

**SAM 022147****STUDER Type S 30-12 F**

**Group** Cylindrical grinder  
**Manufacturer** STUDER  
**Type** S 30-12 F



|                                  |            |
|----------------------------------|------------|
| Centre height                    | 125 mm     |
| Distance between centres         | 1025 mm    |
| Max. Longitudinal travel         | 800 mm     |
| Max. transversal travel          | 150 mm     |
| Grinding wheel:                  |            |
| Diameter                         | 450 mm     |
| Width                            | 50 mm      |
| Bore                             | 127 mm     |
| Workpiece weight on centres max. | 80 kg      |
| Swivelling range                 | +90 / 30 ° |
| Grinding wheel speeds:           |            |
| number (steps)                   | 6          |
| from                             | 1350 t/min |
| up to                            | 2220 t/min |
| Hydraulic cross travel           | 40 mm      |
| Work piece spindle head:         |            |
| speeds:                          |            |
| stepless                         |            |
| from                             | 30 t/min   |
| up to                            | 675 t/min  |
| rotatable                        | 90 °       |
| Spindle taper                    | 5 CM       |
| Taper in tailstock:              | 3 CM       |
| Table angular displacement       | 10 °       |
| Table speed:                     |            |
| stepless                         |            |
| from                             | m/min      |
| up to                            | 6 m/min    |
| Voltage 50 Hz 3x                 | 380 Volt   |
| External Grinding wheel motor    | 6.25 kW    |
| Internal Grinding wheel motor    | 1 kW       |
| Machine's weight about           | 2'500 kg   |
| Overall dimensions machine:      |            |
| Length                           | 2700 mm    |
| Width                            | 1400 mm    |
| Height                           | 1600 mm    |
| Dimensions of the control:       |            |
| Length                           | 800 mm     |
| Width                            | 500 mm     |
| Height                           | 1600 mm    |

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

**Various accessories:**

Measuring instrument  
Coolant system  
Flange for outer pane  
Tool cabinet

pce



