

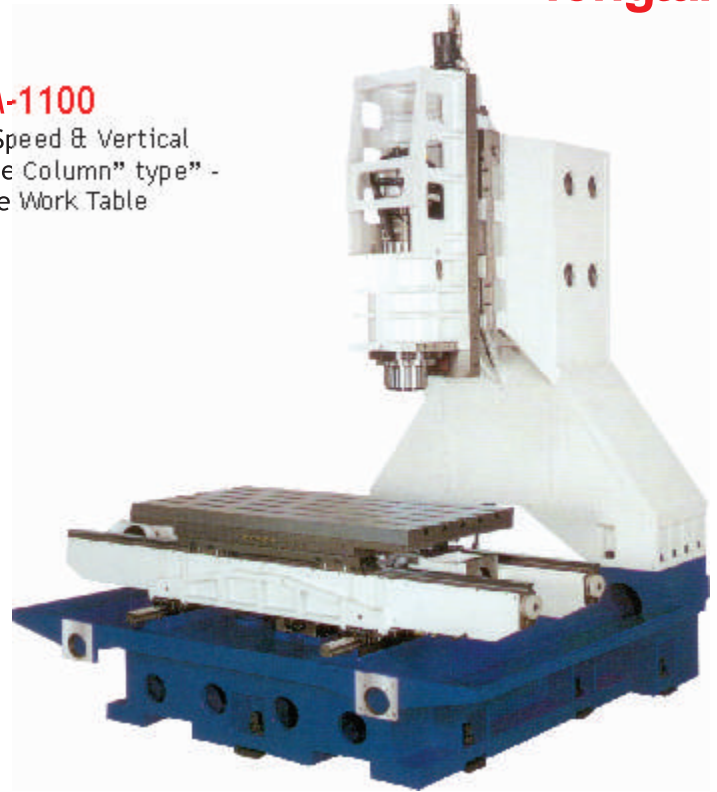
Machining Centers

MOLD & DIE MACHINING CENTERS



QVM-1100

High Speed & Vertical
"Single Column" type" -
"Large Work Table"



Specification

ITEM	SPECIFICATION	UNIT	MDV-812	QVM-1100
WORK TABLE	Working Table Area	mm	1300x800	1200x600
	Max Load Capacity	kg	200	500
	Table Height from Floor	mm	850	900
	T Type Groove	mm	18x100x7	18x100x5
SPINDLE	Spindle Speed	rpm	12000(20000 OPT)	12000(20000 OPT)
	Spindle Nose		7/24 Nose No.40(HSK-63A OPT)	7/24Nose No.40(IISK-63A OPT)
	Spindle Type		Built-in Spindle	Built-in Spindle
	Lubrication Style		High Grade Grease Lubrication (Special 20000rpm Oil Air Lubrication)	High Grade Grease Lubrication (Special 20000rpm Oil Air Lubrication)
STROKE	X/Y/Z Axis	mm	1200x800x500	1100x600x510
	Spindle Nose to Table	mm	150-650	150-600
	Positioning Accuracy		0.01/Full Stroke VDI 3441	0.01/Full Stroke VDI 3441
	Repeating Accuracy	mm	±0.003 VDI 3441	±0.003 VDI 3441
FEED	X/Y/Z Rapid Traverse Rate	m/min	30/30/30	10/10/10
	Cutting Feed Rate	m/min	10	10
ATC	Tool Shank		BT10/HSK-63A (OPT)	BT10/HSK-63A (OPT)
	Tool Pull-Stud		Mas-P40T-1(45°)(BT-Type)	Mas-P40T-1(45)(BT-Type)
	Tool Capacity		16/40 (OPT)	24
	Max Tool Diameter	mm	Φ125(16 Pcs Type)	Φ95 (No Adjacent Φ 125)
	Max Tool Length	mm	300	300
MOTOR	Max Tool Weight	kg	8	7
	Spindle Motor	kw	18.5/22 kw 12000rpm	18.5/22kw 12000rpm
	X/Y/Z Servo Motor	kw	7/7/7	3/4/7
MACHINE SIZE	Coolant Motor	kw	0.375x2	0.375
	Floor Space (WxL)	mm	3350x4387	2600x3050
	Height	mm	3366	3175
Power Supply	Net Weight	kgs	13000	9000
		KVA	40(12000 rpm) 55 (20000 rpm)	