



CAD-MECH

CIN: U29253PN2013PTC145909

VERTICAL MACHINING CENTER – VMC - 300

KEY FEATURES:



- Auto tool clamp –decamp
 - Counterweight for vertical milling head to avoid drop during power failure
 - Brake motor for vertical axis
 - LM guide ways and ball-screws for all axes
 - Centralized oil lubrication for guide ways and ball-screws
 - Metallic covers and telescopic covers for guide way protection
 - Machine lamp
 - Table guards
-



CAD-MECH

CIN: U29253PN2013PTC145909

TITLE	DESCRIPTION	UNIT	VMC -300
STROKE / TRAVERSE	X Axis	mm	400
	Y Axis	mm	300
	Z Axis	mm	300
	Distance from spindle nose to table top	mm	70 - 400
	Traverse Screws	Type	Ball Screw
	Guide Ways	Type	LM Guide
TABLE	Table Size	mm	650 X 350
	No. of T Slots x Size x Pitch	nos. x mm x mm	4 x 14 x 90
	Max. Load on table	kgs	120
	Clamping Area	mm	500 x 250
SPINDLE	Spindle bore taper	Type	BT 30
	Spindle speed	rpm	60 - 6000
	Spindle Motor power (Cont./15mins.)	kW	3.7 / 5.5
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 – 6000
	Cutting feed rate Z	m/min	1 – 5000
AUTOMATIC TOOL CHANGER	No. of tools	nos	12
	Tool shank	Type	BT 30
	Max. tool diameter with adjacent tool	mm	16
	Max. tool length	mm	200
	Max. tool weight	kg	3
	ATC Type		ARM LESS
CNC SYSTEM	Controller	Type	SIEMENS
	Motors & Drives	Type	SIEMENS 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 x 1700
	Machine weight (Approx)	kg	2500
POWER SUPPLY	Main Supply	Type	415 V, 3 Ph, 50 Hz