Technical Datasheet

Hermle C 42 U

5-axis machining centre



Product code	**89-001897**
Condition	**Used machine**
Category	**Milling machine**
Machine type	**5-axis machining centre**
Year of manuf.	**2024**
Control	**Siemens 840 Dsl - Operate**
Speed [rpm]	**15000**
Movement X/Y/Z [mm]	**800/800/550**
Tool holder	**HSK 63**

In General:

Year of manufacture	2024
Control system	Siemens 840 Dsl - Operate
Travel ranges X/Y/Z	800/800/550 mm
Rotational speed	15,000 rpm
Tool holder	HSK 63

Spindle:

RPM	15,000
Max. power	31 kW
Max. torque	194 Nm
Tool holder	HSK 63
Fluid supply	Blast air + coolant

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Note: Subject to prior sale and error excepted

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NC swivel table:

A-axis	+/- 130°
Drive	Tandem drive
C-axis	360°
Drive	Direct drive (torque motor)
Clamping surface	800 x 630 mm
Max. table load	1,400 kg

Tool magazin:

Magazine I	Standard
Number of stations	42
Magazine II	ZM 88
Number of stations	88
Tool changer	Pick-Up
Max. tool diameter	80 (125) mm
Max. tool length	350 mm

Equipment:

Position Sensors	Direct scales on all axes (glass scales)
Chip Removal	Chip conveyor
Coolant Supply	Internal coolant system, 80 bar
Workpiece measurement	Touch probe
Tool measurement	Laser
Kinematics measurement	Automatic, Kinematics Opt
Emulsion mist separator	Mechanical
Machine accuracy I	Package I
Increased accuracy in A and C axes	Yes
Turning function	Interpolation turning S840

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Product images








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