



TSV-150

TSV SERIES

Portable grinding and lapping machine with eccentricity for the machining of sealing surfaces/nozzles of in safety valves of DN 15-300 mm (½"-12").

In these machines the grinding movement is overlaid by an additional eccentric movement. This results in a cross-hatch finish and absolutely flat sealing surface.

Suitable for use on-site and in the workshop.

	TSV-150	TSV-300
DN range	15-150 (½"-6")	25-300 (1"-12")
Max. immersion depth	350 (14")	350 (14")
Clamping range of chuck	85-450 (3.4"-17.7")	85-450 (3.4"-17.7")
Max. spindle speed	330 rpm	170 (245*) rpm
Max. eccentric speed	520 rpm	555 (805*) rpm
Eccentricity	3 (0.12")	3 (0.12")
Drive	pneumatic 6-7 bar	230/120V, 50/60 Hz or pneumatic 6-7 bar*

Dimensions in mm (inch)



VSA-2

VSA SERIES

High-speed precision grinding machine for the machining of build-up welding, sealing surfaces, conical surfaces and bores in valves, cylinders, pump housings and flanges of DN 20-1500 mm (¾"-59").

Drive: pneumatic 6-7 bar

Type	Working range	Immersion depth
VSA-05	DN 20-150 (¾"-6")	250 (9.8")
VSA-1	DN 50-400 (2"-16")	650 (25.6")
VSA-2	DN 250-800 (10"-32")	1000 (39.4")
VSA-3	DN 500-1500 (20"-59")	1500 (59")

Dimensions in mm (inch). Other dimensions on request.

A bore grinding unit and a manhole grinding unit can be supplied as accessories.