

## Technical data 0070-001

### Capacities

Max. permissible swing over bed	130 [mm]
Max. permissible swing over carriage	85 [mm]
Center height over bed	70 [mm]
Center height over carriage	16 [mm]
Maximum distance between centres	275 [mm]
Length of the bed	600 [mm]
Height of the bed	120 [mm]

### Main spindle; AC motor drive

Speed variation by frequency converter with integral braking

Power continuous	0,75 [kW]
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### CONTROLS

Control panel comprising :

- Speed pre-selection
- Digital spindle speed indication
- Auxiliary functions

### Headstock W12

Spindle for SCHAUBLIN collets	W12
Spindle speed, infinitely variable	100 - 8'000 [min <sup>-1</sup> ]
Spindle ID (without chuck key)	12 [mm]
Max. bar capacity with W12 collet	8,2 [mm]

### Lever-type quick-clamping system

**option**

Max. spindle speed	3'000 [min <sup>-1</sup> ]
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### Cross slide

Manual travel of the slide on the bed	280 [mm]
Transverse stroke, X axis	65 [mm]
Resolution, X axis (radius)	0.01 (vernier)
Trapezoidal thread screw, dia. x pitch	6,5 x 1 [mm]
Longitudinal stroke, Z axis	60 [mm]
Resolution, Z axis	0.01 (vernier)
Trapezoidal thread screw, dia. x pitch	6,5 x 1 [mm]

### Tooling: Linear

Max. cross section of tool shank (Multifix system)	8 x 8 [mm]
Max. cross section of tool shank (Tripan system)	8 x 8 [mm]
Bar holder (MULTIFIX system)	Ø10 [mm]
Bar holder (TRIPAN system)	Ø8 [mm]

### Screw-type tailstock

Internal taper of the sleeve	2 [°]
Spindle OD	22 [mm]
Spindle stroke	45 [mm]

### Lever-operated tailstock

**option**

Internal taper of the sleeve	W12
Spindle OD	22 [mm]
Spindle stroke	50 [mm]

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### Steady rests option

Capacity, stationary rest

### option

Ø35 [mm]

### Electrical power supply

Voltage	230 [V]
Tolerated fluctuations	+/- 5 [%]
Frequency	50 / 60 [Hz]
Tolerated fluctuations	+/- 5 [%]
Rated current	6 [A]
Protection at mains end	16 [A]
Power consumption of the machine	1,5 [kVA]

### Obstruction and weight

Overall dimensions: length x depth x height	1'600 x 800 x 1'400 [mm]
Approx. net weight of the machine	260 [kg]
Floor load	247 [kg/m <sup>2</sup> ]
Load floor	102 [kg/m <sup>2</sup> ]
Dimensions of the pallet	1'700 x 900 [mm]
Weight of pallet	55 [kg]

### Lubrication of slideways and ball screws

Type of lubrication	Manual
Oil lubrication of slideways	Mobil Vactra 2
Grease lubrication of ball screw	Mobil Velocite 6

### Various

Color of the machine: SCHAUBLIN standard Blue	RAL 7035
Color of cabinet, support and pedal: SCHAUBLIN standard Blue cobalt	RAL 5013
Noise level under load at the operator's station	< 60 [dB <sub>A</sub> ]
Machine and equipment in accordance with the CE safety standards	✓
Operating temperature	+15 ⇨ +30 [°C]
Relative humidity	5 ⇨ 80 [%]