

Technical Specifications SO und SOE

SO

SOE



Grinding motor/spindle

▶ Power rating	0.25 kW (0.34 hp)	0.55 kW (0.75 hp)
▶ Motor speed	2800 rpm	2800 rpm
▶ Spindle speed	4500 rpm	4500 rpm

Tool holder

▶ Tool diameter with collets	0.5 to 18.0 mm ($\frac{1}{32}$ to $\frac{11}{16}$ in.)	0.5 to 18.0 mm ($\frac{1}{32}$ to $\frac{11}{16}$ in.)
▶ Tool diameter with special tool holder	16-18-20-25 mm ($\frac{5}{8}$ to 1 in.)	16-18-20-25 mm ($\frac{5}{8}$ to 1 in.)
▶ Taper collets	MT1, MT2, GA	MT1, MT2, GA
▶ Taper adapters	MT1, MT2, MT3	MT1, MT2, MT3

Tool holder settings

▶ Lateral adjustment	10.0 mm (0.4 in.)	10.0 mm (0.4 in.) both ways
▶ Longitudinal adjustment	40 mm (1.6 in.)	40 mm (1.6 in.)
▶ Maximum relief angle	45°	45°
▶ Fine adjustment of indexing head relativ to spindle	15 mm (0.6 in.)	15 mm (0.6 in.)
▶ Number of registers on index plate	12	12

Dimensions

▶ Length	510 mm (20 in.)	660 mm (27 in.)
▶ Width	565 mm (23 in.)	570 mm (23 in.)
▶ Height	290 mm (12 in.)	325 mm (13 in.)
▶ Height of machine pedestal	915 mm (36 in.)	865 mm (34 in.)

Weight

▶ Table model	32 kg (70 lb.)	65 kg (145 lb.)
▶ Pedestal model	67 kg (150 lb.)	125 kg (275 lb.)

Standard accessories

Wheel mount for cup grinding wheel
 Extractor nut for wheel mount
 100 x 50 x 20 mm cup grinding wheel for HSS tools
 Tool set (8 wrenches)

Paintwork, structure

▶ Machine	Pastel turquoise RAL 6034	Pastel turquoise RAL 6034
▶ Pedestal	Blue grey RAL 7031	Blue grey RAL 7031

Each machine is supplied with a detailed set of operating instructions and a spare parts list with instructions on removing and fitting

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