CNC TURNING CENTER
MORI SEIKI ZT 1500 YB



TECHNICAL DATA

CNC MSX 501 MAPPS II

Opposed-spindle machine.
Spindle size A2-6, twin spindles.
2 stacked turrets.
9-axis controlled turning and milling center.
2 turrets.
Y-axis upper turret.
2 C-axes.
Bar capacity: 65 mm.
Two integrated 15 kW motors.
Tool life management and tool wear monitoring.
Mapps 4 conversational automatic programming system.
Automatic force control and tool wear monitoring.
Oil cooler for both spindles.

340 Nm cutting torque.
15-position turret, all positions motorized.
Automatic workpiece collector.
Bar loader LNS SPRINT S3
Interface for bar loader installation.
Rear automatic part pick-up with a special gripper for long parts.
Max. turning diameter: 320 mm.
Turning length: 810 mm.
Max. distance between main spindle and counter spindle: 920 mm.
Main spindle speed: 5000 rpm.
Counter spindle speed: 5000 rpm.
X1 travel: 210 mm.
Y1 travel: +50 / -50 mm.
X2 travel: 210 mm.
Counter-spindle travel: 920 mm.
Number of powered tool stations: 2 x 15.
Capable of holding 30 tools per turret.
Large selection of external and internal tool holders.
Large selection of axial and radial motorized blocks.
Speed range of powered tools: 5.000 rpm.
Drive motor for powered tools: 5.5 kW.
Rapid traverse X1, X2: 25.000 mm/min.
Rapid traverse Y1: 20.000 mm/min.
Rapid traverse Z1, Z2: 30.000 mm/min.
C-axis resolution: 0.001°.
Collet chuck on main spindle.
Self centering chuck on counter spindle
External and internal tool holders.
Motorized axial and radial blocks.
Communication ports via USB, PCMCIA card, and RS-232.
Rear chip conveyor.
Power transformer, documentation, parts list, electrical schematics, programming, and operating manual.
Machine in very good condition.
Machine weight 6.5 tons.
Machine available for inspection while in operation.

Year of manufacturing: 2007