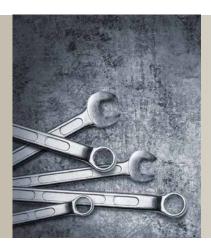
## SIGG Strahltechnik

# Injector blasting system TR 110, TR 110 EA, TR 140



Blasting large and long work pieces efficiently



### Long, large, in no time

The injector blasting systems TR 110, TR 110 EA and TR 140 by SIGG Strahltechnik, offer best working conditions for blasting large as well as long work pieces. This is ensured by two openings (250 mm x 250 mm) situated at the side panels. The TR 110 and TR 140 models are crane-accessible and provide weight balance by means of pneumatic springs. The clearly visible viewing window (440 x 290 mm) in every model is double-glazed towards the blasting chamber and furthermore equipped with a safety glass for the specific protection of the operator. The device is operated via footswitch and easily accessible elastic hand holes. All electrical equipment required is installed in a control cabinet. Ceramic nozzles are standard in these models. Hard metal nozzles made of Borcarbid are also available. The blasting guns can be either operated manually or attached to a nozzle holder. Optionally, these models are available with a manual turntable, an automatic rotating cage aggregate as well as height-adjustable, allowing a particularly ergonomic workflow. Additionally, a blasting abrasive heater can be integrated.

### **Dust filters deposit crushed material**

During manual blasting commercial blasting abrasive is applied by means of setting dosage and flow at the dispensers. The closed circuit ensures the reutilization of unused blasting abrasive. Crushed material and fine dust are sucked up and deposited in the specifically provided pocket filter or cartridge filter, which is set up separately and connected with the blasting cabinet by means of a flexible hose. Using a pocket filter, the filtered dust is tapped off easily by an external crank and collected in a dust drawer. The more powerful cartridge filter works automatically.

#### Your benefits:

- Space saving
- Lateral openings for long work pieces
- Weight balance through pneumatic springs
- Height-adjustable for ergonomic workflow
- Separate dust collector
- Clearly visible viewing window
- Easy handling
- · Efficient injector blasting method
- All commercial blasting abrasives applicable
- Resource-efficient due to the blasting abrasive's closed circuit
- · Cross-industry application

Oberflächen für Industrie und Technik



## **Technical Data**

# Injector blasting system TR 110, TR 110 EA, TR 140

### Injector TR 110



Outer dimensions	Width: 1100 mm + 350 mm for control cabinet and arms of door  Depth: 900 mm + 130 mm for air vent  Height: 1750 mm
Inner dimensions	Width: 1080 mm  Depth: 800 mm  Height: 700 mm
Weight	ca. 170 kg

### Injector TR 110 EA



Outer dimensions	Width: 1100 mm + 650 mm with wing door open
	Depth: 900 mm + 130 mm for air vent
	Height: 1750 mm
Inner dimensions	Width: 1080 mm
	Depth: 800 mm
	Height: 700 mm
Weight	ca. 150 kg

### Injector TR 140



The following technical data is the same for all machine types.

Outer dimensions	Width: 1400 mm + 350 mm for control cabinet and arms of door
	Depth: 900 mm + 130 mm for air vent
	Height: 1750 mm
Inner dimensions	Width: 1380 mm
	Depth: 800 mm
	Height: 650 mm
Weight	ca. 200 kg
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Perforated metal floor	Capacity 340 kg
Power connectiom	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
	10 mm nozzle: ca. 800 liter/min at 5 bar

### **Applications**

The TR IIO, TR IIO EA and the TR I4O models with their powerful blasting guns are suitable for the surface treatment of large and/or long work pieces and are 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 TR IIO, TR IIO EA and the TR I4O model just as enterprises in the engineering, tool and mold making, dental technology, glass- and ceramic industries as well as in the watch manufacturing. Craftsmen and restorers appreciate the advantages of this powerful injector blasting system just the same.

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