

**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



A close-up photograph of a lathe machine's tool post. A green tool holder is mounted on the tool post, holding a cutting tool that is in contact with a cylindrical metal workpiece. The workpiece is mounted on the lathe bed. The background shows the industrial setting of the machine.



sales@mullermachines.ch  
CHE-108.090.645 MWST