

SAM 020883**TSCHUDIN Type HTG 622**

Group Cylindrical grinder
Manufacturer TSCHUDIN
Type HTG 622



Centre height	100 mm
Distance between centres	680 mm
Max. Longitudinal travel	620 mm
Max. transversal travel	45 mm
Grinding wheel:	
Diameter	500 mm
Width	80 mm
Bore	203 mm
grinding wheel width	80 mm
Grinding wheel speeds:	
number (steps)	3
from	1150 t/min
up to	1550 t/min
Angular displacement	3 °
Work piece spindle head:	
speeds:	
stepless	
from	65 t/min
up to	500 t/min
rotatable	360 °
Spindle taper	4 CM
Taper in tailstock:	3 CM
Spindle stroke	20 mm
Shearing force	4 - 15 kp
Table angular displacement	9 °
Table speed:	
stepless	
up to	5 m/min
Voltage 50 Hz 3x	380 Volt
External Grinding wheel motor	5.5 kW
Workhead spindle motor	0.7 CV
Total power required	10 CV
Machine's weight about	2'900 kg
Overall dimensions machine:	
Length	2300 mm
Width	1800 mm
Height	1900 mm

Various accessories:

Redressing device

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Coolant system
Paper filtration system
Tailstock



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TSCHUDIN GRENCHEN			
Type: HTG		No. 31154	
Hydraulic unit	Circulation	MOBIL	MACCORAT 68
Hydraulik Aggregat	Umlauf	VACTRA NO. 2	
Groupe hydraulique	Circulation		
Guideways of table slide and of wheelhead slide	Central lubrication	MOBIL	MACCORAT 68
Längsschitten- und Querschitten-Gleitbahnen	Zentralschmierung	VACTRA NO. 2	
Guideways of the coulisers longitudinal and transversales	Graissage centralisé		
Guideways of wheelhead slide	Bath	MOBIL	MACCORAT 68
Querschitten-Gleitbahnen	Bad	VACTRA NO. 2	
Guideways of the coulisers transversale	Bain		
Wahlstock (table)	Bath	MOBIL	MACCORAT 68
Wahlstockspindel	Bad	VACTRA NO. 2	
Fourneau de la contre-poupée	Bain		
Grinding spindles	Circulation	MOBIL	MACCORAT 68
Schleifspindel	Umlauf	VACTRA NO. 2	
Workhead spindle	Circulation	MOBIL	MACCORAT 68
Wahlstockspindel	Bath	VELCITE NO. 8	
Banche porte-poupée	Bad		
Workhead variator unit	Bain	MOBIL	ENERGOL HLP-D 10
Wahlstockspindelstock-Getriebe	Bad	VELCITE NO. 8	
Variable de vitesse de la poupée porte-poupée	Bain		
Spindle of variator in feed slide	Bath	SANTOTRAC 10 made byAlcamata	
Abschwenkstütze in Feed slide	Bad		
Spindle of variator in feed slide	Bain	MOBIL	MACCORAT 68
Profile reamer and Underreamer	Bad	VACTRA NO. 2	
Profilfräse und Unterfräse	Bain		
Spindle of the roller pressing unit	Bath	MOBIL	MACCORAT 68
Spindel de roulement par roulement	Bad	VACTRA NO. 2	
Spindle of diamond	Bain	MOBIL	MACCORAT 68
Spindel de diamantage par molette	Bad	VELCITE NO. 8	
	Bain		
	Bad	ENERGOL HP 8	