



Inventory number: 22300

CNC Turning-Milling-Drilling Center
MORI SEIKI MT 2500 SZ 1500
MORI SEIKI MSX-502
2005



Technical data

Number of axis total	9
Number of spindles	2
Number of milling heads	1
Number of revolvers	1
Workpiece weight on centres max.	1828 kg
Swing diameter	910 mm
Max. turning diameter	540 mm
Spindle hole	73 mm
Maximum turning length	1530 mm
Turning diameter	550 mm
Spindle positioning increment	0.001 °
Turret carriage:	
Travels:	
Longitudinal travel (Z-axis)	1479 mm
Transversal stroke (X axis)	155 mm
Turret carriage:	
Number of positions turret 1	12
Driven tools turret 1	12
Spindle speeds	4000 rpm
Tool shank cross section	25 mm
Main spindle:	
Spindle nose	JIS A2-8
C axis (spindle, resolution)	0.001 °
Spindle speeds:	
stepless	
up to	4500 rpm

Back spindle:

Spindle nose	JIS A2-6
Spindle positioning increment	0.001 °

Milling spindle:

Milling cutter speeds	8000 rpm
Drive milling spindle	18.5 kW
B axis swivelling range	+ / - 120 °

Travels:

X axis	565 mm
Y axis	230 (+/-115) mm
Z axis	1599 mm

Rapid traverse X	24 m/min
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Rapid traverse Z	24 m/min
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Rapid traverse Y	16 m/min
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Total power required	78 kVA
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Machine's weight about	11500 kg
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Overall dimensions machine:

Length	3830 mm
Width	2881 mm
Height	2650 mm

Various accessories:

3-jaw chuck

Lamp

Hydraulic tailstock

Coolant system

Coolant through spindle (cts)	60 bar
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Oil mist extractor

Tool break control

Chip conveyor

Measuring arm Renishaw	2x
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Rotating viewing window































