

# Universal grinder TSCHUDIN HTG 620



<b>State</b>	<b>REBUILT</b>
<b>Category</b>	Grinding machine
<b>Brand</b>	TSCHUDIN
<b>Model</b>	HTG 620
<b>Serial number</b>	85232
<b>Year of manufacture</b>	-
<b>Inventory number</b>	2250

## CHARACTERISTICS

**Machine completely revised, geometry redone**

### [VIDEO OF THE MACHINE](#)

Distance between points: 680 mm  
Point height: 100 mm

Workhead  
Spindle cone: CM4  
Spindle nose: M48x3  
Orientation: 360°  
Spindle speed: 50-500 rpm

tailstock  
Cone of the sleeve: CM3  
Sleeve travel: 20 mm

Grinding wheel headstock  
Wheel diameter: 350 mm  
Wheel width: max 50 mm  
Grinding wheel bore: 127 mm  
Motor power: 3 kW

Longitudinal slide  
Stroke: 620 mm  
Speed: 0-5 m/min  
time delay: 0-10 s  
table orientation +- 8°.

## COMPOSITION AND ACCESSORIES

High-precision workhead headstock  
Quick clamping device with lever  
Complete internal grinding system  
Retractable slide stop  
Comparator holder with comparator  
Flange with grinding wheel  
Magnetic plate Ø 155 mm  
Complete coolant system  
Machine lamp

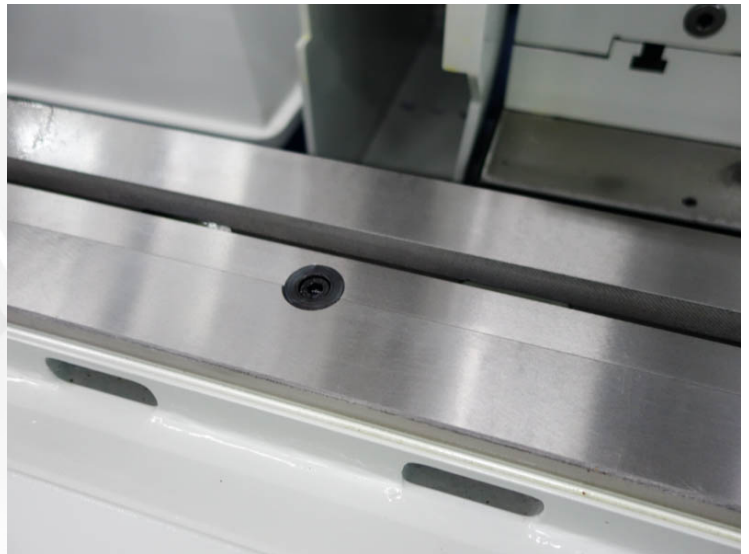
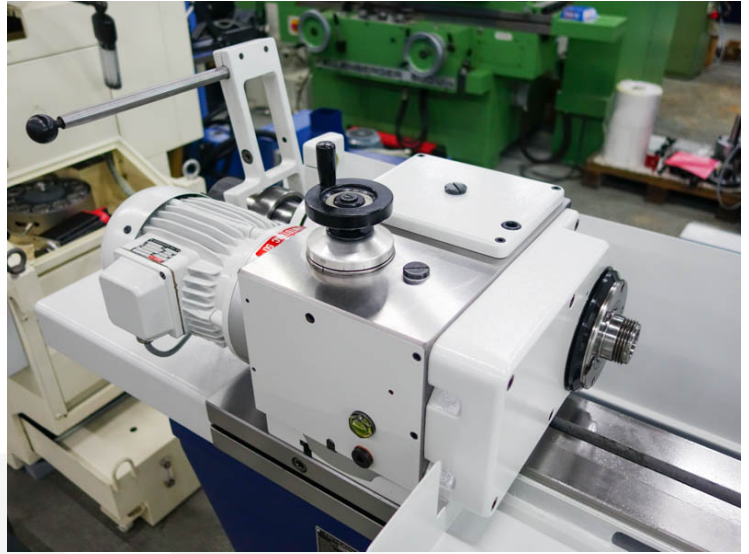
Transverse slide  
Stroke controlled by handwheel: 45 mm  
Automatic rapid feed: 38 mm  
Automatic stroke: 0-1.2 mm/t  
Feed rate value: 0-3 mm/min  
Spark gap time: 2-30 s

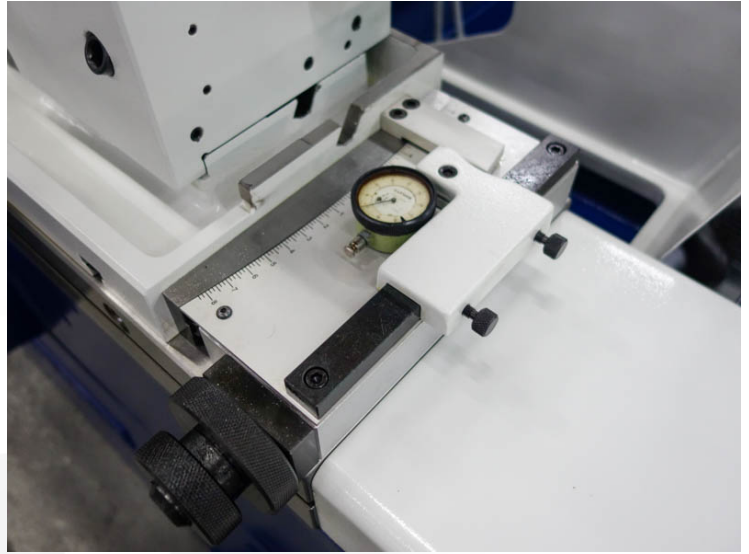
Hydraulic unit  
Capacity: 55 l

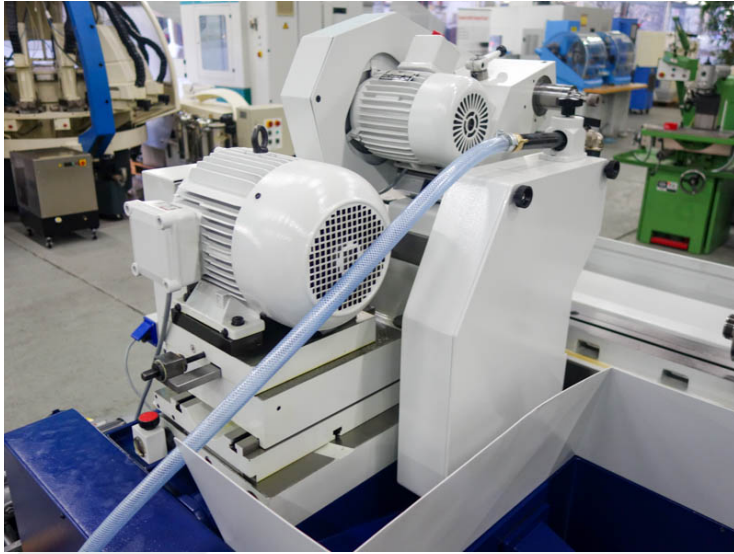
Coolant unit  
Capacity: 200 l

Dimensions (without coolant unit): 2890x1445x1900 mm  
Weight: 2600 kg











TSCHUDIN GRENCHEN		
Type: HTG 620 No. 95 232		
Hydraulic unit Hydraulik Aggregat Groupe hydraulique	Circulation Umlauf Circulation	Mobil Vactra Oil 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 Oil No. 2
Guideways of wheelhead slide Querschlitten-Gleitbahnen Glissières de la coulisse transversale	Bath Bad Bain	Mobil Vactra Oil No. 2
Tailstock barrel Reitstockpinole Fourreau de la contre-poupée	Bath Bad Bain	Mobil Vactra Oil No. 2
Wheelhead spindle Schleifspindel Broche porte-meule	Circulation Umlauf Circulation	Mobil Velocite Oil No. 6
Workhead spindle Werkstückspindel Broche porte-pièce	Bath Bad Bain	Mobil Velocite Oil No. 6
Mechanical workhead variator unit Variatorgetriebe Variateur de vitesse mécanique de la poupées porte-pièce	Bath Bad Bain	SANTOTRAC 50 made by Monsanto
Guides of diamond in-feed slide Abrichtschlittenführung Guidage du coulisseau de diamantage	Bath Bad Bain	Mobil Vactra Oil No. 2
Profile dressing unit with template Kopierabrichteinheit Unité de diamantage par copiage	Bath Bad Bain	Mobil Vactra Oil No. 2

