

MITSEKI

VM SERIES ***CNC Milling Centres***

***Powerful Machines, Simple User Friendly Programming
& Very Affordable Pricing***



***The complete range of MITSEKI VM Series CNC Milling Centres
are designed around a heavy duty frame with powerful spindle
motors and the ultimate in user friendly programming!***

CNC Machining Now Really Is As Easy As A..B..C!



**R O N M A C K
M A C H I N E R Y**

Your leading supplier of specialist metalwork & woodwork machinery.

MITSEIKI VM Series Specifications

		VM-14	VM-18	VM-20	VM-30	VM-35
Spindle						
Spindle nose taper		ISO 40	ISO 40	ISO 40	ISO40	ISO 40
Spindle speed	rpm	8000	10000	8000	8000	8000
Automatic tool changer						
Magazine capacity		16	16	20	24	24
Tool changer type		Carousel	Arm	Carousel	Arm	Arm
Tool holder type		BT40	BT40	BT40	BT40	BT40
Max tool diameter	mm	90	90	150	150	150
Max tool weight	kg	6	7	7	8	8
Table						
Table size overall	mm	760x360	760x360	1300x500	1950 x 600	762x2336
T slot (width x number)	mm	16 x 4 x 80	16 x 4 x 80	18 x 4 x 80	18 x 5	18
Table load capacity	kg	250	350	800	1500	1800
Table height	mm	860	860	860	810	
Movement						
X axis travel	mm	610	610	1000	1524	2000
Y axis travel	mm	360	455	500	740	889
Z axis travel	mm	510	510	570	680	710
Spindle nose to table	mm	110 - 620	110 - 620	80 - 650	60-740	100-810
Spindle center to column	mm	400	450	530	775	889
Ball screw						
Grade		C3	C3	C5	C5	C3
X axis (Dia*Pitch)	mm	32*P10	32*10	40*P12	40*P12	50*P10
Y axis (Pitch)	mm	32*P10	32*10	40*P12	40*P12	50*P10
Z axis (Pitch)	mm	32*P10	32*10	40*P12	40*P12	50*P10
Performance						
Positioning accuracy	mm	+/-0.005	+/-0.005	+/-0.007	+/-0.007	+/-0.007
Repeatability	mm	+/-0.004	+/-0.004	+/-0.005	+/-0.005	+/-0.005
Rapid traverse	mm/min	24000	24000	24000	24000	10000
Feed rate	mm/min	10000	10000	5000	5000	5000
Motors (Fagor system)						
Spindle motor	kw	5.5/7.7	5.5/7.7	7.5/11	11/15	11/15
X axis motor	kw	2.29	2.29	3.1	3.1	5.72
Y axis motor	kw	2.29	2.29	3.1	3.1	5.72
Z axis motor	kw	2.92	2.92	5.72	5.72	7.04
Coolant pump	HP	1/4	1/4	1/2	1/2	1/2
Machine dimensions						
Machine height	mm	2490	2490	2400	2550	2850
Floor space	mm	1850 x 1850	1850 x 1950	3000 x 3000	3500 x 1500	5750x2250
Machine weight	kg	2150	2180	5000	6000	7500

Specifications are subject to change at the manufacturers disccussion

Standard accessories

Fagor 8055, Fanuc or Siemens controls

Full spindle and axis servo motor package

Fagor service contract for 12 months, Siemens & Fanuc for 12 months

Full guarding on VM14, 18, 20 & 30, Table guarding on VM-35

Umbrella type ATC on VM-14 & 20, Arm type ATC on VM-18, 30 & 35

8000 rpm spindle speed (10,000 rpm for VM-18)

Telescopic way cover for Y & Z axis

Coolant system

Portable MPG for 3 axes

Pneumatic power draw bar

Work light

CE electric component

Automatic lubrication system

EMC Certification

1/2HP coolant pump

4th axis preparation

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