



BOX WAY VMC'S SPECIFICATIONS

MODEL		UNIT	VMC 650B	VMC 1000B	VMC 1200B	VMC 1500B
TRAVEL	X-axis	mm	650	1000	1200	1500
	Y-axis	mm	500	600	700	
	Z-axis	mm	500	650 (BT-50: 630)	650	
	Spindle centre to column	mm	530	598	705	730
	Spindle nose to table surface	mm	125~620	130~690	130~780	150~800
TABLE	Table (L x W)	mm	800 x 470	1100 x 500 (BT-50: 1100 x 600)	1300 x 700	1650 x 700
	T-slot (No. x Width)	mm	5 x 18 x 100			
	Max. table load	kg	500	700	1000	1400
MAX. TRAVERSE SPEED	X / Y / Z-axis	M/min	25 / 25 / 25	25 / 25 / 20	20 / 20 / 15	
ATC	Swing Arm type BT-40	T	24	24 / 30		
	Chain type BT-50 (Opt.)	T	N / A	32 / 40		
SPINDLE	Type-CAT/BT/DIN (Opt. HSK)		40	40 / 50		
	Motor (Other power options)	kW	5.5~7.5 (7.5~11)	7.5~11 (11~15)		11~15 (15~18.5)
	Direct-drive BT-40	rpm	10000 / 12000 / 15000			
	Belt-drive BT-40 (Opt.)	rpm	8000 / 10000 / 12000			
	Built-in spindle (Opt.)	rpm	20000 / 30000 (BT-40/ HSK-E40/50/63)		20000 (BT-40/ HSK-E63)	
	Belt-drive BT-50 (Opt.)	rpm	N / A	6000 / 8000		
	Direct-drive BT-50 (Opt.)	rpm	N / A	8000 / 10000		
MISCELLANEOUS	Power consumption	KVA	25	35		45
	Pneumatic supply	kg/cm ²	5.5~6.5			
	Coolant tank capacity	L	256	367	510	560
	Machine weight	kg	4800	6800	7800	11000
	Floor space requirement (LxW)	mm	2180 x 2040	2900 x 2090	3600 x 2244	4400 x 2244
	Floor space requirement (with conveyor) (LxW)	mm	3280 x 2040	3735 x 2090	4759 x 2244	4560 x 2244

STANDARD EQUIPMENT

- // 20 BAR CTS
- // BELT TYPE CHIP CONVEYOR
- // TOOL KIT
- // SPINDLE CHILLER
- // MECHANICAL OIL/COOLANT SEPARATOR
- // 3-COLOUR BEACON LIGHT
- // RIGID TAPPING
- // LED WORK LIGHT
- // LEVELLING BLOCKS & BOLTS
- // SPINDLE BEARING AIR PURGE
- // HEAT EXCHANGER FOR ELECTRICAL CABINET
- // AUTO INTERRUPT & POWER OFF SYSTEM (M30)
- // Z AXIS MOTOR WITH BRAKE SYSTEM
- // COOLANT PUMP
- // PORTABLE HAND WHEEL
- // GUIDEWAY COVERS (X,Y,Z)
- // SPINDLE COOLANT NOZZLE SYSTEM
- // CNC CONTROL MANUALS, OPERATION MANUAL, MAINTENANCE MANUAL
- // CENTRAL LUBRICATION SYSTEM
- // AUXILIARY COOLANT GUN
- // INSPECTION REPORT (DIGITAL FORMAT)
- // FULLY ENCLOSED MACHINING AREA
- // CUTTING AIR BLAST
- // WASH DOWN SYSTEM