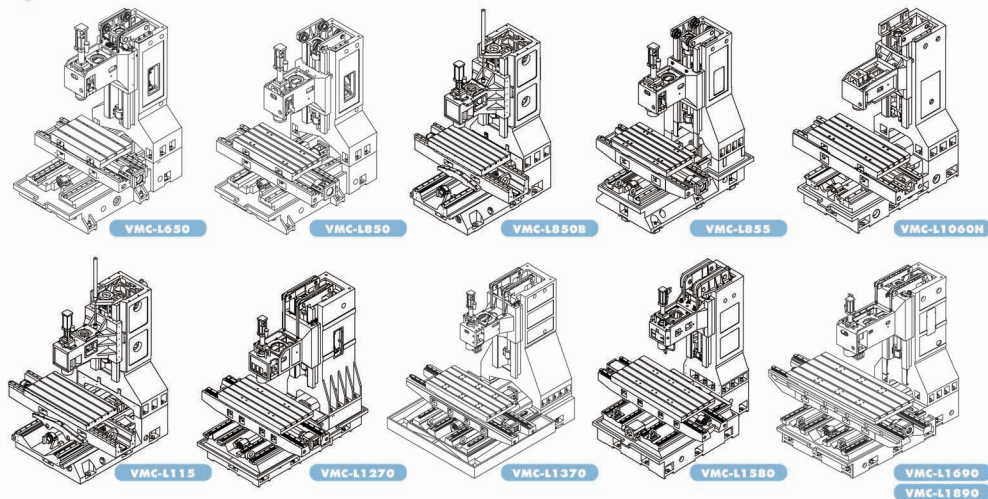


X/Y AXIS LINEAR SLIDeways & Z AXIS BOX FRICTION SLIDeways TYPE



SPECIFICATION	VMC-L650	VMC-L850	VMC-L850B	VMC-L855	VMC-L1060N	VMC-L115	VMC-L1270	VMC-L1370	VMC-L1580	VMC-L1690	VMC-L1890
Table Size(WxL)	500x800mm	500x1000mm	550x1050mm	520x1000mm	600x1300mm	600x1200mm	700x1360mm	700x1500mm	800x1700mm	900x1800mm	900x2000mm
T-Slot(No-size/distance)	3-18/144mm	5-18/90mm	5-18/100mm	5-18/100mm	5-18/100mm	5-18/125mm	5-18/122mm	5-18/135mm	5-22/140mm	5-22/165mm	5-22/165mm
Table Load capacity	350kg	450kg	450kg	500kg	800kg	800kg	1000kg	1000kg	1500kg	1600kg	1600kg
Travel	X axis	600mm	800mm	800mm	1000mm	1100mm	1200mm	1300mm	1500mm	1600mm	1800mm
	Y axis	500mm	500mm	600mm	550mm	600mm	550mm	700mm	800mm	900mm	900mm
	Z axis	500mm	500mm	500mm	700mm	600mm	550mm	700mm	700mm	600mm	600mm
Spindle Nose to Column Slideway	560mm	560mm	600mm	600mm	660mm	700mm	785mm	87-687mm	810mm	950mm	950mm
Spindle Nose to Table Surface	110-610mm	110-610mm	165-665mm	110-810mm	70-670mm	160-710mm	87-687mm	190-890mm	130-830mm	160-760mm	160-760mm
Spindle Taper/Outside dia.	BT40/130mm	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT50/155mm	BT50/155mm	BT50/190mm	BT50/190mm	BT50/190mm
Spindle Drive Style	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive
Spindle Speed	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm
Spindle Motors Recommended	5.5kw	7.5kw	5.5-7.5kw	5.5-7.5kw	7.5kw	11-15kw	11-15kw	11-15kw	7.5-15kw	15-18.5kw	15-18.5kw
	X axis	4012	4012	4012	4012	4012	5010	5010	5010	5512	5512
	Y axis	4012	4012	4012	4012	4012	4012	4012	4012	4012	4012
Ball Screw Spec.	X axis	4012	4012	4012	4012	4012	4012	4012	4012	4012	4012
	Y axis	4012	4012	4012	4012	4012	4012	4012	4012	4012	4012
	Z axis	4012	4012	4012	4012	4012	4012	4012	4012	4012	4012
X/Y/Z axis linear Slideways Spec.	35/35	35/45	45/45	35/45	45/55	35/45	55/45	45/45	55/45	55/45	55/45
X/Y/Z axis Drive System	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive
X/Y/Z axis Drive Motors Recommended	8/10/10Nn	8/10/10Nn	14/16/16Nn	10/12/12Nn	12/16/16Nn	16/16/16Nn	16/16/20Nn	16/16/20Nn	24/26/26Nn	24/30/30Nn	26/30/30Nn
Net Weight	4000kg	4500kg	4500kg	4500kg	5000kg	6000kg	7500kg	8500kg	10000kg	10500kg	11000kg
Column Type	Δ Shape	Δ Shape	Δ Shape	Δ Shape	Δ Shape	Δ Shape	Δ Shape	Δ Shape	Δ Shape	Δ Shape	Δ Shape
Y axis Drive Motor Location	Back	Back	Back	Back	Back	Back	Back	Back	Front	Back	Back

Main Feature & Standard Equipment:

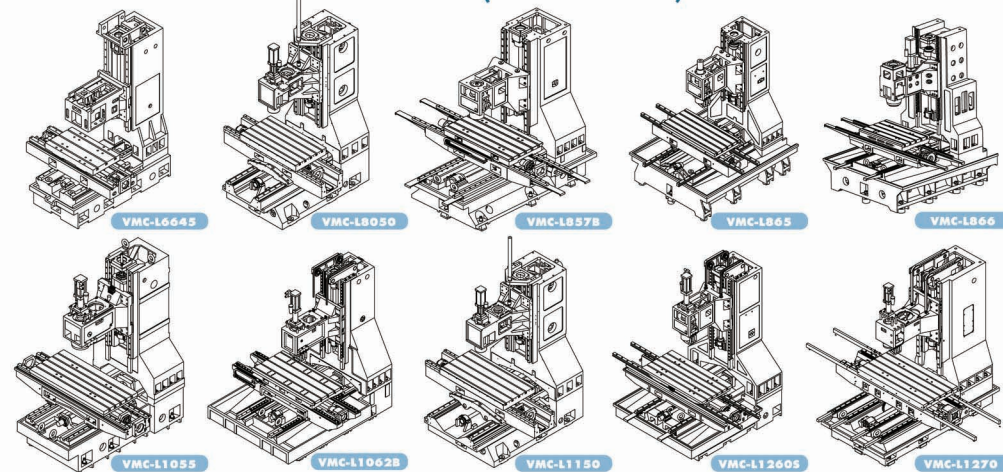
- 1) High-class casting processed by Resin sand and wood pattern
- 2) Top class imported Ball screws and nut set (PMI, HIWIN, etc.) and Bearing (FAG, NSK, NTN, etc.)
- 3) Imported Linear Slideways (PMI, HIWIN, INA, THK, etc.)
- 4) Imported Spindle & Tool clamping system (Royal, Posi, Taida, Sprintree, etc.)
- 5) Imported drive connectors (R+W)
- 6) Stainless steel Telescopic protection on X/Y/Z axis (Keyarrow, etc.)
- 7) Central Automatic lubrication system
- 8) Coolant System
- 9) Z axis Harden & ground on all slideways and Turcite-B coated with precise scraping.
- 10) Block type or hydraulic with Nitrogen tank counter balance system
- 11) High quality painting (Color can be special made according to order)
- 12) Model "N" with Auger Type chip conveyor groove ready.



Optional Choose:

- 1) Spindle speed optional: 10000rpm, 12000rpm, 15000rpm
- 2) Direct drive structure for Main motor with Spindle
- 3) Central Oil coolant for the Spindle
- 4) Coolant through Spindle (CTS)
- 5) ATC: Drum type, Arm Type or Chain Type
- 6) For model bigger than VMC-L1060N, Gear type headstock (4000rpm; 2 shifts H/L:1.0:87/1.0:21)
- 7) For model bigger than VMC-L1270, short nose spindle (BT-50/190mm/8000rpm)
- 8) Chip Conveyor
- 9) Outside Guarding: Standard or special made according to client's design
- 10) CNC Pre-installed for clients: Full Ready package delivery according to client's design.

3 AXIS THREE AXIS LINEAR SLIDE WAY TYPE (COMMON SERIES)



SPECIFICATION	VMC-L6645	VMC-L8050	VMC-L857B	VMC-L865	VMC-L866	VMC-L1055	VMC-L1062B	VMC-L1150	VMC-L1260S	VMC-L1270
Table Size(WxL)	450x800mm	550x1000mm	530x1000mm	500x1050mm	550x900mm	550x1200mm	620x1200mm	600x1200mm	600x1300mm	700x1360mm
T-Slot(No-size/distance)	3-18/150mm	5-18/100mm	5-18/100mm	5-18/100mm	5-18/110mm	5-18/90mm	5-18/125mm	5-18/125mm	5-18/100mm	5-18/122mm
Table Load capacity	350kg	600kg	600kg	600kg	600kg	600kg	1000kg	800kg	800kg	1000kg
Travel	X axis	660mm	800mm	800mm	800mm	1000mm	1000mm	1100mm	1200mm	1200mm
	Y axis	450mm	500mm	500mm	600mm	550mm	600mm	550mm	600mm	700mm
	Z axis	500mm	500mm	500mm	600mm	500mm	600mm	410mm	550mm	600mm
Spindle Nose to Column Slideway	508mm	599mm	575mm	600mm	658mm	590mm	699mm	668mm	645mm	740mm
Spindle Nose to Table Surface	80-580mm	160-640mm	160-860mm	185-685mm	120-720mm	115-715mm	120-730mm	160-710mm	175-775mm	180-880mm
Spindle Taper/Outside dia.	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT40/150mm	BT50/155mm
Spindle Drive Style	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive
Spindle Speed	8000rpm	8000rpm	8000rpm	8000rpm	10000rpm	8000rpm	8000rpm	8000rpm	8000rpm	8000rpm
Spindle Motors Recommended	5.5kw	7.5kw	7.5kw	7.5kw	7.5kw	7.5kw	7.5-11kw	7.5-11kw	7.5-11kw	11-15kw
Ball Screw Spec.	X axis	4012	4516	4012	4016	4016	4012	4516	4012	5010
	Y axis	4012	4516	4012	4016	4016	4012	4516	4012	5010
	Z axis	4012	4516	4012	4016	4016	4012	4516	4012	5010
X/Y/Z axis linear Slideways Spec.	X axis	HGH45HC	MSR35E	MSA35E	MSA45E	RWU35 (roller)	MSA35L	LRXD45(Roller)	MSA45E	MSA55E
	Y axis	HGH45HA	MSR45A	MSA35A	MSA45A	RWU35 (roller)	MSA35L	LRXD45(Roller)	MSA45A	4xMSA45A
	Z axis	HGH45HA	MSR35A	MSA35A	MSA45A	RWU35 (roller)	MSA35L	LRXD45(Roller)	MSA35A	45(Roller)
X/Y/Z axis Drive System	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive
X/Y/Z axis Drive Motors Recommended	8/10/10Nn	10/12/12Nn	14/16/16Nn	14/16/16Nn	14/16/16Nn	10/10/12Nn	12/12/12Nn	16/16/16Nn	14/16/32Nn	16/16/16Nn
X/Y/Z axis Rapid Feedrate	X/Y axis	36m/min	36m/min	36m/min	48m/min	48m/min	48m/min	36m/min	36m/min	30m/min
Net Weight	Z axis	36m/min	36m/min	36m/min	48m/min	48m/min	48m/min	36m/min	36m/min	30m/min
	Column Type	4000kg	5000kg	4500kg	4300kg	4800kg	4500kg	6000kg	6800kg	7500kg
Y axis Drive Motor Location	Back	Back	Back	Back	Back	Back	Back	Back	Back	Back

Main Feature & Standard Equipment:

- 1) High-class casting processed by Resin sand and wood pattern
- 2) Top class imported Ball screws and nut set (PMI, HIWIN, etc.) and Bearing (FAG, NSK, NTN, etc.)
- 3) Imported Linear Slideways (PMI, HIWIN, INA, THK, etc.)
- 4) Imported Spindle & Tool clamping system (Royal, Posi, Taida, Sprintree, etc.)
- 5) Imported drive connectors (R+W)
- 6) Stainless steel Telescopic protection on X/Y/Z axis (Keyarrow, etc.)
- 7) Central Automatic lubrication system
- 8) Coolant System
- 9) Common VMC Series: Block type or hydraulic with Nitrogen tank counter balance system
- 10) High quality painting (Color can be special made according to order)

Optional Choose:

- 1) Common VMC Series: Spindle speed optional: 10000rpm, 12000rpm, 15000rpm
- 2) Direct drive structure for Main motor with Spindle
- 3) Central Oil coolant for the Spindle
- 4) Coolant through Spindle (CTS)
- 5) ATC: Drum type, Arm Type or Chain Type (For TD series it is standard equipped)
- 6) Chip Conveyor
- 7) Outside Guarding: Standard or special made according to client's design
- 8) CNC Pre-installed for clients: Full Ready package delivery according to client's design.

