



Inventory number: 20752

CNC cylindrical grinder
TSCHUDIN HTG 22-342
Marposs E 14



Technical data

Centre height	100 mm
Distance between centres	450 mm
Workpiece weight on centres max.	80 kg
Grinding wheel:	
Diameter	500 mm
Width	80 mm
Bore	203.2 mm
Grinding wheel speeds:	
number (steps)	3
from	1150 rpm
up to	1550 rpm
Rotatable grinding spindle head (b-axis)	1 °
Work piece spindle head:	HTG 1100
speeds:	
stepless	
from	10 rpm
up to	300 rpm
rotatable	360 °
taper in spindle: MT	4

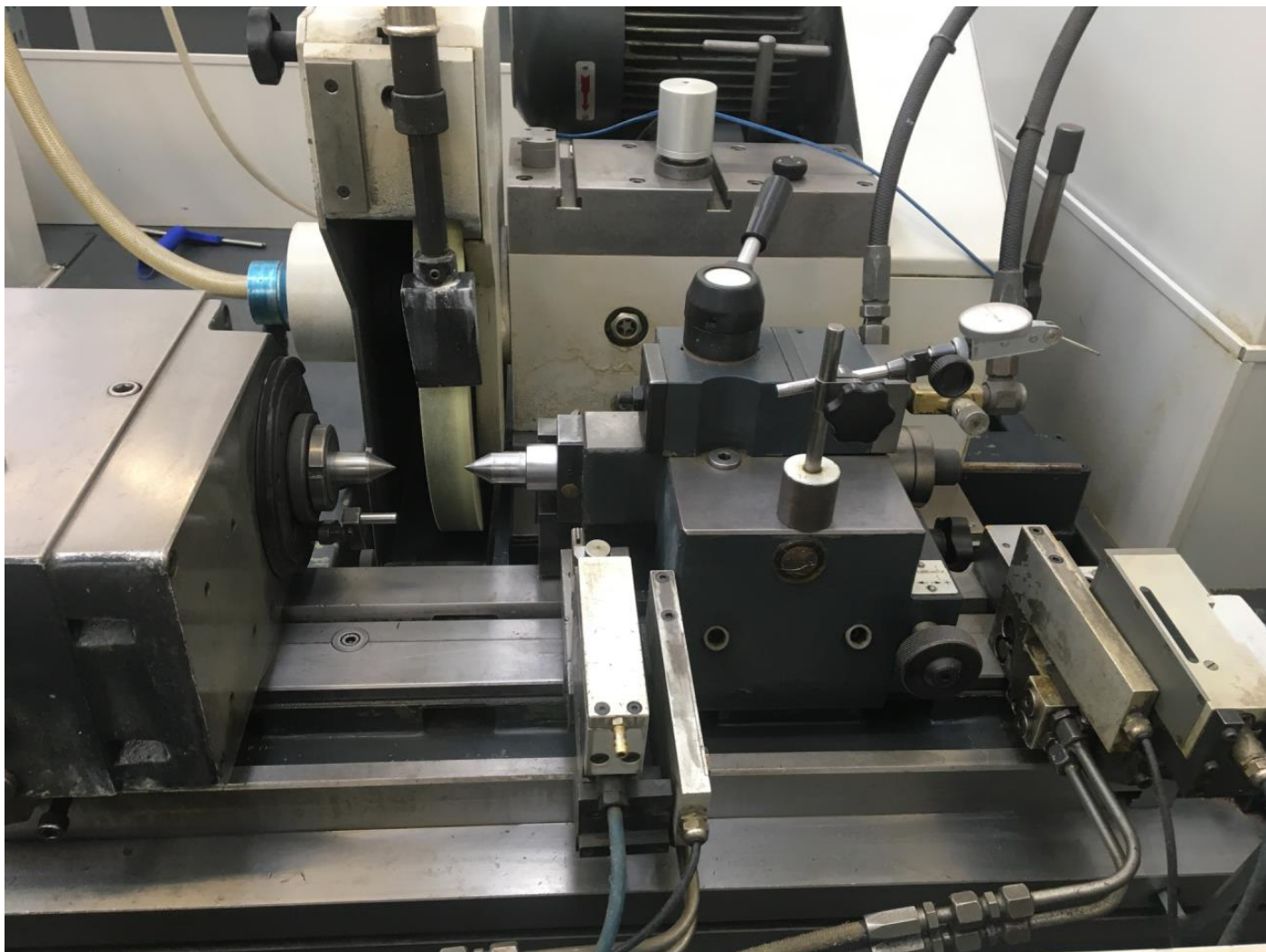
Taper in tailstock:	3 MT
Table speed:	
stepless	
from	0 m/min
up to	5 m/min
Max. table angular displacement	8 °
Voltage 50 Hz 3x	380 Volt
Grinding spindle motor	5.5 kW
Workpiece spindle motor	0.72 kW
Total power required	13 kW
Machine's weight about	4000 kg
Overall dimensions machine:	
Length	3500 mm
Width	2000 mm
Height	2300 mm
Various accessories:	
Coolant system	
Paper filter facility	
Measuring head MARPOSS	













TSCHUDIN GRENCHEN

HTG

22

CNC

E 14

Type:

342

No.

86 / 105

Hydraulic unit Hydraulik Aggregat Groupe hydraulique	Circulation Umlauf Circulation	MOBIL VACTRA NO. 2	
Guideways of wheelhead slide Querschlitten-Gleitbahnen Glissières de la coulisse transversale	Bath Bad Bain	MOBIL VACTRA NO. 2	
Guideways of table slide and of wheelhead slide Längsschlitten- und Querschlitten-Gleitbahnen Glissières des coulisses longitudinales et transversales	Central lubrication Zentralschmierung Graissage centralisé	MOBIL VACTRA NO. 2	
Tailstock barrel Reitstockpinole Fourreau de la contre-poupée	Bath Bad Bain	MOBIL VACTRA NO. 2	
Wheelhead spindle Schleifspindel Broche porte-meule	Circulation Umlauf Circulation	MOBIL VELOCITE NO. 6	BP ENERGOL HLP-D 10
Workhead spindle Werkstückspindel Broche porte-pièce	Bath Bad Bain	MOBIL VELOCITE NO. 6	BP ENERGOL HLP-D 10
Workhead spindle having Morse No. 5 taper Werkstückspindel mit Spindelkonus MK 5 Broche porte-pièce avec cône de broche CM 5	Greased-for-life Lebensdauer geschmiert Graissée à vie		
Guides of diamond in-feed slide Abrichtschlittenführung Guidage du coulisseau de diamantage	Bath Bad Bain	MOBIL VACTRA NO. 2	
Profile dressing unit with template Kopierabrichteinheit Unité de diamantage par copiage	Bath Bad Bain	MOBIL VACTRA NO. 2	

