sandblast cabinets, personal protective equipment and compressed air preparation equipment.

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Deburring



Your professional partner when it comes to deburring - Pers AM-deburring has extensive experience with deburring machines and consumables. The required finishing results, machine size and weight of the treated parts are important aspects to select the right media composition and size to achieve the optimum process. Different types of media with different amounts of abrasives are needed for the different processes.

[Read more](#)

Shop



AM-Deburring WEBSHOP

Your professional partner both develops new products and cooperates with renowned international manufacturers, and we can therefore offer highly developed process chemicals. These process chemicals fully meet the requirements of the high-tech industry.

Ordering of the most common process compounds and consumables can be found here.

[Read more](#)

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