



## NEW CC-D6200 hs NEW



Base cabinet is not included in delivery

### Basic equipment:

- 3-jaw lathe chuck  $\varnothing$  125 mm with turning and drilling jaws
- 8-fold toolchanger
- main spindle bore  $\varnothing$  30 mm
- ball screw spindle for both axis incl. lead screw cover
- safety cabin with integrated coolant system and control cabinet
- key pad area with integrated machine operating elements
- nccad professional turning software

### Working range

- center distance 600 mm
- center height 135 mm

### Drive power

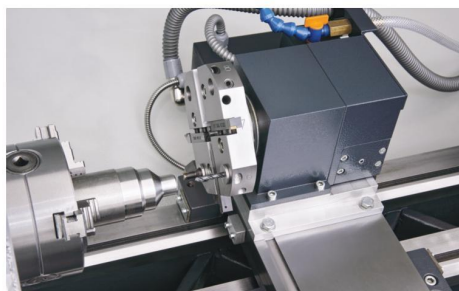
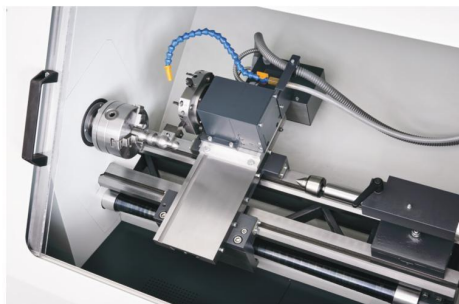
- 2,0 kW, 230 V, 50/60 Hz

# technical details

<b>Working range</b>	
center distance	600 mm
center height	135 mm
turning-Ø above cross slide	170 mm
turning-Ø above the guideways	270 mm
width of cast iron bed	185 mm
<b>Machine precision</b>	
truth of rotation of spindle nose	0.005 mm
cylindrical turning to 100 mm free-hand	0.01 mm
cylindrical turning with finishing cut to 300 mm between centers	0.015 mm
positioning accuracy	± 0.015 mm
<b>Main drive motor</b>	
frequency controlled main drive motor 230 V, 50/60 Hz	2.0 kW
electronically infinitely variable drive	50 - 5000 RPM
due to high speed suitable for small work piece diameters	
main spindle drive which can be adjusted by means of a potentiometer over a wide range of cutting speeds	
main drive motor	with overload protection
<b>Electronics</b>	
electronics manufactured	according with the VDE (Association of German electronics)
constant torque	throughout the entire speed range

<b>Headstock</b>	
housing made of grey cast iron	
v-shaped slot	manually cut
main spindle	2 adjustable precision DIN tapered roller bearings
CW/CCW rotation of the main spindle	
intermediate gear between main spindle and drive	
high torque even in the lower speed range, e.g. for machining hard-to-cut materials	
main spindle bore	Ø 30 mm
taper in main spindle	MT3 with ground tapered insert
main spindle nose	according with DIN 6350
<b>Tool slide</b>	
universally adjustable	
dovetail guides	readjust able free of play
travel of cross slide	140 mm
“Cutting Scrapers“ prevent dirt and cuttings entering the guideways	
<b>Tailstock with quick action adjustment</b>	
tailstock upper part laterally adjustable	± 10 mm
tailstock sleeve	
travel of tailstock sleeve	65 mm
graduated ring reading accuracy	0.1 mm

<b>Spindles</b>	
precise ball screw spindle	
<b>Step motors</b>	
maintenance-free	
travel speed (rapid tranverse) X-and Z-axis	30 - 1000 mm/min
power	bipolar
step angle	1.8° ± 0.09°
resistance	0.3 Ohm
high feed and acceleration values	
plug	Sub D 9 pol
industrial control line	3 m shielded cable
<b>End switch</b>	
for X- and Z-axis	mechanical single limit switches
<b>Toolchanger</b>	
cross section for 4 external machining tool	10 x 10 mm
location bore for 4 internal machining tools	Ø 16 mm
<b>Safety cabin</b>	
with integrated coolant system	
volume coolant	27 litres
feed pump	230 V, 50/60 Hz
<b>Dimensions and weight</b>	
machine dimensions without packing	W1420 x D1000 x H900 mm
weight without packing	352 kgs



## accessories additional available



### Base cabinet

H850 x W1420 x D100 mm  
with lockable door and 2 shelves  
weight: 117 kgs



### Electronic handwheel

for 2 axes  
for manual displacement of the axes  
serves for the positioning of the CNC lathe during the setup mode