TURNING CENTER
MORI SEIKI NL 2500 Y/ 1250



TECHNICAL DATA

CNC MSX 850 III

MACHINING CAPACITY	
Max. swing over bed:	920 mm
Swing over cross slide:	742 mm
Max. turning diameter:	366 mm
Standard turning diameter:	275 mm
Max. turning length:	1.298 mm
Bar capacity:	Ø 80 mm
TRAVELS	
X-axis:	260 mm
Y-axis:	± 50 mm
Z-axis:	1.345 mm
SPINDLE	
Spindle nose:	JIS A2-8
Max. spindle speed:	4.000 rpm
Spindle bore diameter:	91 mm
Spindle bearing inner diameter:	140 mm
Minimum spindle indexing increment:	0.001°

TURRET	
Number of tool stations:	12
Square tool shank height:	25 mm
Boring bar diameter:	50 mm
Turret indexing time:	0.40 sec.
Max. live-tool spindle speed:	6.000 rpm
FEED RATES	
X-axis rapid traverse:	30.000 mm/min
Y-axis rapid traverse:	10.000 mm/min
Z-axis rapid traverse:	30.000 mm/min
Tailstock retract speed:	20.000 mm/min
Tailstock extend speed:	7.000 mm/min
TAILSTOCK	
Travel:	1.284 mm
Type:	MT5
MOTORS	
Spindle motor:	18.5 kW
X-axis feed motor:	3.0 kW
Y-axis feed motor:	3.0 kW
Z-axis feed motor:	4.5 kW
Electrical power supply:	35.4 kVA
Compressed air supply:	0.5 Mpa
Coolant tank capacity:	420 L
Machine dimensions:	5.049 × 2.200 × 2.265 h mm
Weight:	7.540 kg
Year of manufacture:	2005

Machine supplied complete with:

- Ø 250 KITAGAWA chuck
- 3 radial driven tool units
- 3 axial driven tool units
- Instruction manuals