

EFCO VSA-05

#21204

High-speed grinding machine for machining flat sealing surfaces and conical seats in valves and flanges

The machine is constructed utilizing clamping bolts and set screws. The machine is suitable for machining flat seats as well as conical seats employing fixed forming tools and corresponding abrasive sleeves with 30°(2x15°), 60°(2x30°), or 90°(2x45°). The design of the machine allows the replacement of the guide tube so that other lengths can also be used.

In general, the machine is equipped with 4 clamping arms so that work can be carried out even in difficult installation positions without any problems. We supply the machine with an extensive range of accessories, consumables and assembly tools in a plastic case.

Working range:	DN 20–150 mm (0.8"–5.9")
Immersion depth:	250 mm max. (9.8")
Clamping diameter:	Ø 110 mm–670 mm (4.3"–26.4")
Drive:	Compressed air motor (6–7 bar)
Infeed:	manual or automatic



Scope of supply

Basic machine

- 1 pc. Drive head
- 1 pc. Immersion tube for immersion depth (TT) 250 mm (9.8")
- 1 set Compressed air lines
- 1 pc. Maintenance unit for compressed air drive

Clamping system

- 1 pc. Center adjustment
- 4 pcs Clamping arms short
- 4 pcs Clamping arms long
- 1 set Clamping bolts
- 4 pcs Clamping feet
- 4 pcs Clamping bolts extensions, length = 50 mm (1.9")
- 8 pcs washers

Mounting tools and measuring accessories

- 1 set Mounting tools and accessories
- 1 pc. Dial gauge rods
- 2 pcs Dial gauges
- 2 pcs Probe extensions length = 20 mm (0.8")
- 1 pc. Probe extensions length = 10 mm (0.4")

Grinding equipment

- 1 pc. Grinding motor with eccentric holder 1
[Ø 20 mm–70 mm (0.8"–2.8")]
- 1 pc. Grinding motor with eccentric holder 2
[Ø50 mm–150 mm (1.9"–5.9")]

Grinding tools for face grinding [holder Ø 10 mm (0.4")]

- 8 pcs Cup wheels in white corundum (EK), grain size 60 and 120
- 8 pcs Cup wheels in silicon carbide (SiC), grain size 60 and 120
- 1 set Cup wheel attachments
- 1 pc. Protective sleeve
- 1 pc. Cup wheels Ø 25 mm (1"), CBN-coated B252
- 1 pc. Cup wheels Ø 50 mm (2"), CBN-coated B252
- 1 set Accessories
- 1 pc. Aluminium cup wheel Ø 50 mm (2")
for attaching self-adhesive grinding rings
- 100 pcs Grinding film rings Ø 50 mm (2"), grain size 80
- 50 pcs Grinding film rings Ø 50 mm (2"), grain size 280

Tools and grinding materials for conical seats with 30°, 60° und 90°

- 3 pcs Grinding cones types I (2 x 45°), IV (2 x 30°) and VII (2 x 15°)
- 10 pcs Grinding sleeves type I, grain size 40
- 10 pcs Grinding sleeves type I, grain size 100
- 5 pcs Grinding sleeves type I, grain size 280
- 5 pcs Grinding sleeves type I, grain size 400
- 5 pcs Grinding sleeves type IV, grain size 40
- 5 pcs Grinding sleeves type IV, grain size 100
- 2 pcs Grinding sleeves type IV, grain size 280
- 2 pcs Grinding sleeves type IV, grain size 400

5 pcs	Grinding sleeves type VII, grain size 40
5 pcs	Grinding sleeves type VII, grain size 100
2 pcs	Grinding sleeves type VII, grain size 280
2 pcs	Grinding sleeves type VII, grain size 400

1 set	Assorted spare parts
1 pc.	Transport case
1 set	Instruction manuals



Options

Alternative Drive head

#29384

1 pc.	Drive head no. 2 (with reduced feed speed)
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Chain clamping system

#29435

1 pc.	Chain clamping system complete
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