

# BOX WAY VMC'S SPECIFICATIONS

MODEL		UNIT	VMC 1600B	VMC 1800B	VMC 2000B	VMC 2200B	VMC 2500B	
TRAVEL	X-axis	mm	1600	1800	2000	2200	2500	
	Y-axis	mm	700	900 (1000)				
	Z-axis	mm	650	900				900 (1000)
	Spindle centre to column	mm	730	1055				
	Spindle nose to table surface	mm	150~800	250~1150				
TABLE	Table (L x W)	mm	1750 x 700	1950 x 900	2150 x 900	2350 x 1000	2600 x 1000	
	T-slot (No. x Width)	mm	5 x 18 x 100	5 x 22 x 160				5 x 22 x 165
	Max. table load	kg	1500	2000			2500	
MAX. TRAVERSE SPEED	X / Y / Z-axis	M/min	20 / 20 / 15		15 / 15 / 12			
ATC	Swing Arm type BT-40	T	24 / 30					
	Chain type BT-50 (Opt.)	T	32 / 40		32 / 40 / 48			
SPINDLE	Type-CAT/BT/DIN (Opt. HSK)		40 / 50					
	Motor (Other power options)	kW	11~15 (15~18.5)	15~18.5 (18.5~22)				
	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)					
	Belt-drive BT-50 (Opt.)	rpm	6000 / 8000					
	Direct-drive BT-50 (Opt.)	rpm	8000 / 10000					
MISCELLANEOUS	Power consumption	KVA	45	55			60	
	Pneumatic supply	kg/cm <sup>2</sup>	5.5~6.5					
	Coolant tank capacity	L	560	650				
	Machine weight	kg	12000	20000	23000	27000	30000	
	Floor space requirement (LxW)	mm	4520 x 2244	4900 x 3312	5420 x 3475	5700 x 3500	6000 x 3700	
	Floor space requirement (with conveyor) (LxW)	mm	5680 x 2244	6058 x 3312	6578 x 3475	6900 x 3500	7300 x 3700	

## 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