

MILLING AND TURNING CENTER 5 AXES MORI SEIKI NMV 5000 DCG



TECHNICAL DATA

CNC Mori Seiki MSX-701III

TRAVELS

X axis travel:	730 mm
Y axis travel:	510 mm
Z axis travel:	510 mm
C axis travel:	360°
B axis travel:	340°

TABLE

Work surface:	diam. 500mm
Load capacity:	300 kg
Milling table rotation speed:	0-120 rpm
Turning table rotation speed:	0-1.200 rpm
Max. swing diameter of the piece:	700 mm
Max. height of the piece:	450 mm

SPINDLE

Rotation speed: 20.000 rpm
Spindle nose connection type: HSK-A63

FEED RATE

X-Y axis rapid movement speed: mm/min 50.000
Z axis rapid movement speed: mm/min 40.000

TOOL CHANGE

Tool magazine capacity: 181 places
Max. diameter of the tool with adjacent tools: 90 mm
Max. diameter of the tool without adjacent tools: 125 mm
Allowed tool length: 300 mm
Max. weight of the tool: 8 kg
Tool change time: 1,8 sec

DIMENSIONS

Overall area: 2.691 x 3.965 mm
Machine height: 3.264 mm
Machine weight: 13.000 kg

Accessories supplied:

- Coolant cooling unit for through-spindle refrigeration system
- EROWA system interface complete with automatic door for loading and unloading pallets
- Table with turning mode
- High pressure through the spindle
- Chip conveyor
- Renishaw probe with tool measurement setting function (length – diameter)
- Optical measuring probe in the machine on the table with tool measurement setting function (length – diameter)
- Direct feedback from scale X axis Y axis Z axis
- Coordinate rotation
- Tool life management

Year of manufacturing: 2011