



SUPER PRECISION VERTICAL TURRET MILLING

2013

MODEL: V-200VS

US\$ 19,800 .00

MACHINE FEATURES

- 11 X 52” Table , long saddle, box way on Y & Z
- 5HP Heavy duty head, Hi-Low speed change by gear transmission (with no timing belt).
- 7.5 HP Inverter driver
- NST#40 Spindle, Quill Dia. 110mm. Spindle is made from SCM-415 (SAE4115) Cr-Mo Alloy steel, then heat treated and precision ground.
- Turcite-B coated on the XY slideways and gibs.
- Hardened & Ground on the XYZ slideways and T-slot of table.
- XY axes use C5 pre-load double nut ball screws, no backlash and provide accurate positioning.
- Spindle bearing appliance with 7210(p4) Angular contact bearings.
- 1-1/2”(38mm) Diameter Lifting Screw.
- Leveling Screw & Plate On Base.
- Meehanite casting GC275 with annealing & stress relieving treatment.
- Auto-lubrication system
- Ram is moveable directly on extra heavy duty column without turret.
- All the slideways (column, table, saddle, ram and knee) are installed with rubber wiper.
- Lifting motor and control panel with electric box
- Direct construction on Ram & Column



Specification:

Table:	11" x 52" (279 x 1320mm)
T-Slot No.x Size:	3" x 5/8" (3 x 16 mm)
Longitudinal travel (W/O power feed):	36-1/2" (927mm)
(With power feed):	33"(840mm)
Cross travel:	15" (380mm)
Travel of knee:	16" (406mm)
Ram travel:	18-7/8" (485mm)
Quill travel:	5-1/2" (140mm)
Table to spindle nose (D):	2.3"- 18.3" (60-466mm)
Over swivel on turret:	None
Head Swivel (R & L):	90°
Head tilt (UP & DOWN):	Option
Spindle to column (F):	7.5"-26.5" (190-675mm)
Spindle motor:	5HP, Inverter Motor (7.5HP Inverter Driver)
Spindle taper:	NST#40



MANFORD MACHINERY, INC.

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Quill feed:	0.0013" - 0.0027" - 0.0055"
Spindle Speed (r.p.m.):	(60Hz) 50-3600
Overall height (A):	93.11" (2365mm)
Overall depth (B):	81.9" (2080mm)
Overall width (C):	68.88" (1775mm)
Net Weight:	3740 lbs. (1700 Kgs)

Optional Accessory:

Align SP-500 Power feed for X:	\$ 500.00
Servo model 150 Power Feed X:	\$ 845.00
Servo model 150 Power Feed Y:	\$ 995.00
Align SP-500 Power feed for Y or Z:	\$ 600.00
Servo Turbo power feed on any axis	\$ 1150.00
Coolant system	\$ 400.00
Coolant tray (Base)	\$ 295.00
Quartz work light:	\$ 160.00
6" Angle-fixed milling vise:	\$ 360.00
Clamping kit (52 pcs):	\$ 95.00

DRO System:

Newall DP700 mill package, 3 Axis	\$ 2300.00
Newall DP700 mill package, 2 Axis	\$ 1700.00
FAGOR 20i M, LED Screen 2 Axis	\$ 1500.00
FAGOR 30i M, LED Screen 3 Axis	\$ 2100.00
FAGOR 40i TFT LCD Screen, 3 Axis	\$ 2500.00
Sino DRO system, 2 axis	\$ 1000.00
Acu-Rite VUE DRO, 2 axis	\$ 1395.00
Acu-Rite 200S DRO, 2 axis	\$ 1800.00
Acu-Rite 200S DRO, 3 axis with Quill scale	\$ 2320.00
Acu-Rite 200S DRO, 3 axis with knee scale	\$ 2550.00

Power Drawer bar:

Align Taiwanese power drawbar (NST#40)	\$ 700.00
MAXI TORQUE-RITE power drawbar (NST#40)	\$ 790.00
Kurt Mechanical Power Drawbar (NST#40)	\$ 800.00

F.O.B. : Ontario, CA

DELIVERY: Two months in general after receiving your confirmed P/O

STANDARD TERMS OF PAYMENT: As agreed

TAXES: Federal, State, Local Taxes are the responsibility of Purchaser.

VALIDITY: This proposal is valid for 60 days.

WARRANTY:

Two-year warranty for all mechanical and one-year for electrical components