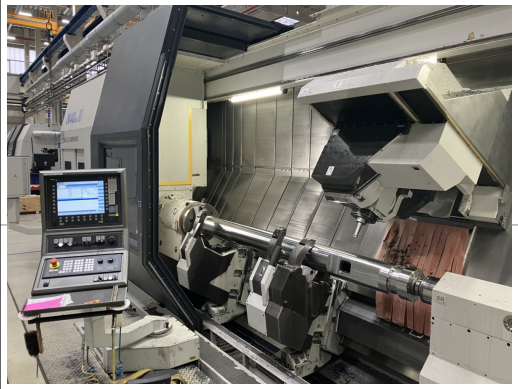
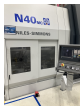
NILES

N40MC-6000

Stock no. :1022-E06297





MACHINE-DATA

Machinetype	: CNC Turning- and Milling Center
Make	: NILES
Type	: N40MC-6000
Year	: 2019
Control type	: CNC
Control	: Siemens Si 840 D sl
Storage location	: Germany
Origin	: Germany
Delivery time	: Short-dated
Quotation	: ex foundation
Price	: on request

TECHNICAL DATA

turning diameter	820	mm
turning length	6000	mm
control	Siemens Si 840 D sl	
max. workpiece weight between centres	4000	kg
total power requirement	155	kW
weight of the machine ca.	65	t
dimensions of the machine ca.	16350 x 3700 x 3850	m

TECHNICAL DESCRIPTION

Original purchase price in 2019: EUR 1.550.000,-

Time recording from Feb. 2025
Operating hours = 38601 h
Main spindle = 1958 h
Milling spindle = 1760 h

CNC control Si 840D sl
Working area 6000 mm

Technical details and information subject to amendments and errors.

An der Spielbank 4 · 40789 Monheim Fon: 02173 - 39494-0 · maschinen@knops.de · www.knops.de

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Working height 1390 mm
Swing diameter over bed slide/bed 820 mm
X-axis travel +850 -25 mm
Z-axis travel 6820 mm
C-axis, smallest increment +/-0.001°

Workpiece spindle
Spindle head according to DIN 55026 A15
Bathing through 160 mm
Front diameter Bearing 240mm

2-stage gearbox, infinitely variable programmable
Drive power at 100/60% duty cycle: 78/87kW
Speed ranges: 2
Speed range I: 10-501 rpm
Speed range II: 10-1750 rpm
Torque I, 60% duty cycle: 8000 Nm
Torque II, 60% duty cycle: 2308 Nm

C-axis
Holding torque with backlash-free spindle brake: 3000 Nm
Speed: 0-50 rpm
Maximum torque (100/60% duty cycle): 3700/4430 Nm

Steady rest clamping range: 70-425 mm
Turning, drilling, milling head
Tool taper Capto C8

Tool magazine
Storage locations: 2 magazines, Baluff chip system
Max. tool diameter (each position/every 2nd position) 125/200mm
Max. tool length 600mm
Tool weight 25kg

Tailstock
Quick diameter 180mm
Stroke 170mm
Internal taper MK6
Axially force, manually adjustable 5-30 kN
Quick tip height adjustment +/-0.15mm

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Other:
Collision monitoring sensor ACS 3-ARTIS
Chip conveyor system
Coolant system 980l tank
and more

VIDEO-LINKS

WEB-LINK

http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-E06297

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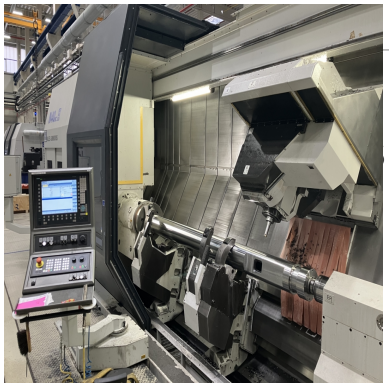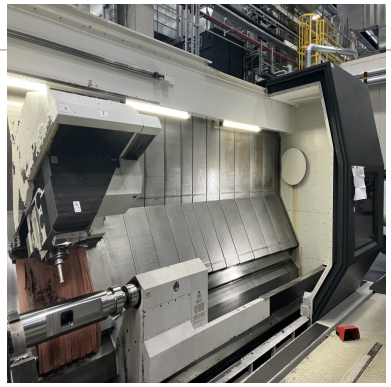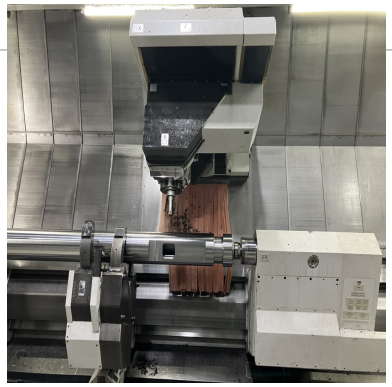
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