

**SAM 019549****TSCHUDIN Type PL 105 A**

|                       |                         |
|-----------------------|-------------------------|
| <b>Group</b>          | CNC cylindrical grinder |
| <b>Manufacturer</b>   | TSCHUDIN                |
| <b>Type</b>           | PL 105 A                |
| <b>Controller CNC</b> | GE FANUC Series 18-T    |
| <b>Year</b>           | 2002                    |



|                                  |             |
|----------------------------------|-------------|
| Centre height                    | 175 mm      |
| Distance between centres         | 1000 mm     |
| Max. grinding diameter           | 348 mm      |
| Grinding length                  | 1000 mm     |
| Workpiece weight on centres max. | 250 kg      |
| Grinding wheel:                  |             |
| Diameter                         | 500 mm      |
| Width                            | 100 mm      |
| Peripheral speed                 | 45 m/s      |
| Longitudinal slide:              |             |
| Max. travel                      | 1400 mm     |
| Resolution                       | mm          |
| Feed speed up                    | 8000 mm/min |
| Transversal slide:               |             |
| Max. travel                      | 340 mm      |
| Resolution                       | mm          |
| Swivelling range                 | +9/-9 °     |
| Feed speed up                    | 8000 mm/min |
| Work piece spindle head:         |             |
| speeds:                          |             |
| from                             | 20 t/min    |
| up to                            | 1000 t/min  |
| rotatable                        | +30/-45 °   |
| Précision d'usinage              | mm          |
| taper in spindle: MT             | 6           |
| Tailstock:                       |             |
| Taper in tailstock:              | 4 CM        |
| Tailstock travel of barrel       | 50 mm       |
| Voltage 50 Hz 3x                 | 400 Volt    |
| Grinding spindle motor           | 15 kW       |
| Total power required             | 27 kW       |
| Total power required             | 16 kVA      |
| Machine's weight about           | 5100 kg     |
| Overall dimensions machine:      |             |
| Length                           | 4'410 mm    |
| Width                            | 3550 mm     |
| Height                           | 1900 mm     |

**Various accessories:**

Angular infeed

[www.mullermachines.ch](http://www.mullermachines.ch)

Measuring head MARPOSS  
Set of grinding wheels









