



Inventory number: 20569

5-axis machining center  
MIKRON HSM 400 U  
HEIDENHAIN iTNC 530  
2003



### Technical data

Time under power	60190 Hour
Operating time	56773 Hour
Spindle run time	42726 Hour
Number of axis total	5
Rotary table:diameter	250 mm
Longitudinal travel (X-axis)	400 mm
Transversal travel (y-axis)	240 mm
Vertical travel (z axis)	350 mm
B axis swivelling range	+/-110 °
C axis	360 °
Tool changer:	TCD
Number of tools	36
Spindle nose: HSK	40E OptiCool
Spindle speeds:	StepTec
stepless	
from	100 rpm
up to	42000 rpm
Feeds:	
stepless	
longitudinal from	1 mm/min
up to	40000 mm/min
transversal from	1 mm/min
up to	40000 mm/min
vertical from	1 mm/min
up to	40000 mm/min

Rapid traverse:	42 m/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	13 kW
Machine's weight about	6500 kg
Overall dimensions machine:	
Length	3800 mm
Width	2900 mm
Height	2500 mm
Various accessories:	
Touch Probe Renishaw	
Pallets changing device:	EROWA ITS 148mm
Pallets: number	20
Handwheel electroinic	
Lamp	
Measuring feeler gauge	

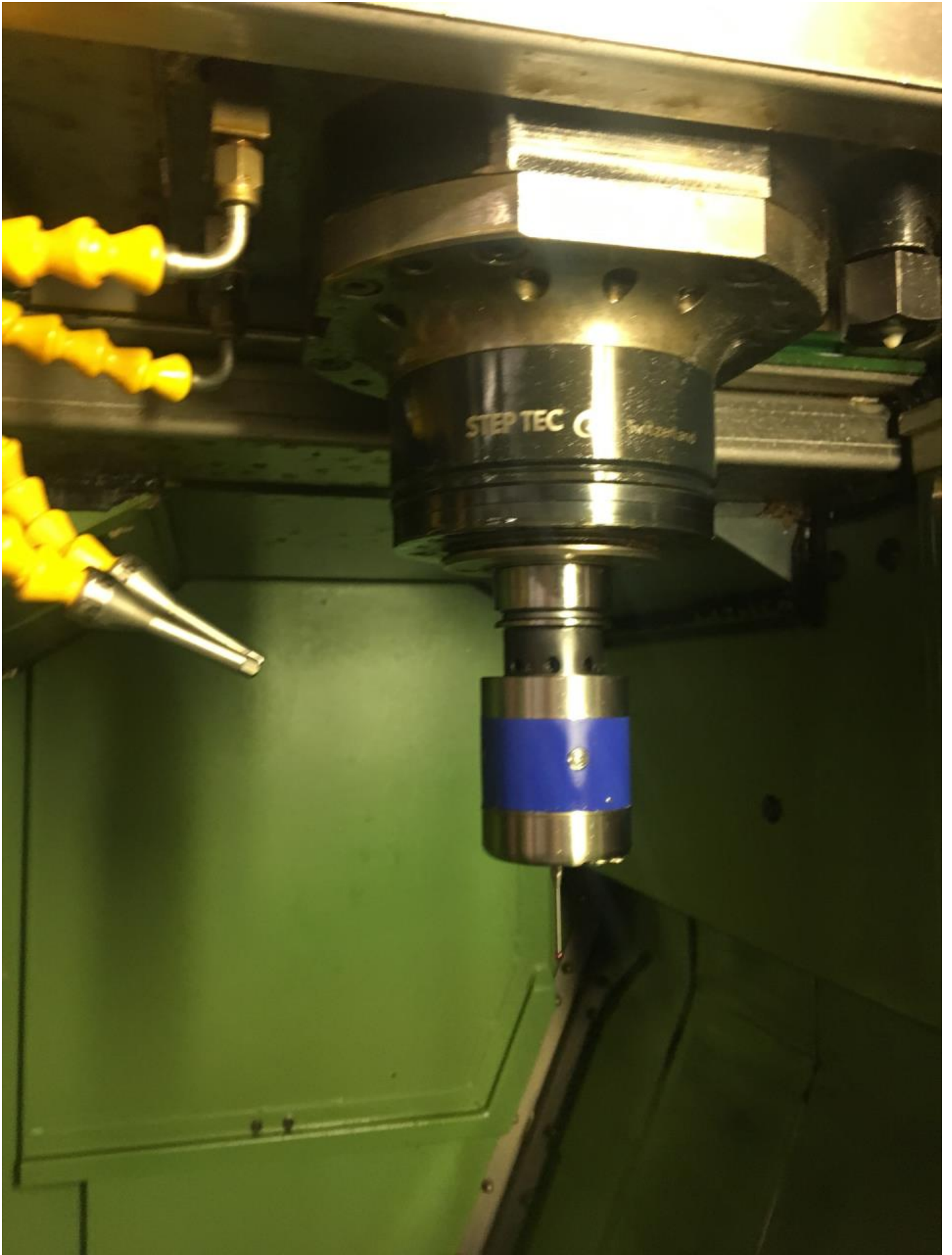


















# Manueller Betrieb

Steuerung ein	=	102697:19:25
Maschine ein	=	60190:11:13
Programmlauf	=	40317:03:48
Antriebe ein	=	56773:25:21
Spindel ein	=	42726:09:54