

Dedusting project

Central dedusting of workplaces

About 20 training workplaces for stonecutters are dedusted by a central filter. The total volume flow amounts to 360 m³/min and is cleaned by an INFA-LAMELLEN-JET, type AJL 3/1083, with 324 m² filter area.

The dust discharge of the three chamber filter is carried out by a shared hopper with a screw conveyor and rotary valve. If later on lacquer and solvents should be used, the filter is designed pressure shock resistant (up to 0.4 bar g) and equipped with rupture discs.

Technical data

Filter type		AJL 3/1083 dsf
Volume flow	[m ³ /h]	21,600
Filter area	[m ²]	324
Filter material		Polyester fleece PV-11
Pressure shock resistance	[bar g]	0.4 - with rupture discs

