

SIGG Strahltechnik

Tumblast systems MBK 500, MBK 800, MBK 1000



Beautiful surfaces
for loose bulk material



MBK 500

Up to five blasting guns

Tumblast system cabinets by SIGG Strahltechnik are suited for the surface treatment of small, loose bulk material and the result is highly convincing. The machine line program of these models is available in sizes from 500 to 1200 mm as standard and extremely versatile in application. At a width of 800 mm, a pneumatic pendulum device is installed. The tumblast system cabinets MBK 500 and MBK 800 are equipped with five integral blasting guns for the entire width of the belt. The charging of the cabinet is particularly convenient: It is carried out through an automatic door.

Gentle process with optimal results

During the surface treatment with tumblast systems, the bulk material, which is to be blasted evenly and from all sides, is carefully circulated. This is ensured by the special belt hopper made of frictionless rubber. It receives the small work pieces and keeps them constantly rolling through gentle movement. These system types are suitable for most diverse objects: From the smallest, delicate plastic parts to smaller forgings or castings up to 100m. Troughed belt conveyors in different versions are at disposal for this purpose. In order to automate this process, a tumblast system with automatic charging can be chosen.

Your benefits:

- **Processing of loosely fitted bulk material**
- **Efficient functioning**
- **Most diverse surface treatment**
- **Automatic door**
- **Diverse belt hoppers**
- **Automatic charging possible**

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

Tumblast systems MBK 500, MBK 800, MBK 1000

MBK 500



Outer dimensions	Width: 1100 mm
	Depth: 1050 mm
	Height: 2100 mm
Capacity	ca. 20 liter

MBK 800



Outer dimensions	Width: 1500 mm
	Depth: 1050 mm
	Height: 2100 mm
Capacity	ca. 30 liter
Weight	ca. 600 kg

MBK 1000



Outer dimensions	Width: 1600 mm
	Depth: 1300 mm
	Height: 2100 mm + 350 mm for control cabinet
Capacity	ca. 80 liter
Weight	ca. 800 kg

Power connection	0,5 kW
Air requirement	8 mm nozzle: ca. 500 liter/min at 5 bar
	10 mm nozzle: ca. 800 liter/min at 5 bar

Diversity with blasting abrasives

In the tumblast system with injector principle, an upstream air nozzle generates a high flow velocity. The resulting vacuum (suction) within the blast head mixing chamber, sucks the blasting abrasive through the mixing chamber of the injector blast head, transfers it through the immediately downstream blasting nozzle and blasts it onto the surface. Through the enormously high speed, the blasting material hereby unfolds an abrasive effect.

All commercial blasting abrasives can be applied, which, depending on their type and consistency, create diverse surface properties. In the tumblast systems your work pieces can accordingly be:

- cleaned
- de-scaled
- roughened
- matted
- de-burred
- refined
- calendered
- lapped

Contact:

Sigg Strahltechnik GmbH
Wiggenbergstr. 7
79787 Lauchringen

Tel: +49 (0) 7741 808 93 0
Fax: +49 (0) 7741 808 93 20
E-Mail: info@sigg-strahltechnik.de
www.sigg-strahltechnik.de

Oberflächen
für Industrie
und Technik

SIGG
STRAHLTECHNIK GMBH