

# Machining Center - Horizontal

## UNION CHEMNITZ KCUX 130 CNC 840 D



Sorry the machine has been sold already!

stock-no.: 0200910  
type of machine: Machining Center - Horizontal  
make: UNION CHEMNITZ  
type: KCUX 130 CNC 840 D  
year of manufacture: 2002/ Überholt 2020  
type of control: CNC  
country of origin: Germany  
storage location: Leipzig 5  
delivery time: immediately  
freight basis: EXW, free on truck unpacked  
price: on request



### technical details

boring spindle diameter:	130 mm
x-axis:	3200 mm
y-axis:	2500 mm
z-axis:	1500 mm
b-axis:	360 °
w-axis:	750 +200 mm
U-axis:	220 mm
control:	Siemens 840 D
tool taper:	HSK 100
revolution per minute:	2,5-280 Plansupport U/min
range of rpm - spindle:	5-3000 U/min
clamping table:	1600x2000 mm
feed speeds:	Z/Y/W , 1....6.000 mm/min
rapid traverse :	Z/Y/W , 15 m/min
max. torque on the spindle:	2415 Nm
weight of tools max.:	25 kg
tool changer with:	60 Plätzen/place
diameter of tools max.:	250 mm
tool length - max.:	500 mm
table load:	6,5 t
coolant device:	IKZ / CTS
coolant tank:	1245 l
total power requirement:	51 kW
weight of the machine ca.:	32 t
dimension machine approx.LxWxH:	8,5 x 8,2 x 4,5 m
dimensions electric cabinet LxWxH:	2,0x0,68x2,3 m

### additional information

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7-AXIS Machining CENTRE HORIZONTAL / Domestic Warranty 6 months!

The table boring machine has been mechanically overhauled.

Further details:

- Tool holding intake boring spindle taper hollow shank HSK-A 100
- Tool holder face support taper hollow shank HSK-C 100
- CTS and external cooling
- Work table with pallet changing system (automatic workpiece change) Standard pallet change with 2 stations in z-axis direction.
- Exchange of workpieces (max. 6.5to) in the machining work cycle.
- Loading and unloading station for 2 pallets size each 1600x2000mm
- controlled cross slide  $\varnothing=700\text{mm}$  (interpolation with other axes possible)
- Cooling device/ belt filter system brand Bürener
- Slat-band chain conveyor
- Display Monitor control panel 15 Inch
- Funk Meßtaster 20.00 Multi Radio Waveprobe
- Werkzeugmeßgerät Laser Blum

The T-slot clamping plate shown in the photo is not included in the offer!

work carried out:

- Overhaul of the complete headstock
- W-axis optimized for better lifetime / wear resistance (sleeve with ceramic coating)
- Renewal of the linear guides of x-, w-, z- and y-axis
- Headstock overhauled by manufacturer.
- Assembly, reconditioning and reassembly of the facing slide
- Renewal of all hydraulic hoses according to DIN 20 066
- Renewal of the lubrication pipes
- Renewal of the central lubrication unit of the X-axis
- Dismantling of the clamping shoes of the X and Y axis, cleaning, renewing of linings
- Seals of hydraulic components renewed
- guideway covers refurbished and wiper lips renewed
- Chip conveyor cleaned, checked, defective bearings replaced
- Pallets cleaned, checked, defective rollers replaced
- Cleaning, inspection, painting of the coolant system
- Tool changer checked, and partly overhauled by the manufacturer
- Complete repainting of the machine