Technical datasheet

A.07 16384

25/11/2026

VERTICAL TURNING MACHINES CONVENTIONAL & CNC

Unisign Unicom 6000 Ø 2000 x 1330 mm CNC

Brand: Unisign · Type: Unicom 6000 Ø 2000 x 1330 mm CNC











CNC LATHES

Swing over bed	**Ø 2000 mm**	Max longitudinal travel Z-axis	**1000 mm**
Max cross travel X-axis	**2150 mm**	Power on the spindle	**70 kW**
Number of speeds	**2 > 450 rpm (25.000 Nm)**	Command	**Siemens 840D**
Length	**10 500 mm**	Width	**8500 mm**
Height	**5200 mm**	Weight	**+- 40 ton**
Toolchanger	**yes**	Number of tools	**141 positions**

UNIVERSAL MILLING MACHINES & CNC

Max longitudinal travel X-axe	**2150 mm**	Max cross-travel Y-axe	**1425 mm**
Max travel Z-axe	**1000 mm**	Max height workpiece	**1330 mm**
Power on spindle	**36 kW (720 Nm)**	Type of millinghead	**HSK100A**
Spindlespeeds	**1 > 6000 rpm**	Table size	**Ø 1250 mm / Ø 1600 mm / Ø 1800 mm**
Control	**Siemens 840D**	Length	**10 500 mm**
Depth	**8500 mm**	Height	**5200 mm**
Weight	**+- 40 ton**	Coolant pump	**yes**
Turret	**yes**	Number of tools	**141 positions**

VERTICAL MACHINING CENTERS

X-axis	**2150 mm**	Y-axis	**1425 mm**

CONTACT

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Z-axis	**1000 mm**	Table dimensions	**Ø 1250 mm / Ø 1600 mm / Ø 1800 mm**
Admission in spindle (ISO)	**HSK100A**	Power on the spindle	**36 kW (720 Nm)**
Control	**Siemens 840D**	Number of axes	**5 axis**
Toolchanger	**yes**	Number of toolholders	**141 positions**
Number of rotations	**1 > 6000 rpm**	Length	**10 500 mm**
Depth	**8500 mm**	Height	**5200 mm**
Weight	**+- 40 ton**	Cooling-system	**yes**

DESCRIPTION

Unicom 6000 large 5-axis turning & milling machining center
(vertical lathe with 5-axis milling)

Milling:
- 36 kW power at the spindle
- Type: *HSK100A*
- 1 > 6000 rpm
- *720 Nm*
- high-pressure cooling via the spindle 50 bar
- Universal milling and drilling head (2x automatic indexing 2.5°)

Turn:
- 70 kW power on the table
- 2 > 450 rpm
- *25,000 Nm torque*
- max swing: dia 2000 mm
- max workpiece height: 1330 mm

Tool magazine for turning and milling:
- Type: HSK100A
- *141 positions*

Table:
- 3 tables: Ø 1250 mm / Ø 1600 mm / Ø 1800 mm
- automatic loading/unloading

Radio measuring sensor
Brankamp collision monitoring
Integrated measuring system on the slide
Chip conveyor
Imaging system with camera and separate screen

PRICE

Price on request

Request a quote

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