

MONFORTS

UniCen 1000 MultiTurn

Stock no. :1022-2406

MACHINE-DATA

Machinetype	: CNC Turning- and Milling Center
Make	: MONFORTS
Type	: UniCen 1000 MultiTurn
Year	: 2008
Control type	: CNC
Control	: Siemens 840 D
Storage location	: Germany
Origin	: Germany
Delivery time	: Immediately
Quotation	: Ex site, without dismantling and loading
Price	: on request



TECHNICAL DATA

turning diameter	1000 mm
turning length	1500 mm
control	Siemens 840 D
swing over bed	1000 mm
swing diameter over slide rest	800 mm
max. workpiece weight between centres	2000 kg
main spindle speeds:	2000 U/min
main drive	62 kW
transmission ratio	4
milling spindle drive	37 kW
milling spindle turning speed range:	25 - 10000 U/min
total power requirement	82 kVA
weight of the machine ca.	29,0 t
dimensions of the machine ca.	8,2 x 5,3 x 3,6 m

TECHNICAL DESCRIPTION

Extensive partial overhaul since November 2023:

- All ball screws including bearings overhauled: X1/X2/Y1/Z1/Z2



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- All cylinders overhauled
 - All Siemens motors overhauled: main spindle, tailstock, magazine, tool 1+2, X/Z/Y/B/C/U/W
 - Siemens control panel replaced, control module and LT module repaired
 - Clamping elements/ATC renewed: Ortlieb collet, clamping package incl. pull rod
 - Tailstock quill renewed
 - All wipers replaced and covers reworked
 - Drive belts and safety windows renewed
 - Various cables renewed

- * CNC Control SIEMENS 840 D
- * Swivelling milling head at the top (B axis), interpolating, HSK-A 63
- * Y axis
- * C axis
- * 8-station turret at the bottom, for driven tools
- * 60-station tool changer
- * NC-controlled tailstock, quill diameter 150 mm, max. quill stroke 180 mm
- * Hydrostatic longitudinal guide in the Z-axis
- * Coolant system with paper belt filter
- * Chip conveyor
- * Oil-cooler, make SCHIMPKE
- * Extraction system
- * Power chuck, make FORKARDT, diameter 500 mm

VIDEO-LINKS

Video No.1 : <https://www.youtube.com/embed/sfelQI77jyE>

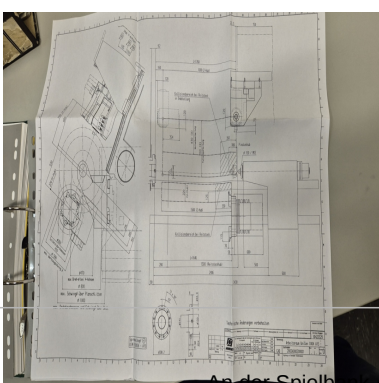
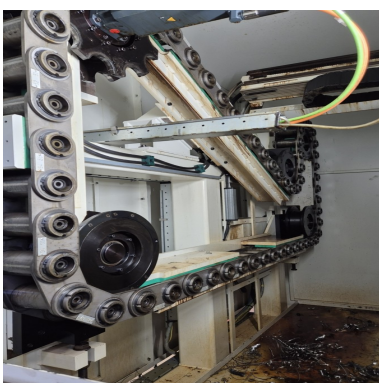
WEB-LINK

<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-2406>

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Technical details and information subject to amendments and errors.

Knops Werkzeugmaschinen GmbH & Co. KG

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