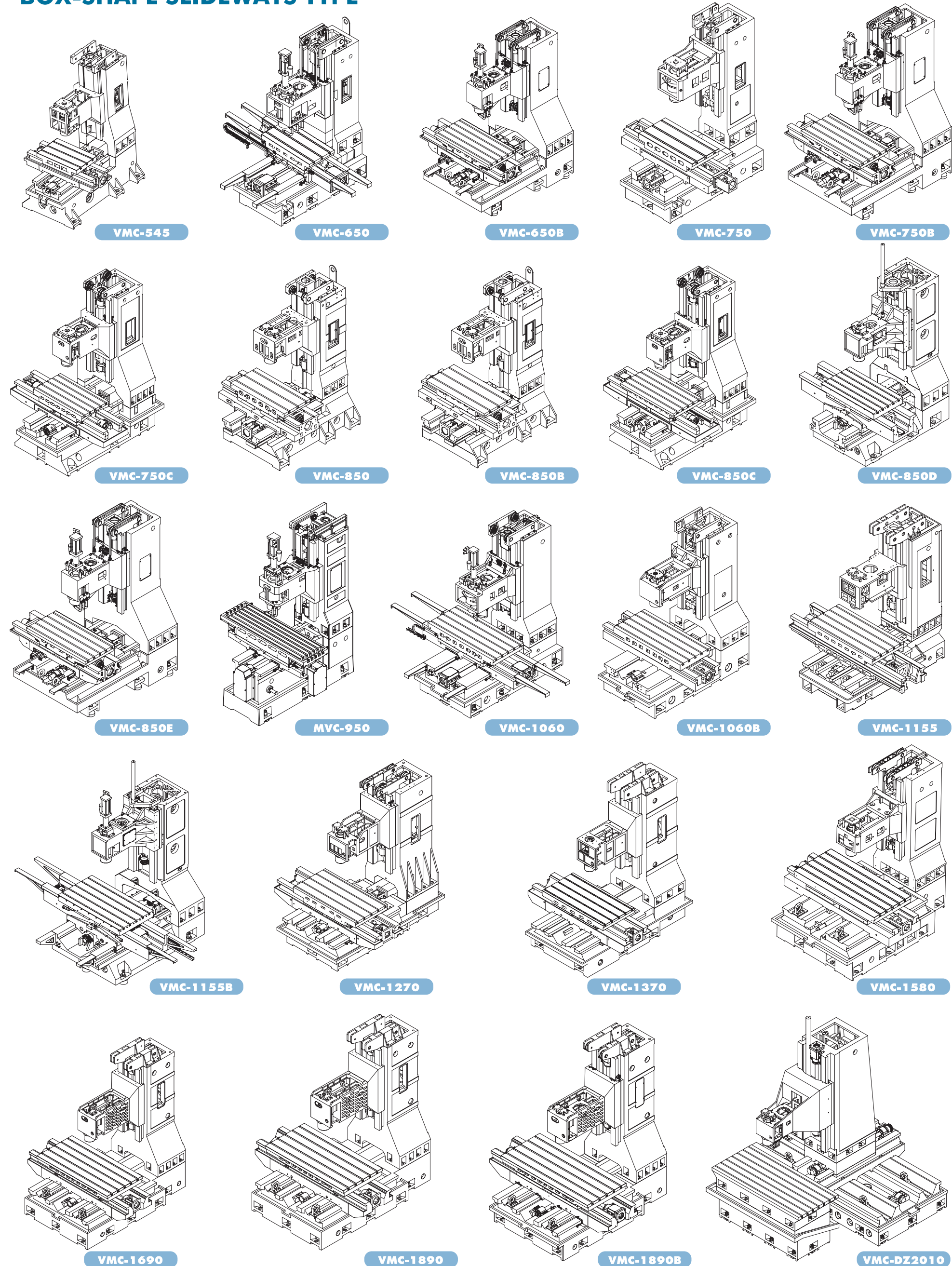


BOX-SHAPE SLIDEWAYS TYPE



VMC SERIES BOX-SHAPE SLIDEWAYS TYPE VERTICAL MACHINE CENTER FRAMES

unit:mm										
SPECIFICATION	VMC-545	VMC-650	VMC-650B	VMC-750	VMC-750B	VMC-750C	VMC-850	VMC-850B	VMC-850C	VMC-850D
Table Size	380x620	420x800	420x800	450x900	450x900	500x900	460x950	500x1050	530x1000	550x1000
Travel	X	500	650	600	750	700	750	800	800	800
	Y	400	400	500	450	500	500	500	500	500
	Z	455	480	500	500	500	700	550	550	500
Spindle to Column Slideway	460	480	540	520	540	575	550	550	575	600
Spindle Nose to Table Surface	45-500	80-560	105-605	180-680	105-605	110-810	105-655	105-655	110-810	160-660
T-Solt(QTY /size/distance)	3/16/110	3/18/135	5/18/80	3/18/150	5/18/85	5/18/100	3/18/150	3/18/150	5/18/100	5/18/100
Spindle Taper hole/outside dia	BT30/120	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150
Spindle Speed (rpm)	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
X,Y axis Ball Screw Spec.	32/05	32/06	40/10	40/10	40/10	40/10	40/10	40/10	40/10	45/16
Z axis Ball Screw Spec.	32/05	32/06	40/10	40/10	40/10	40/10	40/10	40/10	40/10	45/12
X,Y & Z Motor Connection	Direct drive	Direct drive	Direct	Direct drive	Direct	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive
Spindle Motors Recommended (Kw)	3.5	5.5	5.5	5.5-7.5	5.5-7.5	5.5-7.5	5.5-7.5	5.5-7.5	5.5-7.5	7.5-15
Drive Motors Recommended X/Y/Z	6/6/6Nm	8/10/10Nm	8/10/10	10/12/12Nm	10/12/12	10/12/12Nm	10/12/12Nm	10/12/12Nm	10/12/12Nm	16/16/16Nm
Table Work Load (Kg)	250	600	600	600	600	600	600	600	600	800
Net Weight (Kg)	2500	3000	3000	3500	3000	4500	3300	3300	4500	5000
Remarks	" ^ "Shape Column		" ^ "Shape Column		" ^ "Shape Column	" ^ "Shape Column			" ^ "Shape Column	" ^ "Shape Column

SPECIFICATION	VMC-850E	MVC-950	VMC-1060	VMC-1060B	VMC-1155	VMC-1155B	VMC-1270
Table Size	500x1000	405x1370	600x1300	600x1300	580x1200	600x1200	700x1360
Travel	X	800	900	1000	1000	1100	1200
	Y	500	500	600	600	550	700
	Z	600	550	600	600	550	600
Spindle to Column Slideway	580	515	600	655	610	700	785
Spindle Nose to Table Surface	105-705	80-630	180-780	180-780	150-750	160-710	150-750
T-Solt(QTY /size/distance)	5/18/100	5/18/60	5/18/120	5/18/120	5/18/120	5/18/125	5/18/152.5
Spindle Taper hole/outside dia	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT40/150	BT50/155
Spindle Speed (rpm)	8000	8000	8000	8000	8000	8000	8000
X,Y axis Ball Screw Spec.	40/10	32/05	40/10	40/10	40/10	45/16	50/10
Z axis Ball Screw Spec.	40/10	32/05	40/10	40/10	40/10	45/12	50/10
X,Y & Z Motor Connection	Direct	Bell drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive
Spindle Motors Recommended (Kw)	5.5-7.5	5.5	7.5-11	7.5-11	7.5-11	7.5-15	11-15
Drive Motors Recommended X/Y/Z	10/12/12	6/6/6Nm	14/16/16Nm	14/16/16Nm	12/16/16Nm	16/16/16Nm	16/20/20Nm
Table Work Load (Kg)	800	600	800	800	800	1000	1000
Net Weight (Kg)	3500	3000	5500	5800	5500	6000	7500
Remarks	" ^ "Shape Column			" ^ "Shape Column		" ^ "Shape Column"	" ^ "Shape Column

SPECIFICATION	VMC-1370	VMC-1580	VMC-1690	VMC-1890	VMC-1890B	VMC-DZ2010
Table Size	710x1400	800x1700	900x1800	900x2000	900x2000	1000x2200
Travel	X	1300	1500	1600	1800	2200
	Y	700	800	900	900	1000
	Z	650	700	680	680	1100
Spindle to Column Slideway	785	800	950	950	950	1100
Spindle Nose to Table Surface	150-800	170-870	160-840	160-840	160-960	300-1400
T-Solt(QTY /size/distance)	5/18/152.5	5/22/135	5/22/165	5/22/165	5/22/165	7/22/140
Spindle Taper hole/outside dia	BT50/155	BT50/155	BT50/190	BT50/190	BT50/190	BT50/190
Spindle Speed (rpm)	8000	8000	8000	8000	8000	8000
X,Y axis Ball Screw Spec.	50/10	63/10	55/08	55/08	55/08	63/16
Z axis Ball Screw Spec.	50/10	50/10	55/08	55/08	55/08	55/12
X,Y & Z Motor Connection	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Bell drive (XY) Direct drive (Z)
Spindle motors recommended (Kw)	11-15	15	15-18.5	15-18.5	15-18.5	15-18.5
Drive motors recommended X/Y/Z	16/20/20Nm	24/26/26Nm	24/30/30Nm	26/30/30Nm	26/30/30Nm	40/30/30Nm
Table Work Load (Kg)	1000	1500	1600	1600	1600	5000
Net Weight (Kg)	8000	10000	10500	10500	11000	16000
Remarks	" ^ "Shape Column		" ^ "Shape Column	" ^ "Shape Column	" ^ "Shape Column	Moving 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) Harden & ground on all slideways and Turcite-B coated with precise scraping.

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 according to client's design
- 7) Chip Conveyor
- 8) CNC Pre-installed for clients: whole Full Ready package delivery according to client's design.

