DMG MORI CTX Beta 1250 TC 4A

Lathe · CNC turning and milling centre



Article number	**89-001911**
Condition	**Used machine**
Year of manuf.	**2014**
Control	**Siemens 840 Dsl - Operate**
Turning diam.	**340 mm**
Turning length	**1185 mm**

In General:

Year of manufacture	2014
Control system	Siemens 840 Dsl - Operate
Swivel diameter	540 mm
Turning length	1,185 mm
Bar capacity	102 mm

Main spindle:

Technology	Direct drive spindle
Speed	4,000 rpm
Power	48 kW
Torque	680 Nm
Bar capacity	102 mm
C-axis	0.001°
Chuck	Hainbuch Spanntop 100
Hydraulic clamping	Differential pressure clamping
Clamping cylinder	Hollow Clamping Cylinder
Coolant supply	External (chuck flushing)

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Sub spindle:

Technology	Direct drive spindle
Speed	4.000 rpm
Power	48 kW
Torque	680 Nm
C-axis	0.001°
Chuck	Hainbuch Spanntop 65
Hydraulic clamping	Differential pressure clamping
	Clamping cylinder:Partially Hollow Clamping Cylinder 848 mm
Coolant supply	External and internal
Tailstock function	Mechatronic control of the sub spindle

Tool carrier I (X/Y/Z/B):

Technology	Milling spindle on a travelling column
Milling spindle speed	12,000 rpm
Max. power	22 kW
Tool holder	HSK 63
X-axis	450 mm
Y-axis	200 mm (+/- 100)
Z-axis	1,200 mm
B-axis	+/- 110°
Position measurement systems	Direct (glass scales)

Tool carrier II (X/Y/Z):

Technology	Tool turret on cross slide
Tool drive	Direct drive
Speed	10,000 rpm
Power	14 kW
Torque	34 Nm
X-axis	195 mm
Y-axis	80 mm (+/- 40)
Z-axis	1,200 mm
Tool holder	VDI 40
Number of tool stations	12
Steady rest	SLU2X turret steady rest, 8–101 mm

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Tool magazin:

Technology	Chain magazine
Number of stations	120
Tool changer	Double gripper

Equipment:

Position sensors	Direct in X1/Y1/Z1/X2/Z2/Z3
Chip removal	Chip conveyor
Coolant supply	CTS system, 80 barCoolant Coolant Temperature Control
Tool monitoring	Easy Tool Monitor
Tool Breakage Monitoring	Swivel Wire
Touch Probe	Renishaw
Part removal	Part gripper, conveyor belt
Bar feeder	Interface
Software option I	5-axis simultaneous milling
Software option II	Off-centre turning and milling
Software Option IV	Gear Cutting and Gear Shaping
Software option III	Alternating spindle speed
Chucks	2x Hainbuch Spanntop

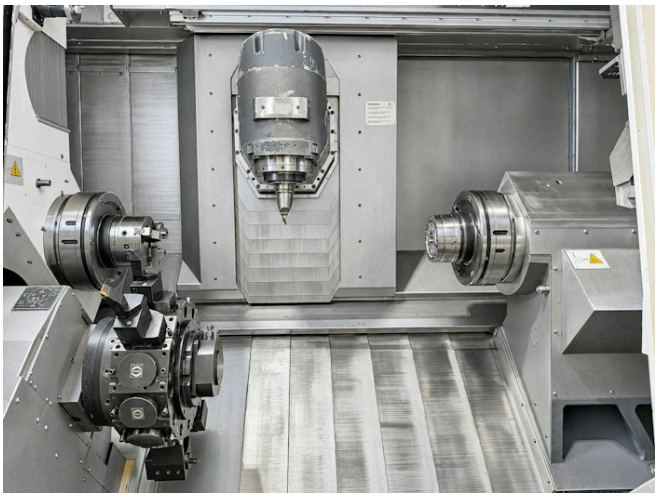
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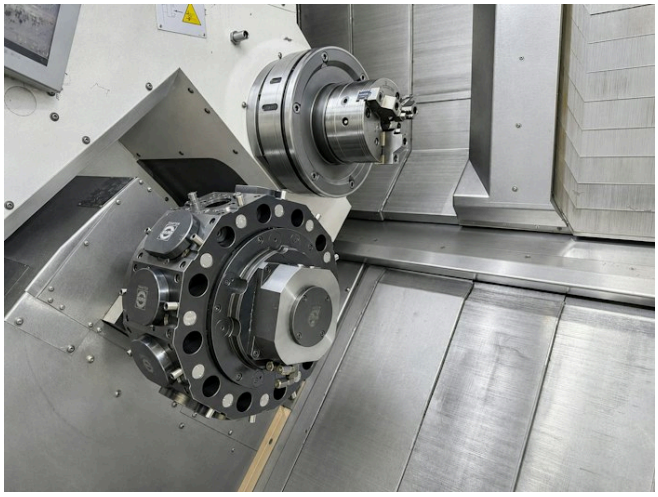
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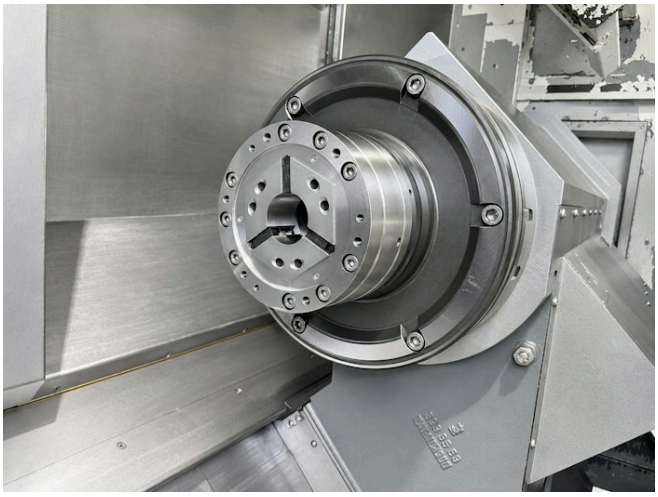
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Product images

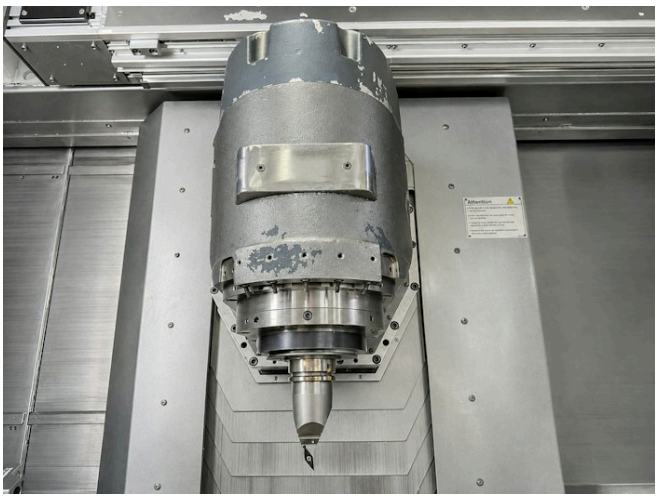








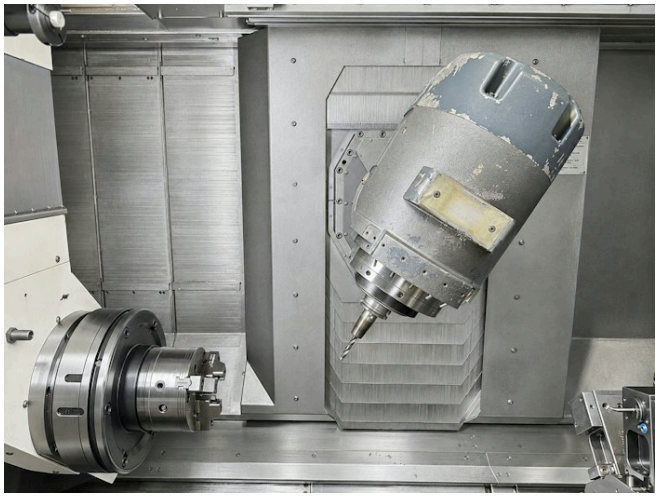




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