



### Main features

- For 2-cut - 3-cut - 4-cut carbide or HSS end mills for finishing (by replacing the grinding wheel with the optional CBN one).
- End mills from diam. 4 to 13 mm and from diam. 12 to 25 mm
- Supplied SDC\* (synthetic diamond) grinding wheel for carbide end mills
- Option to install CBN (cubic boron nitride) grinding wheel for HSS end mills (optional)
- Excellent quality sharpening, accuracy +/- 0.02 mm
- Sharpening adjustment: brighten cutting edge or sharpen
- Quick and easy to use
- Grinding wheel position adjustment to resume wear
- Power supply 230 volts 50 Hz, CE regulation and quick start guide

Technical Data	Sharpening machine model	
	AFR4-13	AFR12-25
End mill diameter	4 – 13 mm	12 – 25 mm
Number of cutting edges	2 – 3 – 4	2 – 3 – 4
Grinding wheel provided	No. 2 in SDC (synthetic diamond) for carbide end mills one for diam. 4 to 6 mm and one for diam. 7 to 13 mm	No. 1 in SDC (synthetic diamond) for carbide end mills diam. 12 to 25 mm
RPM grinding wheel	6000	4300
Engine	450 Watts	1000 Watts
Power supply	230 Volts	230 Volts
Dimensions	320 x 260 x 300 mm	365 x 293 x 345 mm
Weight	17 kg	31 kg
Equipment	Set of 10 ER20 spring collets, three chucks. (for end mills with 2 3 4 cutting edges), WBS grinding wheel for cutters with diam. 4 to 6 mm and WBS grinding wheel for end mills with diam. 7 to 13 mm	Set of 6 ER40 spring collets, three chucks (for end mills with 2 3 4 cutting edges), SDC grinding wheel for end mills with diam. 12 to 25 mm

### Available models

Item code	Description
AFR4-13	Sharpening machine for 2 3 4-cutter end mills from diam. 4 to 13 mm with two carbide SDC grinding wheels
AFR12-25	Sharpening machine for 2 3 4-cutter end mills from diam. 12 to 25 mm with CBN grinding wheel for HSS
CBN300	CBN300 grinding wheel diam. 80.2 x 10.3 mm bore diam. 12.6 mm for HSS end mills diam. 4 to 6 mm for AFR4-13 sharpener
CBN270	CBN270 grinding wheel diam. 80.2 x 10.3 mm bore diam. 12.6 mm for HSS end mills diam. 6 to 13 for AFR4-13 sharpener
SDC300	SDC300 grinding wheel diam. 80.2 x 10.3 mm bore diam. 12.6 mm for MD end mills diam. 4 to 6 mm for AFR4-13 sharpener
SDC270	SDC270 grinding wheel diam. 80.2 x 10.3 mm bore diam. 12.6 mm for MD end mills diam. 6 to 13 mm for AFR4-13 sharpener
CBN150	CBN150 grinding wheel diam. 104.3 x 12.3 mm bore diam. 15.8 mm for HSS end mills diam. 13 to 25 mm for AFR12-25 sharpener
SDC150	SDC150 grinding wheel diam. 104.3 x 12.3 mm bore diam. 15.8 mm for MD end mills diam. 13 to 25 mm for AFR12-25 sharpener

\* SDC (synthetic diamond) grinding wheels can also be used to sharpen HSS end mills but the grinding wheel life will be shorter than CBN grinding wheels