



Space saving system
for smaller work pieces

TR 70
height adjustable



Easy handling due to vertical folding front door

The injector blasting systems TR 70, TR 70 EA and TR 80 by SIGG Strahltechnik, offer best working conditions to blast your work pieces. In these models pneumatic springs balance the weight in the top position of the blasting chamber. The clearly visible viewing window (440 x 290 mm) is double-glazed towards the blasting chamber and furthermore equipped with a safety glass for the specific protection of the operator. The TR 70 and the TR 80 models allow a particularly ergonomic workflow due to a folding front door with two handles. The side door of the TR 70 EA enables lateral access to the blasting chamber.

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 the TR 70. Hard metal nozzles made of Borcarbide are also available. The blasting guns can be either operated manually or attached to a nozzle holder. These models are suitable for small to medium size work pieces. 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.

Manually blasted with commercial blasting abrasives

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 (S15) 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**
- **Weight balance through pneumatic springs in top position**
- **Separate dust collector**
- **Clearly visible viewing window**
- **Easy handling**
- **Suitable for smaller and medium size work pieces**
- **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

SIGG
STRAHLTECHNIK GMBH

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.

Technical Data

Injector blasting systems TR 70, TR 70 EA, TR 80

Injector TR 70



Outer dimensions	Width: 700 mm + 350 mm for control cabinet
	Depth: 750 mm + 130 mm for air vent
	Height: 1730 mm (2250 mm open)
Inner dimensions	Width: 680 mm
	Depth: 700 mm
	Height: 620 mm
Weight	ca. 100 kg

Injector TR 70 EA



Outer dimensions	Width: 700 mm + 450 mm with wing door open
	Depth: 600 mm + 130 mm for air vent
	Height: 1600 mm
Inner dimensions	Width: 680 mm
	Depth: 450 mm
	Height: 450 mm
Weight	ca. 100 kg

Injector TR 80



Outer dimensions	Width: 800 mm + 350 mm for control cabinet
	Depth: 900 mm + 130 mm for air vent
	Height: 1730 mm (2250 mm open)
Inner dimensions	Width: 780 mm
	Depth: 800 mm
	Height: 620 mm
Weight	ca. 140 kg

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

Perforated metal floor	Capacity: 100 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 70, TR 70 EA and the TR 80 models with their powerful blasting gun are suitable for the surface treatment of smaller and medium size 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 these models 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 this powerful injector blasting system just the same.

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