

SAM 022202**TSCHUDIN Type TS 45 A**

Group	CNC cylindrical grinder
Manufacturer	TSCHUDIN
Type	TS 45 A
Commander	SIEMENS SINUMERIK 840 D
Serial No.	591998
Year	1999



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 trueing attachment
 Lamp

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Status light
Oil mist extractor
Automatic Loader with Rail



