

# VERTICAL MACHINING CENTER

## A-500



CE



<b>ITEM</b>	<b>MODEL</b>	<b>UNIT</b>	<b>A-500</b>
<b>SPINDLE</b>			
SPINDLE TAPER			BT-40
TRANSMISSION			DIRECT DRIVEN
SPINDLE SPEED		r.p.m	12,000
<b>TABLE</b>			
TABLE SIZE		mm	620x420
T-SLOT		mm	18x100x4
MAX. TABLE LOAD		kgs	200
<b>TRAVEL &amp; FEEDRATE</b>			
X AXIS		mm	500
Y AXIS		mm	400
Z AXIS		mm	400
DISTANCE FROM SPINDLE NOSE TO SURFACE		mm	170~570
DISTANCE FROM SPINDLE CENTER TO SURFACE OF COLUMN WAY		mm	425
RAPID TRAVERSE (X/Y/Z)		M/min	48/48/48
CUTTING FEEDRATE		M/min	36/36/36
<b>ATC</b>			
TOOL SHANK			BT-40
MAGAZINE CAPACITY		pcs	24
MAX. TOOL DIAMETER		mm	80
MAX. TOOL LENGTH		mm	250
MAX. TOOL WEIGHT		kgs	7
TOOL CHANGE TIME: (T TO T)			1.5 SEC.
ATC TYPE			ARM TYPE
<b>MOTOR</b>			
FOR SPINDLE(CONT./30 min.)		kw	5.5/7.5
X/Y/Z AXIS		kw	1.5/1.5/2
<b>MACHINE WEIGHT AND SPACE</b>			
FLOOR SPACE		mm	1,700x2,340
NET WEIGHT		kgs	2,500
CONTROLLER			M80A

### **Standard Accessories:**

MITSUBISHI M80A Controller  
12,000rpm Spindle Speed  
Direct-coupled servo motors  
Full Splash Safety Guard  
Air Cooling System  
Spindle Air Blast  
Spindle Air Blower  
Auto Lubrication Equipment  
Cycle and Alarm Light  
Halogen Work Lamp  
Leveling Bolts and Pads  
Toolkit Box  
Operation and Maintenance Manual

### **Optional Accessories:**

FANUC 0iMF Controller  
SIEMENS 828D Controller  
10,000/15,000rpm Direct Driven Spindle  
Armless Type 14 Tools or Arm Type 20 Tools  
ATC  
Coolant Through Spindle A Type (20 bars)  
Oil Cooler for Spindle  
CNC Rotary Table  
Auto Tool Length Measurement  
Ball Screw with Hollow Cooling System  
Hinge Type Chip Conveyor  
Three Axes Optical Linear Scale  
CE Electrical Specification



**AGMACHINE TECHNO CO., LTD.**

No. 7, Ln. 34, Jhuangcian Rd., Shengang Dist.,

Taichung City 42951, Taiwan

TEL:+886-4-25612868

FAX:+886-4-25610409 & 25613010

E-mail: [mk21@agma.com.tw](mailto:mk21@agma.com.tw)

<http://www.agma.com.tw>

