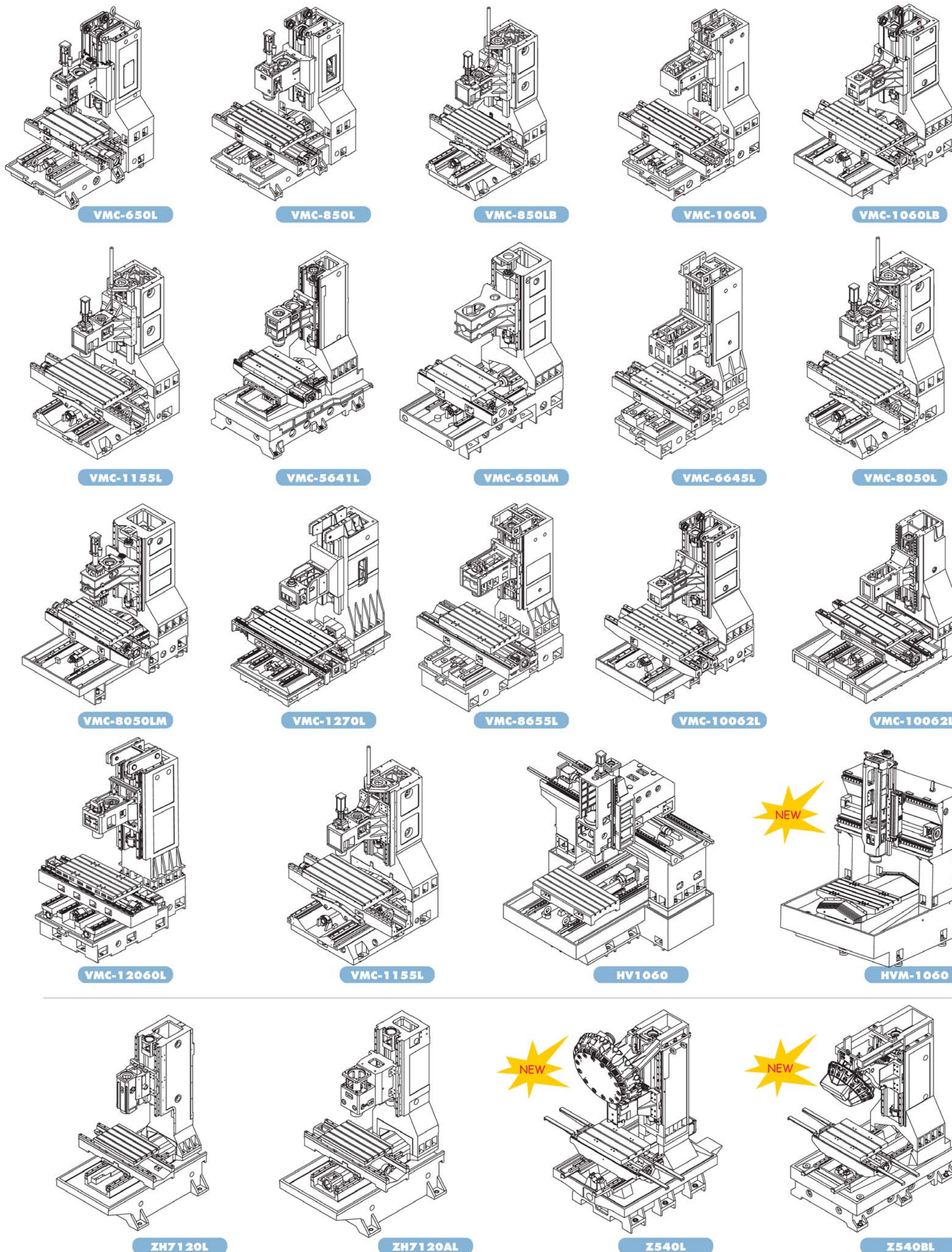


LINEAR SLIDEWAY TYPE



VMC SERIES LINEAR SLIDEWAY TYPE VERTICAL MACHINE CENTER FRAMES

X & Y axis Linear Slideways and Z axis Box way Type

unit:mm

SPECIFICATION	VMC-650L	VMC-850L	VMC-850LB	VMC-1060L (VMC-1060LB)	VMC-1155L	VMC-1270L	HVM-1060
Table Size	500x800	500x1000	550x1000	600x1300	600x1200	700x1360	1120x600
Travel	X 600	800	800	1000	1100	1200	1050
	Y 500	500	500	600	550	700	600
	Z 500	500	500	600	550	600	550
Spindle to Column Guideway	560	560	599	655 (660)	699	785	NEW
Spindle Nose to Table Surface	110-610	11-610	160-660	70-670	160-710	87-687	125-675
T-Solt(QTY /size/distance)	3/18/144	5/18/90	5/18/100	5/18/100	5/18/125	5/18/122	5/18/100
Spindle Taper hole/outside dia	BT40/130	BT40/150	BT40/150	BT40/150	BT40/150	BT50/155	BBT40
Spindle Speed (rpm)	8000	8000	8000	8000	8000/10000	8000	15000
X,Y axis Ball Screw Spec.	40/12	40/12	45/16	40/12	45/16	50/10	50/20
Z axis Ball Screw Spec.	40/12	40/12	45/12	40/12	45/10	50/10	40/12
X,Y & Z Motor Connection	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct/Direct/Belt
Spindle motors recommended (Kw)	5.5	7.5	7.5	7.5	7.5-15	11-15	12
Drive motors recommended X/Y/Z	8/10/10Nm	10/12/12Nm	16/16/16Nm	12/16/16Nm	16/16/16Nm	16/16/16Nm	27/27/16Nm
Table Work Load (Kg)	350	450	600	800	800	1000	660
Net Weight (Kg)	4500	4500	5000	6500 (5000)	6000	7500	7600
Remarks	"A"Shape Column "A"Shape Column "A"Shape Column "A"Shape Column "A"Shape Column "A"Shape Column High speed machine						

Drilling and Tapping Machine Center

SPECIFICATION	Z540L(Z540BL)	ZH7120L(ZH7120AL)
Table Size	400x600	400x630
Travel	X 510	550
	Y 400	400
	Z 300	340
Spindle Center to Column	400(450)	400
Spindle Nose to table surface	155-455	80-420(150-530)
T-solt(QTY/size/distance)	3/14/100	5/14/80
Spindle Taper/outside dia	BT30/φ100	BT30/φ120(BT30/φ110)
Spindle Speed	12000rpm	8000rpm
X, Y axis Ball Screw Spec.	25/16	32/16
Z axis Ball Screw Spec.	36/16	32/16
X, Y slideways Spec.	HGH25CA	LGW30CB
Z slideways Spec.	HGH30CA	LGH30A
X,Y&Z Motor Connection	Direct	Direct
Spindle motor recommended	5.5Kw	5.5Kw
Drive motors recommended X/Y/Z	8/10/10Nm	8/10/10Nm
ATC capacity	14T (16T)	
Table Work Load	250Kg	350Kg
Net Weight	1800Kg(2200Kg)	2800Kg

X, Y & Z axis Liner Slideways Type

SPECIFICATION	HV1060	VMC-5641L	VMC-6645L	VMC-6050LM	VMC-8050L	VMC-8050LM	VMC-8655L	VMC-10062L	VMC-10062LB	VMC-11050L	VMC-12060L
Table Size	600x1200	420x700	450x800	450x700	550x1000	500x1000	550x1000	600x1300	620x1200	600x1200	600x1300
Travel	X 1000	560	660	650	800	850	860	1000	1000	1100	1200
	Y 600	410	450	400	500	500	550	620	620	550	600
	Z 500	450	500	460	500	550	500	600	610	550	700
Spindle to Column Guideway		453	508	500	599	592	600	660	668	699	670
Spindle Nose to Table Surface	150-650	110-560	80-580	150-610	160-660	150-700	130-630	70-670	120-730	160-710	160-860
T-Solt(QTY /size/distance)	5/18/105	3/14/100	3/18/150	3/14/150	5/18/100	5/18/100	5/18/100	5/18/100	5/18/130	5/18/125	5/22/107.5
Spindle Taper hole/outside dia	BT40/150	BT40/130	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150
Spindle Speed (rpm)	15000	8000	8000	8000	8000	8000	8000	8000	8000	8000/10000	8000
X,Y axis Ball Screw Spec.	45/16	32/16	40/12	32/16	45/16	40/12	40/12	40/12	40/12	45/16	50/10
Z axis Ball Screw Spec.	50/12	32/16	40/12	36/16	45/12	40/12	40/12	40/12	40/12	45/12	50/10
X,Y & Z Motor Connection	Direct	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive
Spindle motors recommended (Kw)	18.5Kw	5.5	5.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5-15	11
Drive motors recommended X/Y/Z	26/26/36Nm	8/10/10Nm	8/10/10Nm	8/10/10Nm	10/12/12Nm	16/16/16Nm	10/12/12Nm	12/16/16	12/16/16Nm	16/16/16Nm	16/16/16Nm
Table Work Load (Kg)	850Kg	300	350	350	600	600	600	800	1000	800	1000
Net Weight (Kg)	8500Kg	3000	4000	4500	5000	5000	5500	5500	6000	6000	7500
X,Y slideways Spec.	RUE 45 DL	MSA30S2	HGH45HA	HGH30CA	MSA35E/MSA45A	HGH45H	HGH45H	MSA45LA/MSA55LA	LRXD45	MSA35E/MSA45A	HGH55HC/HGH45HA
Z slideways Spec.	RUE 45 DHL	MSA30S2	HGH45HA	HGH30CA	MSA35A	HGH55H	HGH35C	MSA55LA	LRXD45	MSA35A	HGH65HA
Remarks	High speed machine	"A"Shape Column		"A"Shape Column	"A"Shape Column	"A"Shape Column		"A"Shape Column	"A"Shape Column	"A"Shape Column	"A"Shape Column

Machine Feature:

- 1) High-class casting by Resin sand and wood Mould
- 2) Top class imported Ball screws sets and Bearing
- 3) Imported Spindle & Tool clamping system
- 4) Imported drive connectors
- 5) Stainless steel Telescopic protection on X/Y/Z axis
- 6) Central lubrication system
- 7) Coolant system
- 8) Top class imported linear slideways

Optional Choose:

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

