

SIGG Strahltechnik

Rotary table blasting system KA 6/6



Here is where
the really
big work pieces
go round



Rotating indexing tables and satellite plates for more efficiency

Surface treatment must be of high quality and at the same time efficient. This applies particularly to the surface treatment of numerous parts of equal size. Here the rotary table blasting system KA 6/6 scores points. The all-rounder amongst blasting systems is designed to rely on automatic processes. The fundamental feature of rotary table blasting systems is the rotating indexing table with the six attached rotating satellite plates, on which the work pieces to be blasted have been placed. The satellites are located within the blasting area, at the control station, in the entrance area and in the blow-off chamber. The infinitely variable rotational movement ensures consistent treatment. In systems for the processing of particularly large work pieces, a lifting movement is activated, in order to achieve a beautiful, even surface throughout the work piece. As standard, the 6 blasting guns of the rotary table system KA 6/6 are equipped with ceramic nozzles. Hard metal nozzles made of Borcarbide are also available.

Quick conversion

The individually produced mounting cases are attached to the satellite plates and can easily be exchanged. The conversion to blast another type of work pieces is consequently efficient and speeds up the work processes. For consistent blasting of higher parts, SIGG Strahltechnik provides a pneumatic or electric lifting device. The blasting guns are mounted to this device and subsequently run over the parts at the predetermined speed.

Your benefits:

- Automatic blasting
- Easy mounting
- Simultaneous processing of various parts
- Easily adjustable blasting guns
- Viewing window in blasting chamber
- Separate dust collector
- Easy handling

Did you know?

SIGG Strahltechnik also provides matching accessories and spare parts for your blasting system. In case your machine needs maintenance or repair, it would also be our pleasure to submit you an offer. Simply give us a call, tel. +49 (0) 7741 808 93 0.

Oberflächen
für Industrie
und Technik

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Technical Information

Rotary table blasting system KA 6/6



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|-------------------------|---|
| Outer dimensions | Width: 1200 mm + 1000 mm for control panel and satellite drive Depth: 1800 mm + 200 mm for air vent Height: 2500 mm (with lifting device 3000 mm) |
| Weight | ca. 1150 kg |
| Equipment | 6 satellites, 6 blasting guns |
| Power connection | 3x 400 V AC / 16A / 50Hz / 0,5 kW |
| Air connection | 3/4" G |
| Air requirement | 8 mm nozzle: ca. 500 liter/min at 5 bar 10 mm nozzle: ca. 800 liter/min at 5 bar |

Controlled cleaning for efficiency and perfect perspective

The system is equipped with a Siemens SPS-control. All electrical equipment required is installed in a control cabinet. Further benefit: The separately located dust collector, which is furnished with a cartridge filter, causes a vacuum in the cabin, not allowing either blasting material or dust to exit the cabinet. The cleaning of the filter cartridges is accomplished via compressed-air impact, initiated by the control. The blasting abrasive is in a closed circuit. This ensures that unused material is continually reutilized, while crushed blasting abrasives and fine dust are extracted. All commercial blasting abrasives can be applied. Optionally available is an abrasive storage bunker, an impact separator and a screening plant. Furthermore, the systems can be delivered made of stainless steel (V2A).

Easy mounting of the system during the blasting process

In the rotary table blasting system KA 6/6, work pieces, which can reach up to 250 mm in diameter and up to 400 mm in height, are mounted onto the satellite plate and blasted automatically. They are cleaned in a separate chamber and again moved into the mounting position where they can be removed. The lateral wing doors permit an easy access to the blasting guns, making the process especially ergonomic. A clear sight on the blasting process is provided through the viewing window in one of the two wing doors, which is furnished with a movable protective cover.

Applications

The rotary table blasting system KA 6/6 with its powerful blasting gun is suitable for the surface treatment of relatively large work pieces and is employed in numerous industries. Our customers are to be found in areas such as medical technology, electronics, electrical engineering, in precision mechanics and in the optics, referring to the rotary table blasting system KA 6/6 just as enterprises in the engineering, tool and mold making, dental technology, glass- and ceramic industries as well as in the watch manufacturing.

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