



**CNC controlled flat-bed lathes** including **Siemens control** perfect for small series and training

- Precise machining
- Braced machine bed made of grey cast
- Inductively hardened (HRC 42-52) and precision ground bed slideways
- Complex spindle bearing
- Emergency-stop button
- Central lubrication
- Incremental encoder for spindle positioning (thread cutting)
- Right-/left-handed rotation
- Ground ball screws
- Reference switch
- Two electronic handwheels allow manual working
- Automatic 6-fold tool changer for serial manufacturing
- Easy-to-maintain protective housing
- Access flap for maintenance works at the rear side
- Safety switch on all doors
- Siemens Micromaster as frequency converter
- Coolant equipment
- Control of Controller IV
- Machine lamp



- Central cable duct via energy chain
- Reference switch of mechanic type



- Two-stage multiplication for a powerful transmission of the motor power

<b>model</b>	L33 CNC
Item no.	350 4115
<b>EUR excl. VAT</b>	<b>19.900,00</b>

**Technical data**

Total connection	3.5 kW 400 V ~50 Hz
Performance of spindle motor	3 kW 400 V ~50 Hz
Performance of coolant pump	40 W
Center height	165 mm
Center width	750 mm
Bed width	187 mm
Number of tools	6
6-tool holder seat height	16 mm
Spindle speed	80 - 3'000 rpm
Number of steps	2 steps
Spindle taper	D 1-4"
Spindle holding fixture	38 mm
X-axis travel	165 mm
Z-axis travel	600 mm
Pitch of ball screw Z-axis	6 mm
Pitch of ball screw X-axis	4 mm
Torque motor Z-axis	10 Nm
Torque motor X-axis	8,4 Nm
Positioning accuracy X-axis	± 0.015 mm
Positioning accuracy Z-axis	± 0.02 mm
Repeating accuracy X-axis	± 0.006 mm
Repeating accuracy Z-axis	± 0.008 mm
Feed speed	2'000 mm/min.
Tailstock holding fixture	MT3
Tailstock sleeve travel	120 mm
Dimensions Length x width x height	1'595 x 845 x 1'560 mm
Net weight	1'000 kg