Technical Datasheet

Urban AP-B 4000 Profilbearbeitungszentrum

Milling machine - CNC & manual



Product code	**89-001724**
Condition	**Used machine**
Category	**Milling machine**
Machine type	**Milling machine - CNC & manual**
Year of manuf.	**2016**
Control	**Heidenhain TNC620**
Movement X/Y/Z [mm]	**4100/420/300**
Tool holder	**SK40**

In general:

Model	AP-B 4000 Automatic Profile Machining Center
Machining length	4,000 mm
Travel ranges X/Y/Z	4,100 / 420 / 300 mm
Machine cover	Pneumatically operated, opens upward
Controls	Operator terminal can move along the machine
Control	Heidenhain TNC 620 CNC control
Additional control	Heidenhain HR130 handwheel
Table specifications	Size 16 T-slots, mounted longitudinally to the X-axis
Working surface	4,200 x 420 mm

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Note: Subject to prior sale and error excepted

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Spindle:

Motor power	14 kW S1 / 19 kW S6
Motor cooling	Water with additive
Speed range	100 to 14,000 rpm
Torque	74 Nm S1 / 100 Nm S6
Drilling capacity in St 60/aluminum	25 mm/30 mm
Thread size in St 60/aluminum	M20/M30

Tool magazine:

Tool holder	SK 40
Tool clamping system	Spring-loaded clamping system with 9 kN clamping force
Configuration	12-round magazine
Tool change time	approx. 10 sec

Coolant:

Description	Coolant system (emulsion)
Flow rate	40–60 l/min
Tank capacity	250 l
Extras	Coolant flush gun

Accessories/Extras

Waste management	Chip tray with 4 drawers
Safety	Pendulum operation with light barriers

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Product images













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