

# Specifications

\*Opt.

BOX WAYS	VH510	VH610	VH850	VH1000	VH1100	VH1300	VH 1600	VH2000	VH2200
<b>TRAVEL</b>									
XYZ travel	510 / 410 / 460 mm	610 / 460 / 510 mm	850 / 510 / 560mm	1,020 / 510 / 560 mm	1,100 / 700 / 710 mm	1,300 / 700 / 710 mm	1,600 / 800 / 800 mm	2,000 / 900 / 800 mm	2,200 / 1,000 / 800 mm
XYZ ballscrews	C3 32 mm	C3 40 mm	C3 40 mm	C3 40 mm	C3 40 mm	C3 40 mm	C3 50 mm	C3 50 mm	C3 50 mm
Spindle nose to table surface	130-590 mm	130-640 mm	130-690 mm	130-690 mm	130-840 mm	130-840 mm	200-1,000 mm	200-1,000 mm	250-1,050 mm
Spindle center to column surface (guide way surface)	470 mm	535 mm	575 mm	575 mm	730 mm	730 mm	870 mm	870 mm	1,050 mm
<b>TABLE</b>									
Table size	600 x 370 mm	800 x 450 mm	1,000 x 500 mm	1,200 x 500 mm	1,300 x 650 mm	1,500 x 650 mm	1,800 x 840 mm	2,200 x 850 mm	2,400 x 1,000 mm
T-Slot (Size / Q'ty / Dist)	14 mm x 3 x 100 mm	18 mm x 3 x 100 mm	18 mm x 5 x 100 mm	18 mm x 5 x 100 mm	18 mm x 5 x 100 mm	18 mm x 5 x 100 mm	22 mm x 5 x 150 mm	22 mm x 5 x 150 mm	22 mm x 7 x 150 mm
Max. table load (Kgs)	300 Kgs	400 Kgs	750 Kgs	750 Kgs	1,000 Kgs	1,000 Kgs	2,200 Kgs	2,500 Kgs	3,000 Kgs
<b>SPINDLE</b>									
Taper	BT40	BT40	BT40	BT40	BT40	BT40	BT40	BT40	BT50
Speed	8,000 RPM	8,000 RPM	8,000 RPM	8,000 RPM	8,000 RPM	8,000 RPM	8,000 RPM	8,000 RPM	8,000 RPM
Transmission	Belt	Belt	Belt	Belt	Belt	Belt	Belt	Belt	Gear Head
<b>FEED RATE</b>									
Rapid feed rate of XYZ Axes	24 / 24 / 16 M/min	24 / 24 / 16 M/min	24 / 24 / 16 M/min	24 / 24 / 16 M/min	24 / 24 / 15 M/min	24 / 24 / 15 M/min	15 / 15 / 12 M/min	15 / 15 / 12 M/min	15 / 15 / 12 M/min
Cutting feed rate	1-10 M/min	1-10 M/min	1-10 M/min	1-10 M/min	1-10 M/min	1-10 M/min	1-10 M/min	1-10 M/min	1-10 M/min
<b>AUTOMATIC TOOL CHANGER</b>									
Tool storage capacity	Armless 12 (*Armless 20 / Arm 20)	Armless 16 (*Armless 20 / Arm 20)	Arm 24 (*Chain 32)	Arm 24 (*Chain 32)	Arm 24 (*Chain 32)	Arm 24 (*Chain 32)	Arm 24 (*Chain 32)	Arm 24 (*Chain 32)	Arm 24 (*Chain 32)
Max. tool diameter	Full: 100mm Next empty: 150mm	Full: 90mm Next empty: 180mm	Full: 80mm Next empty: 150mm	Full: 80mm Next empty: 150mm	Full: 80mm Next empty: 150mm	Full: 80mm Next empty: 150mm	Full: 80mm Next empty: 150mm	Full: 80mm Next empty: 150mm	Full: 125mm Next empty: 200mm
Max. tool length	200mm	200mm	300mm (*Chain: 350mm)	300mm (*Chain: 350mm)	300mm (*Chain: 350mm)	300mm (*Chain: 350mm)	300mm (*Chain: 350mm)	300mm (*Chain: 350mm)	300mm (*Chain: 400mm)
Max. tool weight	6Kgs	6Kgs	7Kgs	7Kgs	7Kgs	7Kgs	7Kgs	7Kgs	15Kgs
<b>CNC CONTROL &amp; MOTOR</b>									
CNC control	MITSUBISHI (* FANUC / SIEMENS / HEIDENHAIN )								
Spindle motor	5.5 / 7.5 KW (10HP)	5.5 / 7.5 KW (10HP)	5.5 / 7.5 KW (10HP)	5.5 / 7.5 KW (10HP)	7.5 / 11 KW (15HP)	7.5 / 11 KW (15HP)	11 / 15 KW (20HP)	11 / 15 KW (20HP)	12 / 15 KW (20HP)
<b>GENERAL SPECIFICATIONS</b>									
Coolant tank capacity(L)	180 L	200 L	230 L	230 L	270 L	270 L	300 L	300 L	590 L
Air source	6 Kg/cm <sup>2</sup>	6 Kg/cm <sup>2</sup>	6Kg / cm <sup>2</sup>	6 Kg/cm <sup>2</sup>	6 Kg/cm <sup>2</sup>	6 Kg/cm <sup>2</sup>	6 Kg/cm <sup>2</sup>	6 Kg/cm <sup>2</sup>	6 Kg/cm <sup>2</sup>
Power supply	12 KVA	15 KVA	15 KVA	15 KVA	20 KVA	20 KVA	35 KVA	35 KVA	35 KVA
<b>MACHINE SIZE</b>									
Machine dimensions (LxWxH)	2,000 x 2,305 x 2,460 mm	2,160 x 2,435 x 2,550 mm	2,900 x 2,420 x 2,850 mm	2,900 x 2,420 x 2,850 mm	3,200 x 2,825 x 3,080 mm	3,200 x 2,825 x 3,080 mm	4,400 x 3,300 x 3,300 mm	5,500 x 3,435 x 3,310 mm	6,130 x 4,200 x 3,661 mm
Machine net weight (approx.)	2,800 KGS	3,800 KGS	5,000 KGS	5,200 KGS	9,000 KGS	9,200 KGS	14 500 KGS	16 000 KGS	14,500 KGS

The mentioned specifications & dimensions are subject to change without notice.