

SAM 022202**TSCHUDIN Type TS 45 A**

Group	CNC cylindrical grinder
Manufacturer	TSCHUDIN
Type	TS 45 A
Controller CNC	SIEMENS SINUMERIK 840 D



Centre height	100 mm
Distance between centres	430 mm
Max. grinding diameter	198 mm
Grinding length	400 mm
Max. work piece diameter	198 mm
Min. work-piece diameter	1 mm
Travels:	
Z axis	480 mm
X axis	340 mm
Workpiece weight on centres max.	100 kg
Grinding wheel:	
Diameter	500 mm
Width	80 mm
Peripheral speed	45 m/s
Work piece spindle head:	
speeds:	
stepless	
from	20 t/min
up to	1000 t/min
Holding taper:	5 CM
rotatable	+30 / 45 °
Tailstock:	
Taper in tailstock:	3 CM
Tailstock travel of barrel	20 mm
Oscillation speed	8000 mm/min
Air connect	6 bar
Voltage 50 Hz 3x	400 Volt
Grinding spindle motor	7.5 kW
Workpiece spindle motor	3 kW
Total power required	16 kVA
Machine's weight about	4500 kg
Overall dimensions machine:	
Length	3'700 mm
Width	3300 mm
Height	2500 mm

Various accessories:

Touch probe MARPOSS
 Measuring control
 Profile wheel truing attachment
 Lamp

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Status light
Oil mist extractor
Automatic Loader with Rail



