

# SIGG Strahltechnik

## Rotary table blasting system KA 8/4



Efficient blasting  
work pieces



KA 8/4

### Rotating indexing tables and satellite plates

Whoever wishes to blast the surface of numerous parts of identical size does not want to forego efficient treatment. Here the rotary table blasting system KA 8/4 by SIGG Strahltechnik recommends itself. The all-rounder blasts automatically at a constantly high level of quality. The fundamental feature of rotary table blasting systems is the rotating indexing table with the eight 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 4 blasting guns of the rotary table system KA 8/4 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

**SIGG**  
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# Technical Data

## Rotary table blasting system KA 8/4



<b>Outer dimensions</b>	Width: 1000 mm + 1000 mm for control panel and satellite drive Depth: 1520 mm + 200 mm for air vent Height: 2450 mm (with lifting device 3000 mm)
<b>Weight</b>	ca. 900 kg
<b>Equipment</b>	8 satellites, 4 blasting guns
<b>Power connection</b>	220 V / 380 V / 50 Hz / 0,5 kW
<b>Air connection</b>	3/4" G
<b>Air requirement</b>	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 8/4 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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