

SAV 434.80

PRECISION CYLINDRICAL GRINDING UNIT

Complete with tailstock, adjustable using the sinusoidal principle



APPLICATION

The cylindrical grinding unit was developed specially for use in tool-making, die making and mould making. Due to its convenient size, the device can be used any time without setup work.

Its universal suitability makes it possible to machine parts which cannot be manufactured on cylindrical grinding machines or only with great effort.

DESIGN

The base plate and all wear parts are hardened.

Protection rating of bearing and motor: IP 54.

With spindle versions:

- Schaublin 470 E (Sch): Feedthrough 23.5 mm
- SK 30 (SK 30)
- Deckel 355 E (D): Feedthrough 20.0 mm

Tailstock adjustable on base plate, with spring-loaded lathe centre.

Control unit SAV 875.40 included in the delivery. 24 V electric motor, continuously adjustable from 0 – 333 rpm. Clockwise/anti-clockwise rotation.

With dividing unit 12 x 30° using indexing bolt, other divisions on request. Sine swivel range from 0 – 45°.

ACCESSORIES

- Permanent magnetic circular chuck:
 - D = 100 mm, with flange. SAV 244.03 - 100 - taper
- Three-jaw chuck:
 - D = 80 mm, with flange. SAV 439.62 - 80 - taper
- Four-jaw chuck:
 - D = 80 mm, with flange. SAV 439.63 - 80 - taper
- Flat disc:
 - D = 90 mm, with threads M8. SAV 439.64 - 90 - taper
- Collet chuck Schaublin no. 470 E:
 - D = 2.0 to 3.0 mm, 0.5 mm step
 - D = 4.0 to 20.0 mm, 1.0 mm step
 - or complete set from 3.0 to 18.0 mm (set)
 - SAV 439.67 - 470 E - set
- Lathe centre:
 - 60° point angle with catch, spindle side with flange SAV 439.71 - taper
- Collet chuck Deckel no. 355 E:
 - D = 0.5 – 18.0 mm or complete set from 3.0 – 18.0 mm (set)
 - SAV 439.66 - 355 E - set

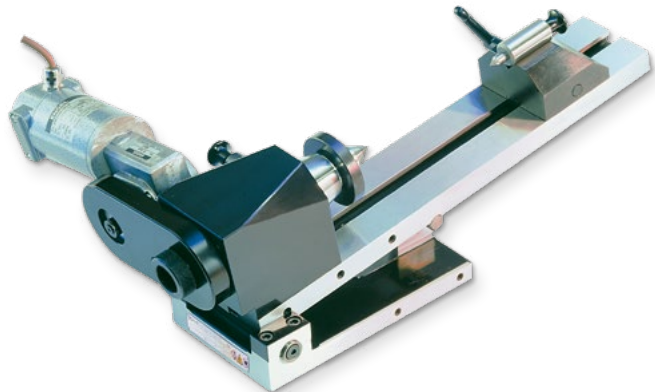


Image shows version with lathe centre on spindle side (accessories)



Control unit SAV 875.40
W x H x L = 170 x 140 x 230

Footprint	in mm	200 x 120	
Height, horizontal	in mm	140	
Swivelling range	in °	0 - 90	
Adjustm. with gauge blocks	in °	up to 45	
Tip width	in mm	200	
Tip height	in mm	50	
Speed	rpm	0 - 333	
Spindle concentricity	in mm	0.003	
Weight	in kg	15.5	
Weight of control	in kg	4.8	

ORDERING EXAMPLE

Designation	SAV no. - taper
Precision cylindrical grinding unit	SAV 434.80 - SK 30