

sandblasting  
conveying  
dustextraction



## sandblasting containers

sandblasting containers allow flexible blasting in closed rooms at any location where it is required.

A closed sandblasting grit circulation using an integrated flat conveyor or screw conveyor floor, or via side-mounted recirculation channels, with optimal preparation of each blasting grit, ensures effective exploitation of the grit.



We are the  
better solution



## “Measuring up to your needs”

Our long years of experience in the construction of blasting rooms becomes part of every new project.

The requirements of blasting containers are individually implemented for every application. This is why it is essential that we measure up: to your demands, to the local conditions – because the solution we create for you must be sustainable over the long term for every situation. The modern basic concept of the plants and the variety of technical variants ensure that your goals can be realised.

## ■ sandblasting containers

- Compact design, space-saving arrangement of all ancillary components
- Use of flexible transport systems for workpiece transportation
- Powerful blasting grit transport with efficient preparation
- Noise-reducing, dust-preventing housings
- Environmentally friendly dust extraction and filter technology
- Low-wear, long-life components

Our blasting containers are flexibly made to your desires. Thus, your requirements, such as technical conditions and local particularities, can be taken account of to the greatest possible extent. Container size is defined by workpiece dimensions and offers the blaster enough free space to work. Of decisive importance for the concept are, alongside the pure dimensions, the definition of the blasting grit preparation, ventilation-related aspects and peripheral operational and safety aspects (number of doors, access doors, lighting, wall coverings).

## Sandblasting system

Depending on the container size and required area output, one or more free jet pressure blowers can be used.

The blasting nozzles of our tried and tested free jet pressure blowers are manually guided.

Our free jet pressure blowers can be fitted with an automatic refilling system to ensure continuous operation without interruption for the blaster.



Compact plant technology on the rear side of the container or built in.



## Construction options

In designing the sandblasting room floors, we have been able to take into account numerous different requirements.

The leeway offered in design runs from simple sweeping pits through partially evacuated sections to tried and tested high-performance flat conveyor or screw conveyor floors with grille covers for various different loads.

Here, the installation of rails is also possible, offering the following additional advantages:

- Low-noise operation
- Long service life
- Great conveying capacity

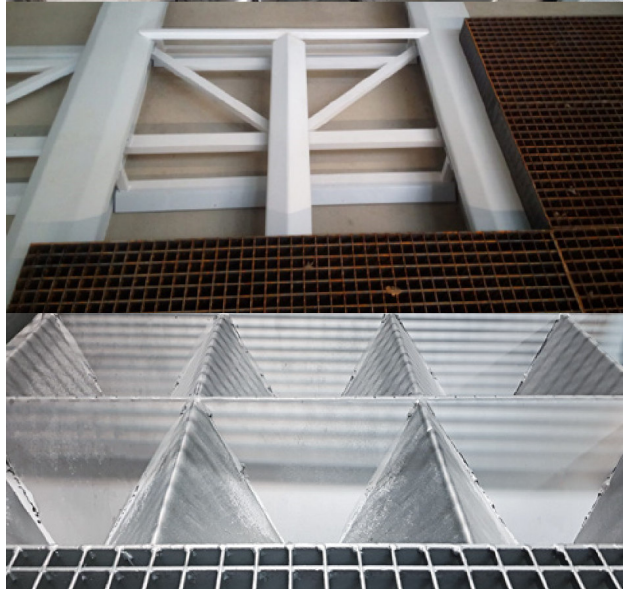
## Sandblasting grit recirculation

To keep construction heights as low as possible, space-saving flat conveyor systems are used. Transverse screw conveyors transport the blasting grit, together with powerful bucket conveyors, to processing.

The flat conveyor or screw conveyor floors we have developed stand out through their high value for money and low maintenance costs.



Quality pays. Containers with side recirculation channels have been in operation for 17 years.



Screw conveyor  
Flat conveyor floor  
Suction / honeycomb floor





## Sandblasting grit processing

High quality requirements for blasted surfaces and the deployment of reusable, recirculated sandblasting grit make it necessary to separate out contamination (rust, scale, old paint layers) and worn blasting medium. To this end, we offer various separation systems, depending on the application.

- Pneumatic separation, cascade wind sifter and vibrating sieves offer defined quality and guarantee the reusability of the treated sandblasting grit.
- Using powerful magnetic separation systems, non-ferrous metals and high-alloy steel can also be processed to account the highest quality grades.

## Dust extraction system

The blasting result is critically defined by having the best possible dust extraction. That is why we place great value on suitably sized ventilation systems which are designed for the best possible airflow.

To clean the dust-laden air, powerful dust extraction systems in graduated series are used. Automatic cleaning with pressurised air counter-flow ensures continuous operation and constant air quality. Thanks to low residual dust values, systems can be operated in partial ventilation mode, also allowing the plant to save energy during operation.

Thanks to our high production quality, you will receive a blasting system with strong value retention when resold, even after many years.

Flat conveyor floors, screw conveyor, bucket conveyor, wind sifter, bunker, blasting grit refilling, free jet pressure blower



# Individual and flexible equipment options:

## Series as

- 10' container
- 20' container
- 40' container
- 20' high cube container
- 40' high cube container
- 20' high cube side door open container (for side forklift loading)
- 20' full side access container
- Technical rooms interior and exterior
- Special construction to customer specification

## sandblasting agent recirculation

- without (just sandblasting device and filter)
- Sweeping pit and bucket conveyor
- Flat conveyor floor with bucket conveyor, full area or central lane sandblasting grit recirculation
- Container floor with screw conveyor as cheap alternative to flat conveyor floor
- Recirculation hopper with cyclone separator
- Side recirculation channels with cyclone separators
- Extraction floor, full area, with cyclone separator

## Accessories (optional)

- Magnetic drawer (stainless steel glass bead blasting)
- Magnetic roller (stainless steel glass bead blasting)
- sandblasting cart
- sandblasting cart on rails
- Rotary table for sandblasting cart
- Crane track, interior
- Crane track, exterior
- Roof slit for factory crane
- electro-pneumatic roof flap for factory crane
- Blasting window for small-scale works from the exterior

## Special construction

- Sandblasting grit recirculation, cyclone separator and free pressure blasting vessel in stainless steel (for high-quality stainless steel surfaces)



Interior furnishings with special accessories



Sandblasting grit recirculation by cyclone separator for a full-area suction floor or side suction channels



# Benefit from our experience

## Pressure sandblasting

- Container sandblasting systems
- Sandblasting rooms
- Pressure sandblasting automations machines
- Pressure sandblasting cabins

## Injector sandblasting

- Injector sandblasting machines
- Injector sandblasting automations cabins

## Blower wheel turbine Shot blasting machines

- Tunnel shot blasting flow-through systems
- Hook Type shot blasting systems
- Troughed belt tumblast shot blasting systems
- Steel belt shot blasting systems
- Rotary table shot blasting systems
- Roller conveyor flow-through systems
- Wire mesh flow-through shot blasting systems
- Pipe and gas bottles – flow-through shot blasting systems

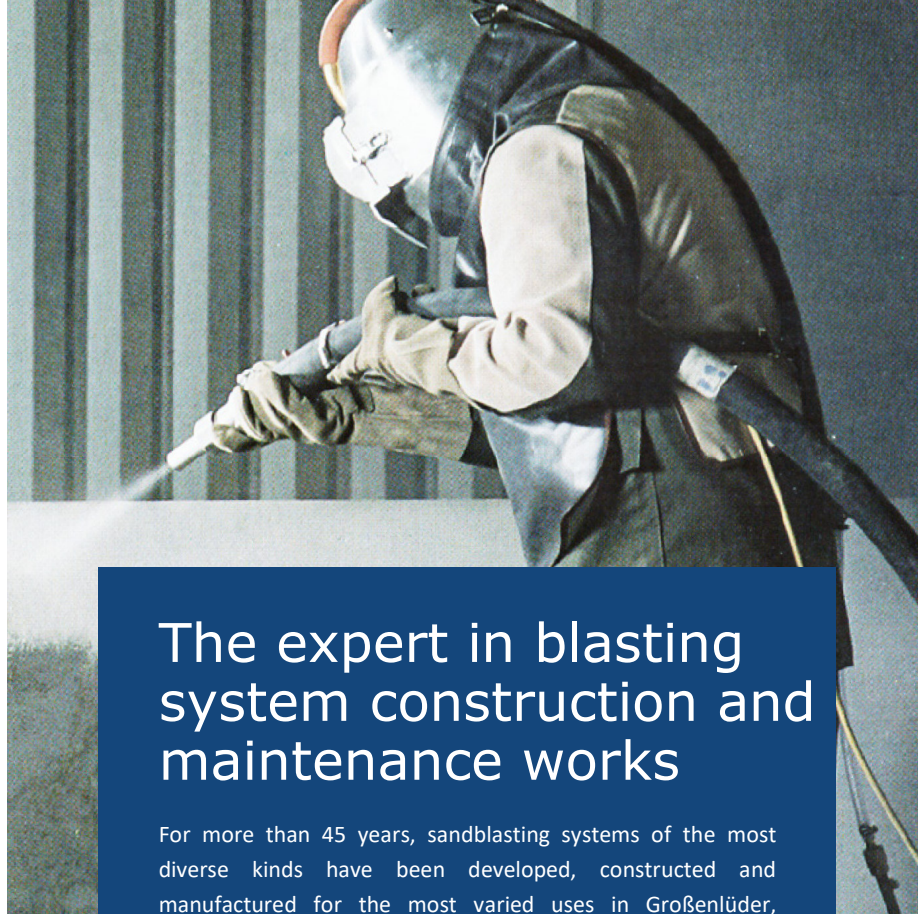


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## The expert in blasting system construction and maintenance works

For more than 45 years, sandblasting systems of the most diverse kinds have been developed, constructed and manufactured for the most varied uses in Großenlüder, including sandblasting rooms, containers and cabins for injector sandblasting or pressurised air sandblasting.

The experience gained in this period is reflected in our standard products and special constructions. The core of our business is always the high-quality implementation of our customers' requirements.

I, as a associat and managing director, began developing everything to do with sandblasting during my apprenticeship at the Großenlüder location and later in other companies.

That is why I took over the Großenlüder company and wish to continue its work in the tradition of uniting customer demands and their high-quality implementation.

Yours, **Oliver Fritz**



**Oliver Fritz**  
Managing Direktor

**Jennifer Sickels**  
Management