

SMARTTECH

QUALITY MACHINE

- **S**uperior
- **M**anufacturing
- **A**pproving
- **R**eliability
- **T**echnology
- **E**xperience
- **C**ompetitive
- **H**onest

HEAD OFFICE **SMARTTECH QUALITY MACHINE CO., LTD.**

Add: Flat 2B, Block 31, Goldenfield Sea-View Garden, Xinzhou Road-S,
Futian District, Shenzhen 518048, Guangdong, China
Tel: +86-755-83472116 Fax: +86-755-83472096
E-mail: smartech@vip.sohu.com or walson_zheng@163.net

MANUFACTURE FACTORY BASE **SMARTTECH PRECISION MACHINE MANUFACTURING CO., LTD.**

Add: Kunyang Town, Jinning County, Kunming 650604, Yunnan, China
Tel: +86-871-7883900 Fax: +86-871-7883338
Http://www.zzsmartech.en.alibaba.com
Http://www.zzsmartech.com

With the improving technology we reserve the right to modify the specification indicated in this catalogue without previous notice

SMARTTECH

QUALITY MACHINE

VERTICAL MACHINING CENTER



SMARTTECH QUALITY MACHINE CO., LTD.

VMC-540
VMC-650



SPECIFICATION			VMC-540	VMC-650
Working Range				
Travel	X/Y/Z	mm	500/400/500	650/400/480
Spindle Nose to Table Surface		mm	35-535	80-560
Spindle to Column Slideway		mm	450	480
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	12000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	380 x 620	420 x 800
Table Working Load		kg	400	600
T-Solt(Noxsize/distance)		mm	5x16/70	3x18/135
Spindle				
Max Spindle Speed		rpm	8000	
Spindle Taper/outside dia		mm	BT30/120	BT40/150
Motors				
Main Motor		Kw	3.7/5.5	5.5/7.5
Drive Motors Torque	X/Y/Z	Nm	8/8/8	12/12/12
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	3200	4500
Floor Space	L/W/H	mm	2100x1950x2200	2340x2270x2250

MVC-950



SPECIFICATION			MVC-950
Working Range			
Travel	X/Y/Z	mm	920/500/550
Spindle Nose to Table Surface		mm	80-630
Spindle to Column Slideway		mm	515
Feed Rate			
Max X/Y/Z Rapid Feed rate		mm/min	18000
Max X/Y/Z cutting Feed rate		mm/min	6000
Working Table			
Table Size	W x L	mm	405 x 1370
Table Working Load		kg	600
T-Solt(Noxsize/distance)mm			5x16/60
Spindle			
Max Spindle Speed		rpm	8000
Spindle Taper/outside dia		mm	BT40/150
Motors			
Main Motor		Kw	5.5/7.7
Drive Motors Torque	X/Y/Z	Nm	12/12/12
Accuracy			
Positioning Accuracy		mm	±0.005/300
Repeating Positioning Accuracy		mm	±0.003/300
Other Datas			
Machine Net Weight		kg	4500
Floor Space	L/W/H	mm	2900x2700x2600

SPECIFICATION			VMC-850	VMC-850C
Working Range				
Travel	X/Y/Z	mm	800/500/550	
Spindle Nose to Table Surface		mm	105-655	150-700
Spindle to Column Slideway		mm	550	560
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	18000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	460 x 950	500 x 1000
Table Working Load		kg	600	
T-Solt(Noxsize/distance)		mm	3x18/150	5x18/100
Spindle				
Max Spindle Speed		rpm	8000	
Spindle Taper/outside dia		mm	BT40/150	
Motors				
Main Motor		Kw	5.5/7.5	
Drive Motors Torque	X/Y/Z	Nm	12/12/12	
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	5000	5500
Floor Space	L/W/H	mm	2700x2350x2630	

VMC-850
VMC-850C



SPECIFICATION			VMC-1060	VMC-1060C
Working Range				
Travel	X/Y/Z	mm	1000/600/600	
Spindle Nose to Table Surface		mm	180-780	100-700
Spindle to Column Slideway		mm	600	
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	18000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	600 x 1300	550x1160
Table Working Load		kg	800	900
T-Solt(Noxsize/distance)		mm	5x18/120	5x18/90
Spindle				
Max Spindle Speed		rpm	8000	
Spindle Taper/outside dia		mm	BT40/150	
Motors				
Main Motor		Kw	7.5/11	
Drive Motors Torque	X/Y/Z	Nm	22/22/22	
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	8300	8500
Floor Space	L/W/H	mm	3300x2900x3000	3340x3000x2800

VMC-1060
VMC-1060C



VMC-1270
VMC-1370



SPECIFICATION			VMC-1270	VMC-1370
Working Range				
Travel	X/Y/Z	mm	1200/700/600	1300/700/650
Spindle Nose to Table Surface			150-750	150-800
Spindle to Column Slideway			785	
Feed Rate				
Max X/Y/Z Rapid Feed rate			16000	
Max X/Y/Z cutting Feed rate			6000	
Working Table				
Table Size	W x L	mm	700 x 1360	710 x 1400
Table Working Load		kg	1000	1300
T-Solt(Noxsize/distance)			5x18/152.5	
Spindle				
Max Spindle Speed			8000	
Spindle Taper/outside dia			BT50/155	
Motors				
Main Motor			11/15	
Drive Motors Torque	X/Y/Z	Nm	22/22/22	
Accuracy				
Positioning Accuracy			±0.005/300	
Repeating Positioning Accuracy			±0.003/300	
Other Datas				
Machine Net Weight			10000	13000
Floor Space	L/W/H	mm	3800x3200x3100	4000x3500x3100

VMC-1890



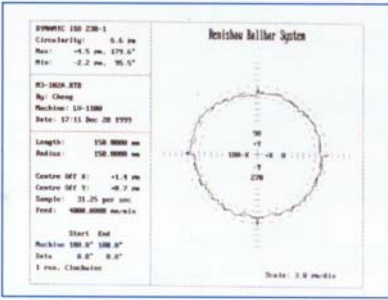
SPECIFICATION			VMC-1890
Working Range			
Travel	X/Y/Z	mm	1800/900/680
Spindle Nose to Table Surface			160-840
Spindle to Column Slideway			950
Feed Rate			
Max X/Y/Z Rapid Feed rate			12000
Max X/Y/Z cutting Feed rate			6000
Working Table			
Table Size	W x L	mm	900x2000
Table Working Load		kg	1600
T-Solt(Noxsize/distance)			5x22/165
Spindle			
Max Spindle Speed			8000
Spindle Taper/outside dia			BT50/190
Motors			
Main Motor			22.5/26
Drive Motors Torque	X/Y/Z	Nm	30/30/30
Accuracy			
Positioning Accuracy			±0.005/300
Repeating Positioning Accuracy			±0.003/300
Other Datas			
Machine Net Weight			18000
Floor Space	L/W/H	mm	5100x3800x3100

SPECIFICATION			VMC-1580	VMC-1690
Working Range				
Travel	X/Y/Z	mm	1500/800/700	1600/900/680
Spindle Nose to Table Surface			170-870	160-840
Spindle to Column Slideway			800	950
Feed Rate				
Max X/Y/Z Rapid Feed rate			12000	
Max X/Y/Z cutting Feed rate			6000	
Working Table				
Table Size	W x L	mm	800 x 1700	900 x 1800
Table Working Load		kg	1500	1600
T-Solt(Noxsize/distance)			5x22/135	5 x 22/165
Spindle				
Max Spindle Speed			8000	
Spindle Taper/outside dia			BT50/155	BT50/190
Motors				
Main Motor			15/18.5	22.5/26
Drive Motors Torque	X/Y/Z	Nm	22/30/22	30/30/30
Accuracy				
Positioning Accuracy			±0.005/300	
Repeating Positioning Accuracy			±0.003/300	
Other Datas				
Machine Net Weight			15000	16500
Floor Space	L/W/H	mm	4300x3750x3100	4600x3500x3100

VMC-1580
VMC-1690

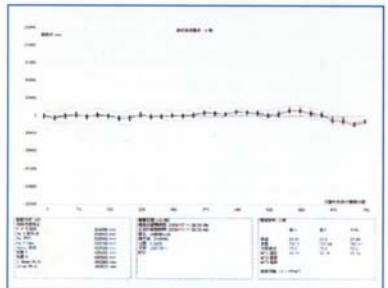


Final Inspection



Ball Bar Inspection

Rigorous Ball Bar testing to ensure linear accuracy and squareness

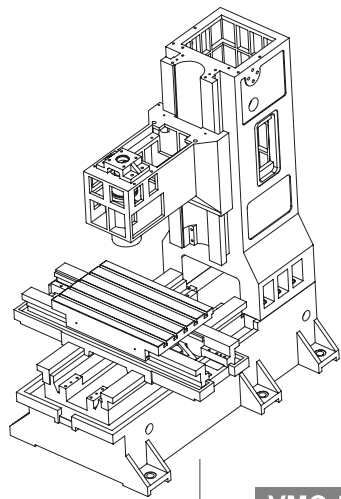


Laser Inspection

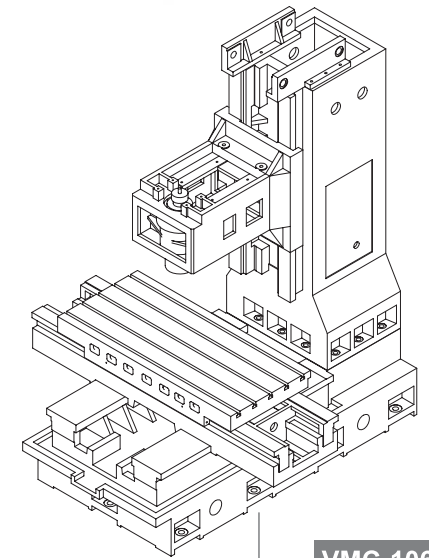
Laser Calibration testing on the linear accuracy to provide compensation for pitch and backlash

MACHINE MAJOR FEATURE

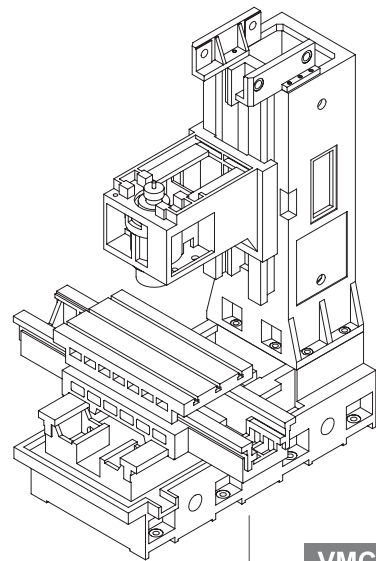
- Machine structure is designed by Fine Element Analysis with stronger and rigid structure. The machine body is made of high quality meehanite cast iron by resin mould then with annealing treatment to release stress, featuring high rigidity, good stability, wear-resistance and distortion resistance.
- The X/Y/Z axis adopts the high damping capacity square slide way with especially the wide Y axis structure to get heavy duty cutting performance.
- All the slideways are harden and ground, the adjunction surface coated by Turcite-B material with precise scraping to ensure the reliable accuracy.
- The Top class imported double nut precise ball screws are preload with the support with precise bevel bearing for the pretension installation and the loading capacity is higher therefore.
- The Germany brand direct drive transmission system with precision coupling reduces the backlash to minimum.
- All three axis are equipped with telescopic protection cover.
- Central lubrication system (optional with oil-coolant separation system) can provide lubrication to the slideways (and to avoid the contamination of the cutting liquid with oil-coolant separation system).
- The counter balance system for the spindle head stock is inside of the column with guideways to ensure the dynamic movement of the Z-axis.
- The high positioning and repeating positioning enjoy the high accuracy.
- High precision spindle drive by timing pulley and belt.
- All the spindles are passed the quality test on vibration, balance as well as the bearing assembling together with spindle head.
- Each machine is subject to rigorous ball bar testing and laser calibration testing then provide accuracy compensation for pitch and backlash to ensuring the accuracy performance of whole machine.
- According to requirement, different choose about CNC controller system, ATC and so on can be available (see special equipment on another page).



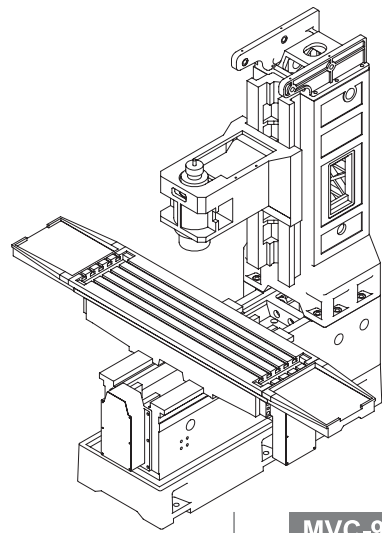
VMC-540



VMC-1060



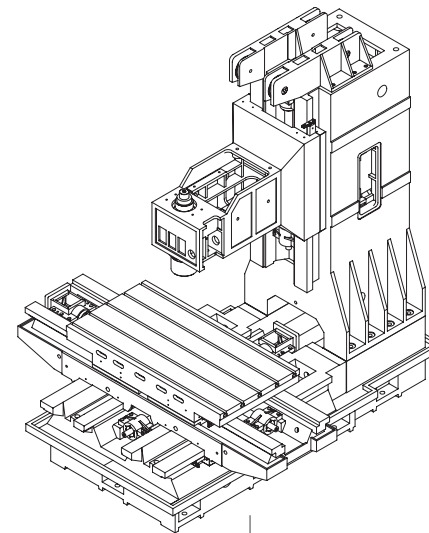
VMC-650



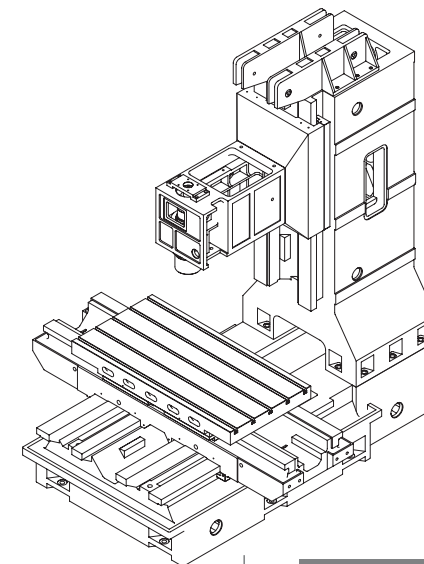
MVC-950

FRAME STRUCTURE

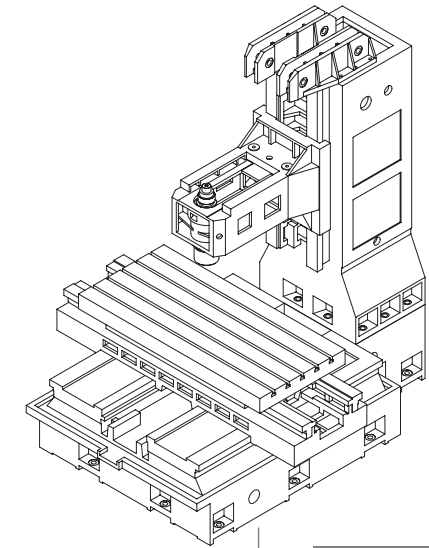
Symmetric and Well Balanced
Structure for Rigid Cutting and
Dynamic Stability Performance



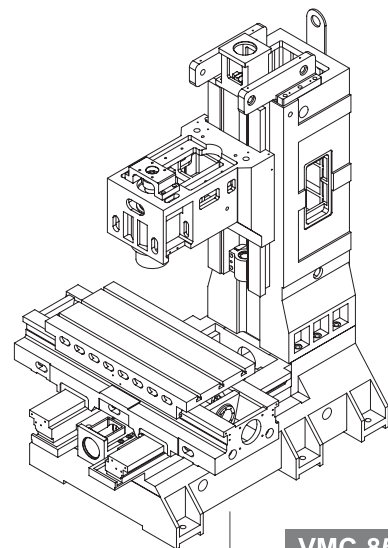
VMC-1270



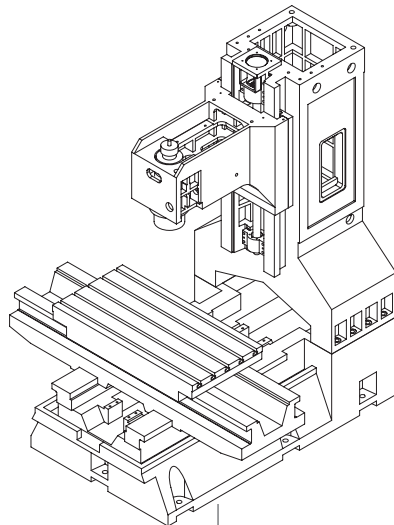
VMC-1370



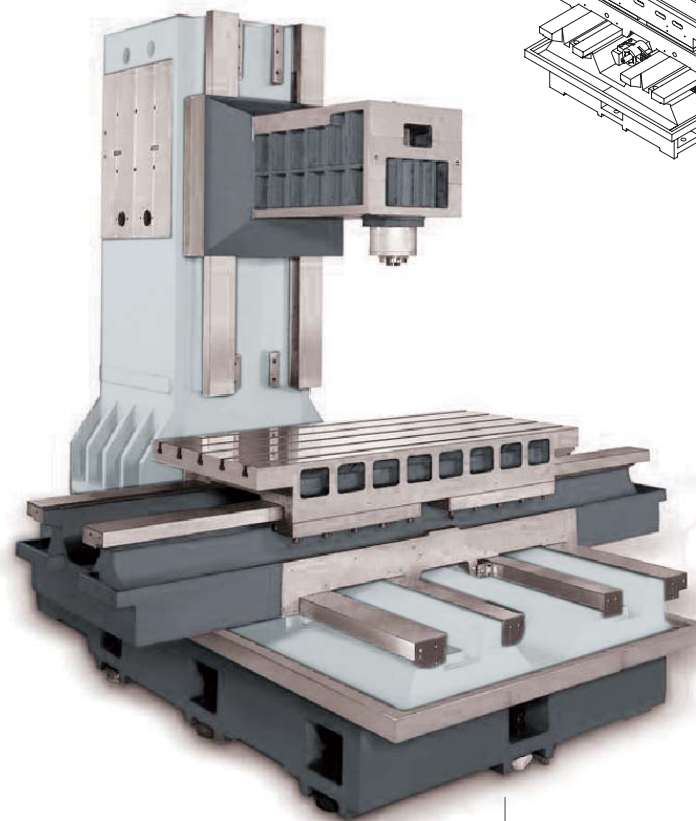
VMC-1580



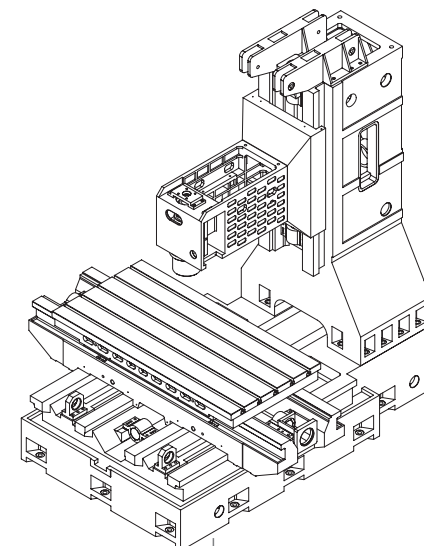
VMC-850



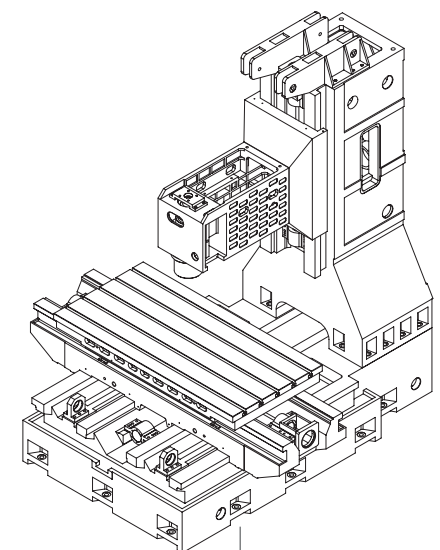
VMC-850C



VMC-1060C



VMC-1690



VMC-1890

LINER SLIDWAYS TYPE VERTICAL MACHINING CENTER

VMC-540L
DTC-540L(Drilling & Tapping Center)



SPECIFICATION			VMC-540L	DTC-540L
Working Range				
Travel	X/Y/Z	mm	550/400/380	
Spindle Nose to Table Surface		mm	80-460	
Spindle to Column Slideway		mm	419	400
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	24000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	400 x 630	
Table Working Load		kg	2000	
T-Solt(Noxsize/distance)		mm	5x14/80	
Spindle				
Max Spindle Speed		rpm	8000	
Spindle Taper/outside dia		mm	BT30/120	
Motors				
Main Motor		Kw	3.7/5.5	
Drive Motors Torque	X/Y/Z	Nm	8/8/8	
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	3500	
Floor Space	L/W/H	mm	2300x1900x2200	
Remarks				
Slideways Structure	X/Y/Z		3 axis Liner	

VMC-850L
VMC-8655L



SPECIFICATION			VMC-850L	VMC-8655L
Working Range				
Travel	X/Y/Z	mm	800/500/500	860/550/500
Spindle Nose to Table Surface		mm	110-610	130-630
Spindle to Column Slideway		mm	560	600
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	24000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	500 x 1000	550 x 1000
Table Working Load		kg	450	
T-Solt(Noxsize/distance)		mm	5x18/90	5x18/100
Spindle				
Max Spindle Speed		rpm	8000	
Spindle Taper/outside dia		mm	BT40/150	
Motors				
Main Motor		Kw	5.5/7.5	
Drive Motors Torque	X/Y/Z	Nm	12/12/12	
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	6000	
Floor Space	L/W/H	mm	2700x2350x2630	
Remarks				
Slideways Structure	X/Y/Z		Liner/Liner/Box	3 axis Liner

SPECIFICATION			VMC-650L	VMC-6645L
Working Range				
Travel	X/Y/Z	mm	600/500/500	660/450/500
Spindle Nose to Table Surface		mm	110-610	80-580
Spindle to Column Slideway		mm	560	508
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	24000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	450 x 800	
Table Working Load		kg	350	
T-Solt(Noxsize/distance)		mm	3x18/144	3x18/150
Spindle				
Max Spindle Speed		rpm	8000	
Spindle Taper/outside dia		mm	BT40/150	
Motors				
Main Motor		Kw	5.5/7.5	
Drive Motors Torque	X/Y/Z	Nm	12/12/12	
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	5500	
Floor Space	L/W/H	mm	2340x2270x2250	
Remarks				
Slideways Structure	X/Y/Z		Liner/Liner/Box	3 axis Liner

VMC-650L
VMC-6645L



SPECIFICATION			VMC-9050L
Working Range			
Travel	X/Y/Z	mm	900/500/550
Spindle Nose to Table Surface		mm	100-650
Spindle to Column Slideway		mm	580
Feed Rate			
Max X/Y/Z Rapid Feed rate		mm/min	24000
Max X/Y/Z cutting Feed rate		mm/min	6000
Working Table			
Table Size	W x L	mm	500 x 1100
Table Working Load		kg	600
T-Solt(Noxsize/distance)		mm	5x18/100
Spindle			
Max Spindle Speed		rpm	8000
Spindle Taper/outside dia		mm	BT40/150
Motors			
Main Motor		Kw	5.5/7.5
Drive Motors Torque	X/Y/Z	Nm	12/12/12
Accuracy			
Positioning Accuracy		mm	±0.005/300
Repeating Positioning Accuracy		mm	±0.003/300
Other Datas			
Machine Net Weight		kg	7000
Floor Space	L/W/H	mm	2900x2350x2700
Remarks			
Slideways Structure	X/Y/Z		3 axis Liner

VMC-9050L



LINER SLIDWAYS TYPE VERTICAL MACHINING CENTER

VMC-1060L
VMC-10062L



SPECIFICATION			VMC-1060L	VMC-10062L
Working Range				
Travel	X/Y/Z	mm	1000/600/600	1050/620/610
Spindle Nose to Table Surface		mm	100-650	120-730
Spindle to Column Slideway		mm	655	668
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	24000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	600 x 1300	620 x 1200
Table Working Load		kg	600	800
T-Solt(Noxsize/distance)		mm	5x18/100	5x18/130
Spindle				
Max Spindle Speed		rpm	8000	
Spindle Taper/outside dia		mm	BT40/150	
Motors				
Main Motor		Kw	7.5/11	
Drive Motors Torque	X/Y/Z	Nm	22/22/22	
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	8000	8200
Floor Space	L/W/H	mm	3300x2900x3000	
Remarks				
Slideways Structure	X/Y/Z		Liner/Liner/Box	3 axis Roller Liner

BEMC-650L / 750L
Engraving Milling Machine



SPECIFICATION			BEMC-650L	BEMC-750L
Working Range				
Travel	X/Y/Z	mm	600/500/320	750/600/320
Spindle Nose to Table Surface		mm	550	670
Spindle to Column Slideway		mm	140-460	150-470
Feed Rate				
Max X/Y/Z Rapid Feed rate		mm/min	15000	
Max X/Y/Z cutting Feed rate		mm/min	6000	
Working Table				
Table Size	W x L	mm	500 x 700	600 x 800
Table Working Load		kg	150	200
T-Solt(Noxsize/distance)		mm	3x12/175	5x12/100
Spindle				
Max Spindle Speed		rpm	24000, optional 40000	
Spindle Taper/outside dia		mm	ER 20, optional ER25,ER32	
Motors				
Main Motor		Kw	3	
Drive Motors Torque	X/Y/Z	Nm	8/8/8	
Accuracy				
Positioning Accuracy		mm	±0.005/300	
Repeating Positioning Accuracy		mm	±0.003/300	
Other Datas				
Machine Net Weight		kg	4000	4500
Floor Space	L/W/H	mm	1900x1440x2220	2200x1700x2220
Remarks				
Slideways Structure	X/Y/Z		3 axis Liner	

SPECIFICATION			VMC-12060L
Working Range			
Travel	X/Y/Z	mm	1200/620/610
Spindle Nose to Table Surface		mm	160-860
Spindle to Column Slideway		mm	670
Feed Rate			
Max X/Y/Z Rapid Feed rate		mm/min	24000
Max X/Y/Z cutting Feed rate		mm/min	6000
Working Table			
Table Size	W x L	mm	600 x 1300
Table Working Load		kg	800
T-Solt(Noxsize/distance)		mm	5x22/107.5
Spindle			
Max Spindle Speed		rpm	8000
Spindle Taper/outside dia		mm	BT50/155
Motors			
Main Motor		Kw	11/15
Drive Motors Torque	X/Y/Z	Nm	22/22/22
Accuracy			
Positioning Accuracy		mm	±0.005/300
Repeating Positioning Accuracy		mm	±0.003/300
Other Datas			
Machine Net Weight		kg	9500
Floor Space	L/W/H	mm	3800x3200x3100
Remarks			
Slideways Structure	X/Y/Z		3 axis Liner

VMC-12060L



SPECIFICATION			BHMC-660L
Working Range			
Travel	X/Y/Z	mm	600/600/300
Spindle Nose to Table Surface		mm	640
Spindle to Column Slideway		mm	50-350
Feed Rate			
Max X/Y/Z Rapid Feed rate		mm/min	15000
Max X/Y/Z cutting Feed rate		mm/min	6000
Working Table			
Table Size	W x L	mm	500 x 700
Table Working Load		kg	300
T-Solt(Noxsize/distance)		mm	5x18/90
Spindle			
Max Spindle Speed		rpm	15000 direct drive
Spindle Taper/outside dia		mm	BT30/120
Motors			
Main Motor		Kw	5.5/7.5
Drive Motors Torque	X/Y/Z	Nm	12/12/12
Accuracy			
Positioning Accuracy		mm	±0.005/300
Repeating Positioning Accuracy		mm	±0.003/300
Other Datas			
Machine Net Weight		kg	3500
Floor Space	L/W/H	mm	1900x1440x2220
Remarks			
Slideways Structure	X/Y/Z		3 axis Liner

BHMC-660L
Bridge Type High Speed Machining Center



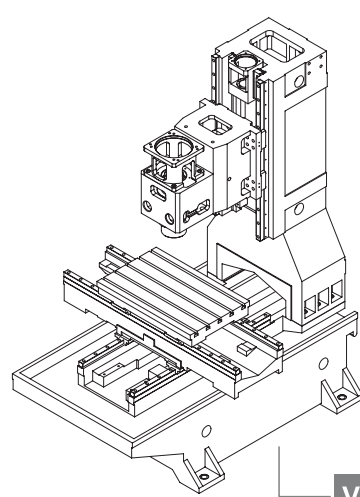
LINER SLIDWAYS TYPE VERTICAL MACHINING CENTER

MACHINE MAJOR FEATURE

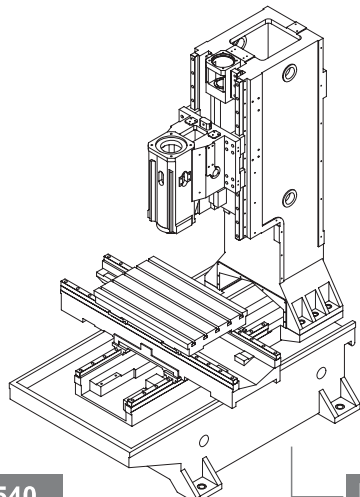
- Machine structure is designed by Fine Element Analysis with stronger and rigid structure. The machine body is made of high quality meehanite cast iron by resin mould then with annealing treatment to release stress, featuring high rigidity, good stability, wear-resistance and distortion resistance.
- The high precision Liner slideways (for some model with Roller Type Liner slideways) chosen for X/Y and Z axis except of Z axis used square type way get high feed rate performance.
- For some models, the Z axis with square type slideways are harden and ground, the adjunction surface coated by Turcite-B material with precise scraping to ensure the reliable accuracy.
- The Top class imported double nut precise ball screws are preload with the support with precise bevel bearing for the pretension installation and the loading capacity is higher therefore.
- The Germany brand direct drive transmission system with precision coupling reduces the backlash to minimum.
- All three axis are equipped with telescopic protection cover.
- Central lubrication system can provide lubrication to the slideways for those model with Z axis with square type slideway.
- The counter balance system for the spindle head stock is inside of the column with guideways to ensure the dynamic movement of the Z-axis.
- The high positioning and repeating positioning enjoy the high accuracy.
- High precision spindle drive by timing pulley and belt.
- All the spindles are passed the quality test on vibration, balance as well as the bearing assembling together with spindle head.
- Each machine is subject to rigorous ball bar testing and laser calibration testing then provide accuracy compensation for pitch and backlash to ensuring the accuracy performance of whole machine.
- According to requirement, different choose about CNC controller system, ATC and so on can be available (see special equipment on another page).

FRAME STRUCTURE

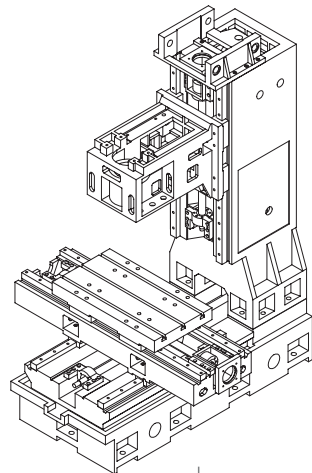
Symmetric and Well Balanced Structure for Rigid Cutting and Dynamic Stability Performance



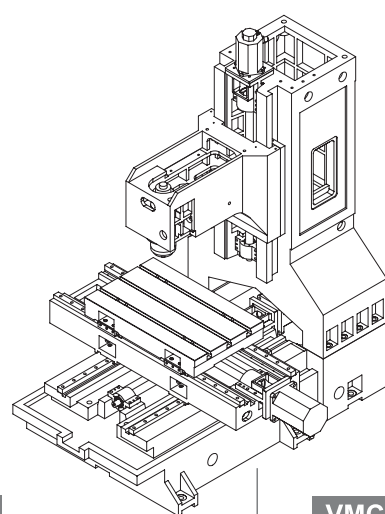
VMC-540



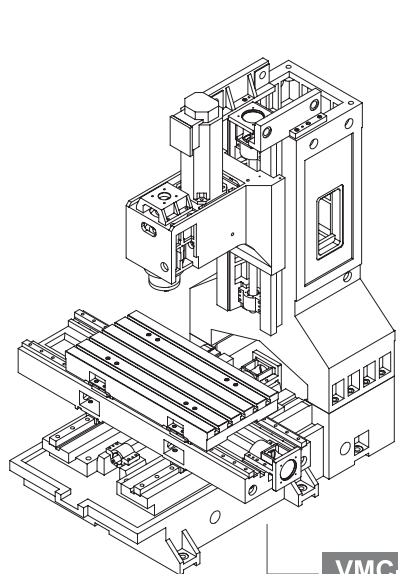
DTC-540L



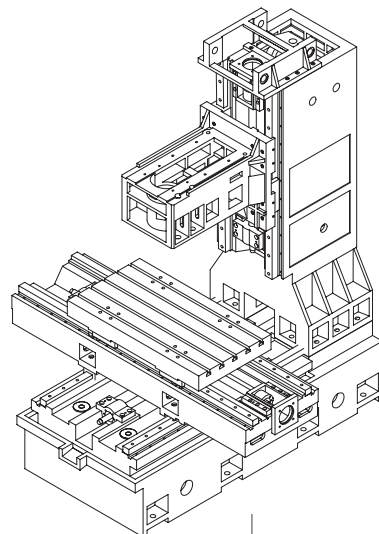
VMC-6645L



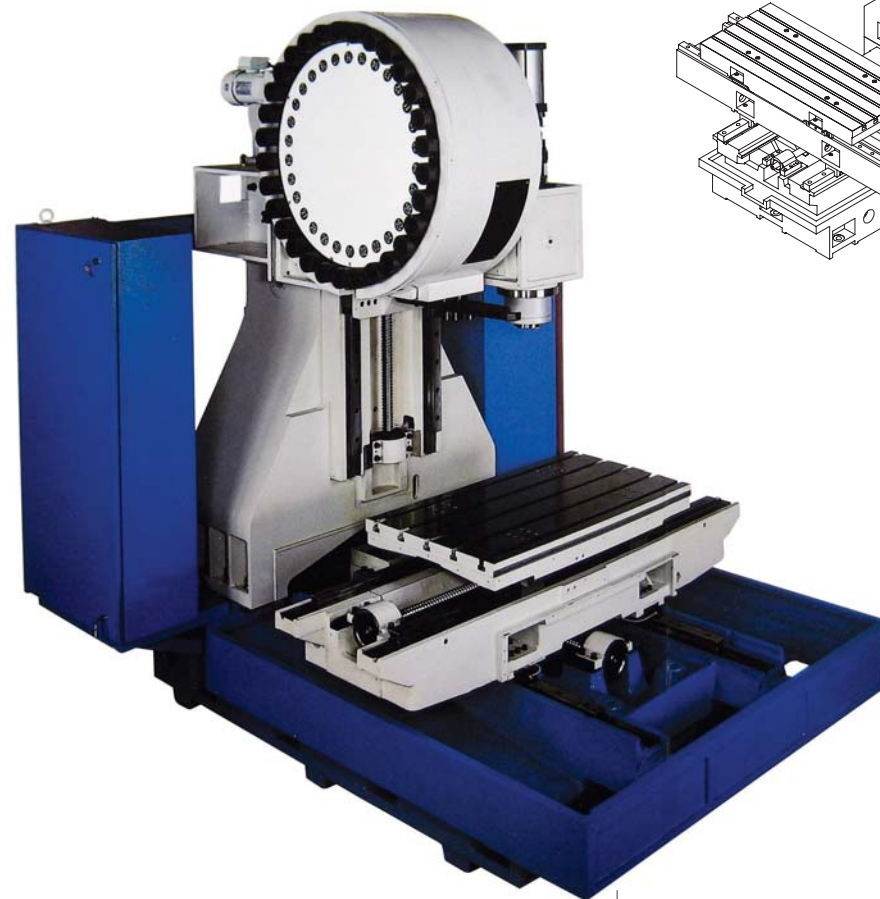
VMC-650L



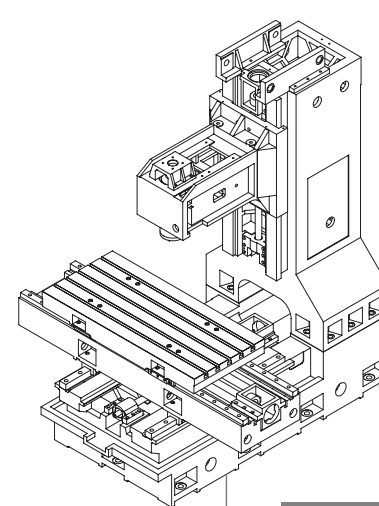
VMC-850L



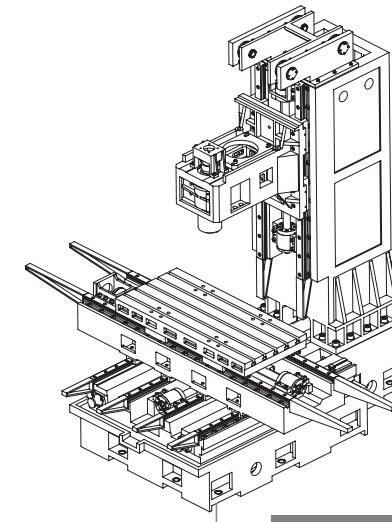
VMC-8655L



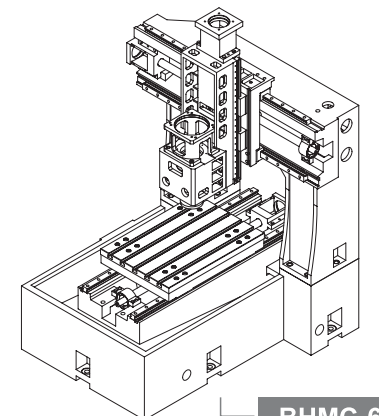
VMC-10062L



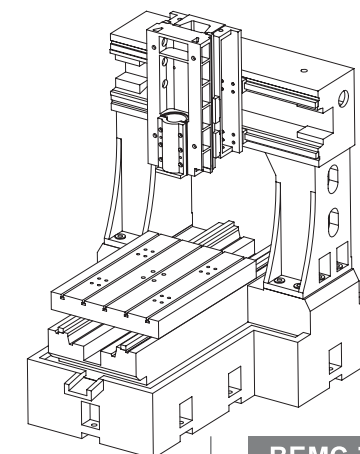
VMC-1060L



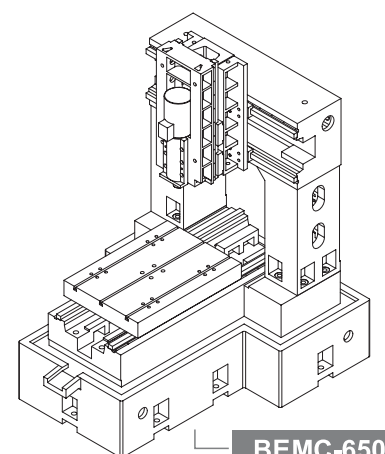
VMC-12060L



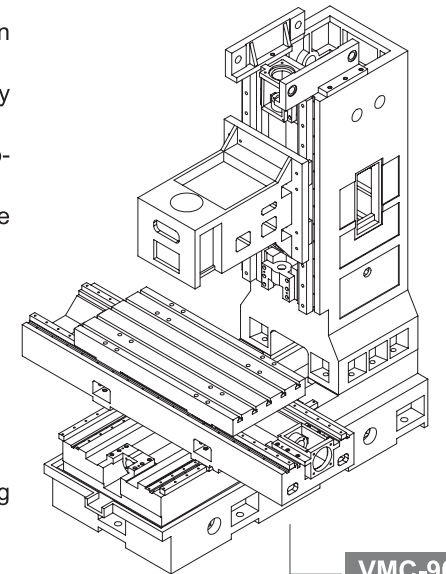
BHC-660L



BEMC-760L



BEMC-650L



VMC-9050L

Spindle (BT40 & BT50)



X/Y/Z axis transmission system by
Germany precise direct drive connector

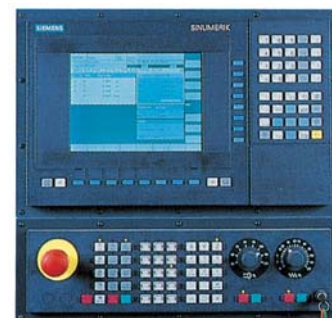
CNC Controller System



Fanuc 0iMB, MC



Mitsubishi M64SM, M65SM

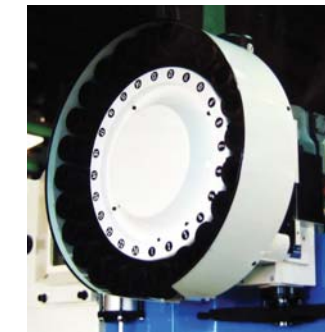


Siemens 802D, 810D

Automatic Tool Changer



20 pcs Genova-type ATC



24 pcs Arm-type ATC



32 or 40 pcs Chain-type ATC

Optional Equipment:

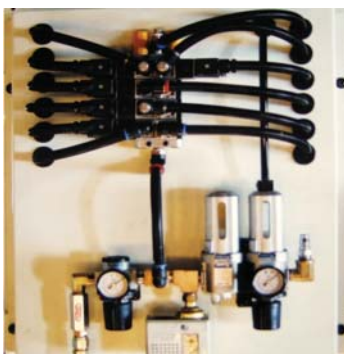
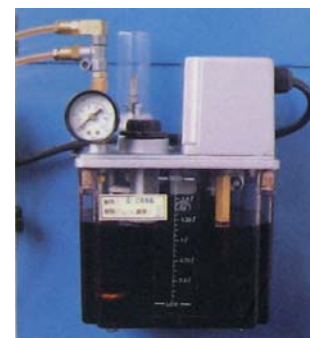
- 1) Spindle speed optional choose: 10000rpm, 12000rpm, 15000rpm
- 2) Arm Type ATC (16, 24, 32 pcs Depending on Machine Models)
- 3) Central Oil coolant for the Spindle
- 4) Coolant through Spindle
- 5) 4th Axis CNC Rotary Table
- 6) Chip Conveyor: Helix Type or Chain Type
- 7) Air-conditioning System on Electric Cabinet
- 8) Back Flush Cleaning System
- 9) CE Standard
- 10) Other CNC Controller on requested (Siemens, Heidenhain, Mitsubishi, Fagor, China GSK etc..)



Helix Type Chip Conveyor

Machine Feature and Standard Equipment:

- 1) Resin Mould High-class Casting
- 2) Top-class Imported Ball-screws sets and Bearing
- 3) Imported Spindle & Pneumatic Tool change system
- 4) Germany Direct Drive Connectors
- 5) Telescopic Steel Protection on X/Y/Z axis
- 6) Central Lubrication System
- 7) Coolant System
- 8) Harden & ground Box Friction slideways and Turcite-B coated with Precise Scraping on attached Surface, Top Class Liner Slideways (For VMC-L series)
- 9) Full-enclosed Outside Guarding
- 10) Heat Exchange Fan on Electric Cabinet
- 11) Spindle Air Blast System
- 12) Rigid Tapping Function
- 13) Electric Handwheel
- 14) RS-232 Interface
- 15) Transformor (Depending on CNC and Market needed)
- 16) Genova Drum Type ATC (10, 16, 20 pcs depending on Machine Models), Turret Type ATC for Model DTC-540L
- 17) Working Lamp and Alarm Lamp
- 18) FANUC 0iMB, 0iMC CNC Controller
- 19) Tools and Toolbox
- 20) Operation Manuel and Maintenance Manuel (Machine and CNC system)



All Air and Valve Together



Electrical Cabinet



Air-conditioning System



Central Oil coolant System



4th Axis CNC Rotary table