

SIGG Strahltechnik

Rotary table blasting system KA 6/3



Blasting
work pieces efficiently



Best blasting technology on satellite plates

The rotary table blasting system KA 6/3 by SIGG Strahltechnik is the right choice for processing large quantities of identical work pieces. This innovative system was designed for automated blasting at a constantly high level of quality. The key element 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. Systems for the processing of larger work pieces are additionally supported by a lifting movement, in order to achieve a beautiful, smooth surface throughout the work piece. As standard, the three blasting guns of the rotary table system KA 6/3 are equipped with ceramic nozzles. Hard metal nozzles made of Borcarbide are also available.

Quick conversion

The mounting cases, specifically produced for the processing of the work pieces, are attached to the satellite plates and can easily be exchanged. A conversion to other work pieces is consequently efficient and speeds up the work process. 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 on +49 (0) 7741 808 93 0.

Oberflächen
für Industrie
und Technik

SIGG
STRAHLTECHNIK GMBH

Technical Data

Rotary table blasting system KA 6/3



Outer dimensions	Width: 740 mm + 350 mm for satellite drive Depth: 1000 mm + 300 mm for control cabinet Height: 2100 mm
Weight	ca. 550 kg
Equipment	6 satellites, 3 blasting guns
Power connection	3x 400 V AC / 16A / 50Hz / 0,1 kW
Air connection	3/4" G
Air requirement	6 mm nozzle: ca. 300 liter/min at 5 bar 8 mm nozzle: ca. 500 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 6/3, work pieces, which can reach up to 120 mm in diameter and up to 350 mm in height, are mounted onto the satellite plate and blasted automatically. Afterwards they are cleaned in a separate chamber and shifted back to the mounting position where they can be removed. The lateral wing doors permit an easy access to the blasting guns. 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 6/3 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 6/3 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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