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#### **VERTICAL MACHINING CENTER MODEL:** W1320

### **MACHINE FEATURES:**

- Centroid M400 control with 15" LCD •
- 24 tools ATC arm type •
- 25 HP spindle motor, BT50 or CAT50 spindle taper •
- 6,000 rpm spindle speed with spindle oil cooler •
- Hardened & ground with Turcite-B coating guide way
- Double nut precision ball screws hardened & ground for ٠ high accuracy and long lasting
- FC30 Meehanite casting main frame with annealed & • stress relieved for long term reliability
- 100% laser tested for positioning accuracy & ٠ repeatability
- 4 Box ways design on Y axis to provide maximum • rigidity & stability
- Telescopic steel way covers on all three axes
- Tool box & tools
- Coolant system and air blast system •
- Central lubrication system •
- Built-in Quartz work light •
- Rigid tapping (opt) •
- Portable hand wheel (opt)

#### **Specification**

	X / Y / Z travel: 5	2" / 28" / 27.5"
	Distance from spindle to column:	··· 29.7"
	Distance from spindle to table top:	4.3" ~ 31.8"
Working	g Table	
	Size (X / Y):	59.8" / 27.5"

T-slot:	0.7" x 5 x 5.7"
Load capacity:	3300 lbs

#### Spindle

Motor: ·····	25 HP
Speed: ·····	6,000 rpm
Taper:	CAT50 / BT50
d Rate	

#### Feed Rate

Rapid X / Y / Z: ·····	··· 640 / 640 / 480 ipm
Cutting:	300 ipm

#### ATC

Tool magazine capacity: Arr	n 24
Max. tool dia. / adj. pocket empty:Ø	4.1" / Ø 8.6"
Max. tool length: 13.	7"
Max. tool weight: 33	lbs

#### General

Power requirement:	48 KVA
Pneumatic tank requirement (min.):	······ 5 ~ 8 (5) kg/cm^2
Coolant tank capacity:	63.4 gal

#### **Dimension & Weight**

L X W X H:	155'	Х	113"	x 1	16"
Weight: ·····	18,7	00	lbs		



#### **Standard Accessories**

Boster (unclamp) cylinder
Full enclosure
Telescoping way cover
Tools & box
Screw type chip auger

Auto lube Coolant system Power chain Spindle chiller Electric cabinet set w/ bracket Air gun & spindle air blast Halogen work light Operation manual Encoder set Arm type 24 tool atc system

#### **Optional Machine Accessories**

CK-105	52pcs Clamping Kit slot: 0.71" (18mm); stud: 5/8-11
CP-MIST	Mist Coolant System
UG-MT15	Upgrade to high torque Y and Delta Motor
VISE-6	6" Angle Vise W/ Swivel Base (Import)
C40RK-45	Retention Knob Cat40, 45degree 20pcs
CP-SP	Coolant Through Spindle

#### **Optional Software Accessories**

10620	Compression tapping
10610	User definable Macros and sub programs [M98 & G65]
10851	Cutter compensation
10360	4th axis software
10630	Unlimited part program size
10730	Intercon off-line conversational program (for your desktop PC)
10810	Rigid tapping [G74 & G 84] (includes 10620)
10850	Coordinate system rotation (CSR)
10625	Scaling and mirroring [G50 & G51]
10814	DXF in, CAD drawing input software
10660	BCD tool change output
10740	Engraving software
Digitizing & Probing	
10405	DP-4 probing package w/ CSR (10850)
12486	DP-7 probing package w/ CSR (10850)
10770	2D & 3D digitizing software (requires 10405)
10220	TT-1; Tool touch off kit
12468	TT-2; Tool touch off kit
10772	Tool room package (10405 & 10220 & 10600 work coordinate)
Manual Pulse Generat	tors (MPG)
11069	100 Step MPG

\*\* WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE \*\*

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