



PRODUCTS

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TOPPER

HONOR

VERTICAL MACHINING CENTERS

40 taper machines | 50 taper machines

40 taper machines

- Meehanite cast iron frame and linear slide ways for fast, precise movement
- Preloaded double anchored ball screws
- Direct coupled ball screw to servo
- Rigid tapping standard
- 2 auger conveyors in Y axis for excellent chip flow
- Double arm tool changer for a 1.2 second tool change
- 3 layer mechanical seal and air blow curtain design for front spindle bearing to prevent coolant contamination
- Reinforced pull stud mechanism for better accuracy and lifetime of spindle bearings
- Optional coolant through the spindle



TMV-1050A

	TMV-850A	TMV-1050A	TMV-1100A
Work Area (in)	37.4 x 19.7	43.3 x 19.7	47.2 x 23.6
Load Capacity (lbs)	1100	1100	1760
Spindle Speed (rpm)	8000	8000	8000
Spindle Speed Opt. (rpm)	10000	10000	10000
X axis travel (in)	33.5	41.3	43.3
Y axis travel (in)	19.7	19.7	23.6
Z axis travel (in)	20.9	20.9	20.9
X axis rapid (ipm)	1181	1181	1181
Y axis rapid (ipm)	1181	1181	1181
Z axis rapid (ipm)	945	945	945
Tool capacity	24	24	24
Std. Spindle Motor (hp)	10	10	10
Opt. Spindle Motor (hp)	15 /20	15/20	15/20
Machine weight (lbs)	11000	12000	16500
Control	Fanuc OiM	Fanuc OiM	Fanuc OiM

50 taper machines

- 4 box way bed construction for heavy duty with high accuracy
- Preloaded double anchored ball screws
- Direct coupled ball screw to servo
- Rigid tapping standard
- 2 auger conveyors in Y axis for excellent chip flow
- 3 layer mechanical seal and air blow curtain design for front spindle bearing to prevent coolant contamination
- Reinforced pull stud mechanism for better accuracy and lifetime of spindle bearings
- Optional coolant through the spindle



TMV-1100A

	TMV-1100A	TMV-1500A	TMV-1600A
Work Area (in)	47.2 x 23.6	67 x 31.5	67 x 31.5
Load Capacity (lbs)	1760	4400	4400
Spindle Speed (rpm)	3500	4000	3500
Spindle Speed Opt. (rpm)	6000	6000	6000
X axis travel (in)	43.3	59	63
Y axis travel (in)	23.6	31.5	31.5
Z axis travel (in)	20.9	27.5	27.5
X axis rapid (ipm)	1181	590	590
Y axis rapid (ipm)	1181	590	590
Z axis rapid (ipm)	945	472	472
Tool capacity	24	24	24
Std. Spindle Motor (hp)	20	20	20
Machine weight (lbs)	17600	33000	33000
Control	Fanuc OiM	Fanuc OiM	Fanuc OiM

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