



CADMECH



VMC 400

Sine O Mill

CIN: U29253PN2013PTC145909.
CADMech Engineering Pvt. Ltd.

TITLE	DESCRIPTION	UNIT	VMC - 400
STROKE / TRAVERSE	X Axis	mm	450
	Y Axis	mm	300
	Z Axis	mm	400
	Distance from spindle nose to table top	mm	50 - 450
	Traverse Screws	Type	Ball Screw
	Guide Ways	Type	LM Guide
TABLE	Table Size	mm	800 X 300
	No. of T Slots x Size x Pitch	nos. x mm x mm	5 x 17 x 49
	Max. Load on table	kgs	120
	Clamping Area	mm	680 x 250
SPINDLE	Spindle bore front dia		100
	Spindle bore taper	Type	BT 30/BT 40
	Spindle speed	rpm	60-6000
	Spindle Motor power (Cont./15mins.)	kW	3.7
FEED SYSTEM	Rapid traverse rate X & Y Axes	m/min	10 & 10
	Rapid traverse rate Z Axis	m/min	10
	Cutting feed rate X & Y	m/min	1 – 5000
	Cutting feed rate Z	m/min	1 – 5000
AUTOMATIC TOOL CHANGER	No. of tools	nos	12
	Tool shank	Type	BT 30/ BT 40
	Max. tool diameter with adjacent tool	mm	20
	Max. tool length	mm	125
	Max. tool weight	kg	7
	ATC Type		Electro Pneumatic Geneva Mechanism
	ATC Motor		3 phase
CNC SYSTEM	Controller	Type	Industrial
	Motors & Drives	Type	Servo
ACCURACY & INCREMENT	Positioning Accuracy	mm	0.01
	Repeatability	mm	± 0.005
	Resolution	mm	0.001
	Min. Input Increment	mm	0.001
MACHINE SIZE	Front x Side	mm	1500 x1700
	Machine weight (Approx)	kg	1200
POWER SUPPLY	Main Supply	Type	415 V, 3 Ph, 50Hz