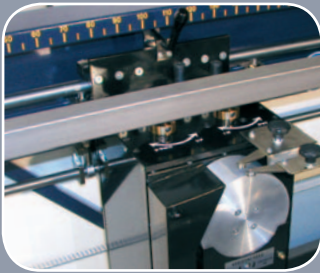


Brusky těrek SSG
SSG AUTO

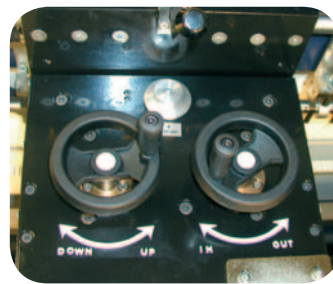


SSG semi-automatic and automatic
Squeegee Grinder



SSG

Squeegee Grinder



SSG Semi-Automatic Squeegee Grinder



The SSG semi-automatic squeegee grinder has been designed for precision grinding of hand and machine-operated squeegee blades up to 2500 mm in length. Using the SVECIA circular grinding belt, the grinder produces sharp but perfectly smooth edges, especially in the case of polyurethane elastomer blades. Because the contact point between the blade and the belt is subjected to the powerful cooling effect of the solid aluminium pulleys, the routine hazard of clogging is averted.

The grinding machine consists of a free-standing, open steel cabinet with two end panels which support the guide rails. The cabinet is also designed for heavy-duty wall-mounting. Accurate grinding is achieved specifically by the precise adjustment of the grinding head as it is moved along the blade and by fine-tuning the belt engagement, using the micrometer screw.

The grinding head is composed of two aluminium pulleys and a grinding belt. It moves to and fro along the guide rails under manual control. The height of the grinding head is adjusted by a micrometer gauge, calibrated to an accuracy of 0.05 mm. The position and opera-

ting tension of the grinding belt is adjusted by an eccentric pulley and secured with a special nut. The angle of the belt is controlled by the tilt of the pulley which can be adjusted by the frontal screw. The belt is easily changed and its capacity to abrade is graded from 120–400.

The squeegee is mounted onto a 30 × 40 mm holder which can be rotated on its axis and moved back and forth to grind the angle and arrow-edged blades. Using a linear and angular scale, the holder is adjusted by two screws.

SSG AUTO Automatic Squeegee Grinder

The automatic squeegee grinder has been designed for precision grinding of machine operated squeegee blades up to 4000 mm. Like the semi-automatic model, the AUTO grinder uses the SVECIA circular grinding belt which produces sharp but perfectly smooth edges, especially in the case of polyurethane elastomer blades. The grinder's solid frame ensures the stability and operating accuracy necessary when grinding squeegees in excess of 3m. and even more particularly when grinding parabola-shaped edges. The lever on the left hand side of the machine is used to adjust the size of the arch.

The grinding head is composed of aluminium pulleys and a grinding belt. The initial grinding position of the head is secured with screw mechanism.

The squeegee is mounted on a 30 × 40 mm holder which can be adjusted for angle and arrow-edged blades. This setting is secured with screws on each side of the grinder. Automatic grinding is controlled by PLC. When the squeegee is fixed in position and the grinding head is adjusted, the grinding parameters can be set on the operating panel. This may include grinding bite and number of slides during the grinding cycle. As an optional extra, the grinder can be equipped with a suction unit adapted for waste disposal.

Technical specification	SSG 1350	SSG 1700	SSG AUTO
Max. squeegee size	1350 mm	1700 mm	up to 4000 mm
Grinding belt speed	12 m/s	12 m/s	12 m/s
Operating voltage	3 N PE 400V, 50Hz	3 N PE 400V, 50Hz	3 N PE 400V, 50Hz
Input	180 W	180 W	0,9 kW
Main electrical connection	3×16A, overload switch 16 C	3×16A, overload switch 16 C	3×16A, overload switch 16 C
Weight	111 kg	119 kg	350 kg + (according to the size)
Dimensions (length × width × height)	1880 × 440 × 640 mm	2220 × 440 × 640 mm	grinding length + 670 × 660 × 1400

The highest technical and quality control standards are applied to SSG production under the supervision of Quality Management System ISO 9001:2000. All incorporated components are world-renowned. Grinders have been awarded CE certification and are supplied complete with full technical documentation. SSG machines are guaranteed for 12 months.