MORI-SEIKI

NT 4300DCG/1500SZ

Stock no. :1022-2422



MACHINE-DATA

Machinetype	: CNC Turning- and Milling Center
Make	: MORI-SEIKI
Type	: NT 4300DCG/1500SZ
Year	: 2006 / Nov.
Control type	: CNC
Control	: Fanuc/Mori Seiki MSX 701
Storage location	: Hilden
Origin	: Japan
Delivery time	: Immediately
Quotation	: Ex warehouse, loaded on truck
Price	: on request

TECHNICAL DATA

turning diameter	660/275	mm
turning length	1498	mm
control	Fanuc/Mori Seiki MSX 701	
total power requirement	90	kVA
weight of the machine ca.	26,6	t
dimensions of the machine ca.	5301 x 2997 x 2788	mm

TECHNICAL DESCRIPTION

9-axis CNC turning and milling centre

** Fanuc MSX-701 CNC control*
** Milling spindle at top (B axis), as full 4th axis, positioning 0.0001 deg.*
** 40-position tool magazine*
** 10-position turret at bottom, all positions driven*
** 2 x 3-jaw quick-change chuck KNCS-N 315/91*
** KNOLL high-pressure coolant system, pressure setting 12/25/35/45/55/62 and 72 bar, with maintenance-free rotary filter system*
** Chip conveyor*

Technical details and information subject to amendments and errors.

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** Drain system for main spindle chuck (controlled via M function)*
** Drain system for tool cutting edge (controlled via M function)*
** Coolant gun incl. accessories*
** Oil mist extraction*
** Direct measuring system X1, X2, Y-axis*
** Bar loader interface*
** Double foot switch for both spindles*
** Islands and pocket programming for MAPPS*
** High-speed fixed cycle for MAPPS*
** Programm memory extension to 8 MB*
** Programm restart*
** 3-stage signal lamp*
** 512 MB memory card (CF card)*

Swing diameter over cross slide (tool spindle 1): 750 mm
Swing diameter over cross slide (turret 2): 400 mm
Max. turning diameter (tool spindle 1): 660 mm
Max. turning diameter (turret 2): 275 mm
Max. machined workpiece length: 1498 mm
Max. bar material: 90 mm

Travels:
X1 axis (tool spindle): 750 mm
Y axis (tool spindle): 420 (+/- 210) mm
Z1 axis (tool spindle): 1635 + 100 mm for tool change
B axis (tool spindle): +/- 120 deg., full B-axis 1 deg. indexed and 0.0001 deg. braked
X2 axis (turret): 195 mm
Z2 axis (turret): 1525 mm
SZ axis (subspindle): 1610 mm
Rapid traverse: (X1,Z1) 50 m/min. / (Y,X2,Z2,SZ) 30 m/min.

Main and subspindle:
Spindle speeds infinitely variable (spindle 1 + 2): 30-3000 rpm.
C axis (spindle 1 + 2): 0.001 deg.
Main spindle motor: 22/18.5 kW
Subspindle motor: 22/18.5 kW
Torque (spindle 1 + 2): 1000 Nm

Disc turret:
Number of tool positions: 10

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Speed of driven tools: 6000 rpm.
Drive power: 5.5/3.7 kW

Milling spindle head:
Tool holder: HSK A63
Max. speed: 12,000 rpm
Drive power: 18.5/11 kW
Torque: 120/44 Nm

Tool changer: 40-stations
Tool diameter 70/140 mm
Tool length 400 mm
Tool weight 8/10 kg

Total power requirement 90 kVA
Main dimensions Length x width x height 5301 x 2997 x 2788 mm
Machine weight 26.6 t

Accessories:
Measuring arm (picture) tool measurement in machine
Tool holder + box, reduction sleeves, driven tools
Clamping jaws package
Collets package

VIDEO-LINKS

WEB-LINK

http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-2422

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