



YOUR PARTNER WORLDWIDE



SM Series

Stationary grinding and lapping machines for machining sealing faces in gate valves, valves, safety valves, non-return valves, wedges, etc.

The machinery in the SM series is impressive because of its modular design, which allows customer requirements to be adapted in the best possible way.

- Main components:
- Robust pedestal with machine table
 - Swivelling column with clamping facility
 - Spindle head with motorised height adjustment
 - Swivelling control panel

Two machine tables are available for the SM-550:

The **tilt table** for machining gate valves, gate valve wedges etc.

The **eccentrically adjustable turntable** for machining safety valves.



SM-750



SM-550



The machine spindle of the SM-750 is equipped with an **adjustable eccentric**, which allows safety valves to be machined.

Eccentric and grinding movements are actuated separately.

The machine table is designed as a tilt table.



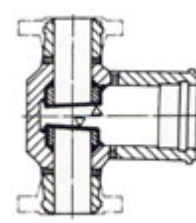
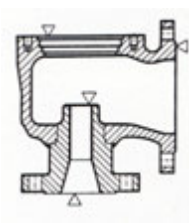
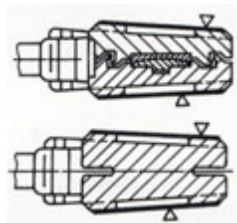
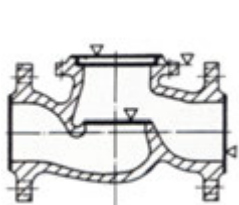
Technical Data

	SM-550	SM-750
Working range max. overall height of valves max. flange Ø of valves	830 mm (33") 800 mm (32")	1000 mm (40") 950 mm (38")
Spindle Speed Torque	max. 260 rpm 20 Nm	max. 255 rpm 98 Nm
Spindle eccentric * Speed Torque Eccentric adjustment		max. 237 rpm 177 Nm 0 – 20 mm
Spindle head Stroke Stroke speed		675 mm (26.6") 1000 mm/min (39.4"/min)
Tilt table Size Tilt angle Load	550x550 mm (21.7"x21.7") ± 12° max. 450 kg	750x750 mm (29.5"x29.5") ± 12° max. 2500 kg
Turntable Size Eccentric adjustment Load	Ø 550mm (21.7") 0 – 20mm (0.79") max. 450 kg	
Electrical connection Power consumption Voltage Frequency	max. 1.1 kW 230 V 50 / 60 Hz	
Dimensions ** (L x W x H)	1150 x 950 x 1950 mm 36" x 28" x 64"	1200 x 900 x 2650 mm 48" x 36" x 106"
Weight **	approx. 385 kg	approx. 1100 kg

* The SM-750 is also available without a spindle eccentric

** Data for machine with 1 machine table. The machines in the SM series are also available with 2 machine tables

Machining options on valves



Subject to technical change.

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