

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 Borcarbide 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**

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
STRAHLTECHNIK GMBH

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



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

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

Perforated metal floor	Capacity 340 kg
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 10 mm nozzle: ca. 800 liter/min at 5 bar

Applications

The TR 110, TR 110 EA and the TR 140 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 110, TR 110 EA and the TR 140 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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