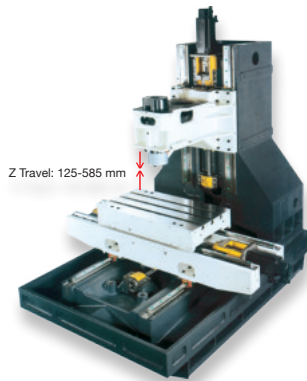


Vertical Machining Center

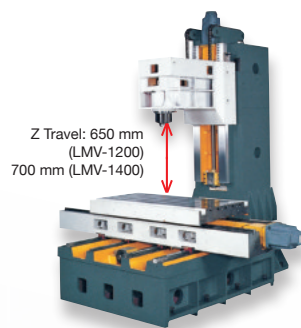
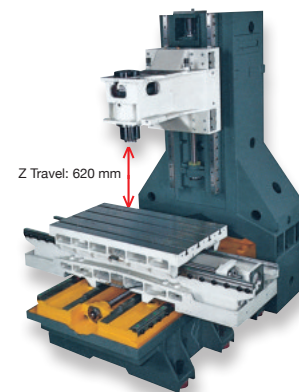
High Speed LMV Series :
2 Linear Guide Way
4 Linear Guide Way



LMV 510 / 710



LMV 850 / 1000



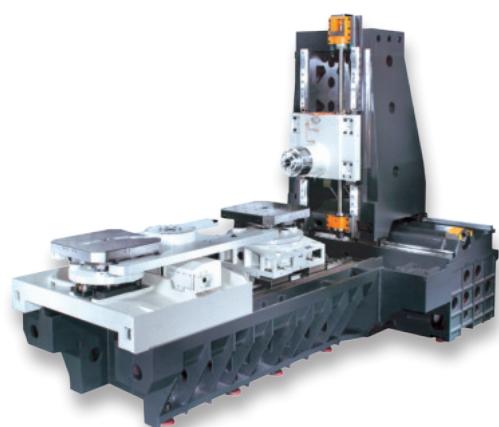
LMV 1200 / 1400

LMV SERIES SPECIFICATIONS

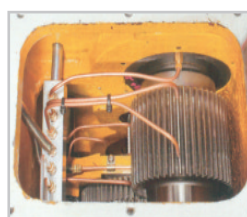
MODEL	UNIT	LMV 510	LMV 710	LMV 760APC	LMV 800	LMV 850	LMV 1000	LMV 1200	LMV 1400			
Table	Work table	mm	600x420	760x420	600x400x2 pcs	950x500	1010x550	1200x550	1300x680	1600x700		
	T-slot	mmxT	100x18x3T	100x18x3T	100x14x3T	80x18x5T	125x18x4T	100x18x5T	100x18x5T	125x22x5T		
	Max. loading	kgs	400	500	200	500	800	1000	1200	2000		
Travel	Three axes travel	mm	510x420x420	710x460x460	760x460x450	800x500x500	850x600x620	1000x600x620	1200x620x650	1400x750x700		
	Spindle nose to table surface	mm	125-545	125-585	150-600	125-625	130-750	130-750	150-800	250-900	350-1050	200-900
	Spindle center to column slide ways	mm	450	490	490	510	620	620	650	850	800	
Spindle	Spindle taper		BT-40	BT-40	BT-40	BT-40	BT-40	BT-40	BT-40	BT-40	BT-50	BT-50
	Spindle diameter	mm	Ø 60	Ø 60	Ø 60	Ø 70	Ø 70	Ø 70	Ø 70	Ø 100	Ø 70	Ø 100
	Spindle speed	rpm	10000	10000	10000	10000	8000	8000	8000	4500	8000	4500
Feedrate	3 axes slide ways		Linear Way	Linear Way	Linear Way	Linear Way	Linear Way	Linear Way	X, Y: Linear Way, Z: Box Way	X, Y: Linear Way, Z: Box Way		
	3 axes rapid feedrates	m/min	36/36/30 48/48/48	30/30/30	30/30/30	36/36/36	30/30/30	30/30/30	X, Y : 24, Z : 18	X, Y : 24, Z : 18		
	3 axes cutting feedrates	m/min	10/10/10	10/10/10	10/10/10	10/10/10	10/10/10	10/10/10	10/10/10	10/10/10		
ACT	Tool magazine type		Armless	Armless	Armless	Armless	Armless	Armless	Armless	Armless		
	Tool selection		Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part		
	Max. tool diameter x length	mm	Ø 76x250	Ø 76x250	Ø 76x250	Ø 100x300	Ø 100x300	Ø 100x300	Ø 100x300	Ø 146x300	Ø 100x300	Ø 146x300
	4Max. tool weight	kgs	7	7	7	7	7	7	7	15	7	15
	Tool shank		BT-40	BT-40	BT-40	BT-40	BT-40	BT-40	BT-40	BT-50	BT-40	BT-50
Motor	ATC capacity		20T	20T	24T	20T	20T	20T	20T	20T	20T	20T
	Spindle motor (cont./ 30min)	kw	5.5/7.5	5.5/7.5	7.5/11	7.5/11	7.5/11	7.5/11	7.5/11	11/15	11/15	
	X / Y / Z Axis servomotor		X,Y:HF154 Z:HF204B	X,Y:HF154 Z:HF204B	X,Y:HF224 Z:HF204B	X,Y:HF224 Z:HF204B	HF204	HF204	HF204	HF354	HF354	
	X / Y / Z Axis ball screw		Ø 32xPitch 10 Ø 32xPitch 12	Ø 32xPitch 10	Ø 32xPitch 12	Ø 32xPitch 12	Ø 40xPitch 10	Ø 40xPitch 10	X, Y: Ø 50xPitch 12	X, Y: Ø 50xPitch 12		
	Coolant pump	w	660	660	660	660	660	660	660	660		
Miscellaneous	External dimensions (LxWxH)	mm	1950x2360x2764	2185x2360x2764	2180x2957x2632	2360x2149x2545	2565x2238x2771	2810x2238x2771	3220x2560x2947	3220x2560x2980	3980x3323x3292	
	Net weight (approx)	kgs	3500	4000	4500	4500	6000	6200	7800	8300	10500	11000
	Splash guard		Fully Splash guard	Fully Splash guard	Fully Splash guard	Fully Splash guard	Fully Splash guard	Fully Splash guard	Fully Splash guard	Fully Splash guard		
	Coolant tank capacity	L	200	200	150	260	240	250	300	300	500	

JMH Series Horizontal Machining Center

Rotary Type Automatic Pallet Change



JMH 500



BT-05 Gear head spindle



Extra powerful chip flushing effect 33% up



Scissor type telescopic guards



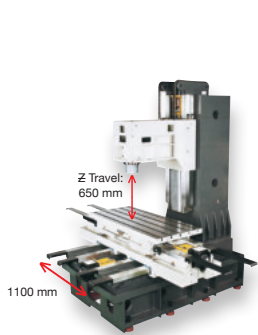
Extra powerful chip flushing effect 33% up

JMH SERIES SPECIFICATIONS

MODEL	UNIT	JMH 400 (40)	JMH 500 (40)	JMH 500 (50)	JMH 630 (50)	JMH 800 (50)	JMH 1000 (50)	
TRAVEL	X-axis travel	mm	630	800	800	1020	1530	
	Y-axis travel	mm	630	725	725	850	1250	
	Z-axis travel	mm	630	725	725	850	1200/200	
	Spindle center to work table surface	mm	50 ~ 680	50 ~ 775	50 ~ 775	70 ~ 920	50 ~ 1100	50 ~ 1300
	Spindle nose to work table center	mm	130 ~ 760	150 ~ 875	200 ~ 925	200 ~ 1090	230 ~ 1280	270 ~ 1470
TABLE	Table surface to floor	mm	1100	1100	1100	1300	1320	1370
	Table size	mm	400 x 400	500 x 500	500 x 500	630 x 630	800 x 800	1000 x 1000
	T-slot / Bolt spec.	mm	24-M10 x P1.5 x 20	24-M16 x P2.0	24-M16 x P2.0	24-M16 x P2.0	24-M16 x P2.0	24-M20 x P2.5
	Max. loading	kg	400	500 (OPT. 800)	500 (OPT. 800)	1200	2000	2000
	Divide angle	deg	0.001°	1° (OPT.0.001°/5')	1° (OPT.0.001°/5')	1° (OPT.0.001°/5')	1° (OPT.0.001°/5')	1° (OPT.0.001°/5')
SPINDLE	Spindle taper		BT-40	BT-40	BT-50	BT-50	BT-50	BT-50
	Method of spindle		DDS	DDS	DDS	Gear Head	Gear Head	Gear Head
	Spindle diameter	mm	Ø70	Ø70	Ø100	Ø100	Ø100	Ø100
	Spindle speed	rpm	10000	10000	6000	6000	6000	6000
FEEDRATE	Spindle motor (cont / 30 min)	kw	15/18.5 (α 15)	15/18.5 (α 15)	15/18.5 (α 15)	15/18.5 (α 15) 22/26((α 22 opt.)	15/18.5 (α 15) 22/26((α 22 opt.)	15/18.5 (α 15) 22/26((α 22 opt.)
	3-axes cutting feedrate	M/min	1 ~ 10000	1 ~ 10000	1 ~ 10000	1 ~ 6000	1 ~ 6000	1 ~ 6000
	3-axes rapid feedrate	M/min	36 (48 Opt.)	30 (36 Opt.)	30 (36 Opt.)	24 (30 Opt.)	15 / 15 / 12	15 / 15 / 12
ATC	3-axes min. setting unit	mm	0.001	0.001	0.001	0.001	0.001	0.001
	Tool selection	pcs	40 (60 opt.)	40 (60 opt.)	40 (60 opt.)	60 (90/120 opt.)	60 (90/120 opt.)	60 (90/120 opt.)
	Max. tool diameter x length		Ø80 x 300	Ø85 x 300	Ø125 x 400	Ø125 x 500	Ø125 x 600	Ø125 x 600
	Max. tool weight	mm	10	10	20	20	20	20
	Tool shank	type	P40T-1	P40T-1	P50T-1	P50T-1	P50T-1	P50T-1
APC	Tool change time (t-t)		1.6 (60 HZ)	1.6 (60 HZ)	2.9 (60 HZ)	2.9 (60 HZ)	2.9 (60 HZ)	2.9 (60 HZ)
	Number of pallets	sec	2	2	2	2	2	2
	Method of pallet change	type	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
OTHER	Pallet change time	sec	8 SEC	8 SEC	8 SEC	10 SEC	12 SEC	18 SEC
	Floor space	mm	4713x3056x2735	4835x3227x2957	4835x3227x2957	6664x4175x3632	7500x4200x3800	8320x4230x5665
	Machine weight (N.W.)	kg	11500	13500	16000	27000	29000	31000
Power capacity require	kva	40	40	40	50	50	50	

• Specifications subject to change without prior notice

BMV Series - 4 Box Way



BMV 1200



BMV 2200 / 250

OPTION



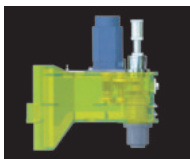
Arm-type magazine
24-tool



Coolant through
spindle



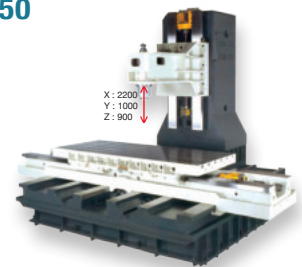
High torque ZF
gear box



Gear head



Armless-type magazine 16
(BMV 850) 20-tool



BMV SERIES SPECIFICATIONS

MODEL	UNIT	BMV 850	BMV 1000	BMV 1200	BMV 1400
Table	Work table	mm	1010x550	1200x550	1400x630
	T-slot	mmxT	100x18x5T	100x18x5T	125x22x5T
	Max. loading	kgs	800	1000	1200
	Three axes travel	mm	850x600x620	1000x600x620	1200x600x650
Travel	Spindle nose to table surface	mm	130-750	130-750	150-800 (BT-40) 250-900 (BT-50)
	Spindle center to column slide ways	mm	620	620	650
	Spindle taper		BT-40	BT-40	BT-40/BT-50
Spindle	Spindle diameter	mm	Ø 70	Ø 70	Ø 70/Ø 100
	Spindle speed	rpm	8000	8000	8000/4500
	3 Axes slide way		Box Way	Box Way	Box Way
Feedrate	3 Axes rapid feedrate	m/min	20	20	X, Y: 20m/min, Z: 18m/min
	3 Axes cutting feedrate	m/min	10	10	10
	Tool magazine type		Armless	Armless	Armless
ACT	Tool selection		Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part
	Max. tool diameter x length	mm	Ø 100x300 mm	Ø 100x300 mm	Ø 100x300 mm Ø 146x300 mm
	Max. tool weight	kgs	7	7	7/15
	Tool shank		BT-40	BT-40	BT-40 / BT-50
	ATC capacity		20T	20T	20T
Motor	Spindle motor (cont./ 30min)	kw	7.5 / 11	7.5 / 11	7.5 / 11 11 / 15
	X / Y / Z axis servomotor		HF204	HF204	HF204 / HF354
	X / Y / Z axis ball screw		Ø 40xPitch 10	Ø 40xPitch 10	Ø 50xPitch 10
	Coolant pump	w	660	660	660
Miscellaneous	External dimensions (L x W x H)	mm	2550x2238x2650	2810x2238x2650	3220x2312x3022 3220x2215x3150
	Packing dimensions (L x W x H)	mm	2870x2280x2550	3130x2280x2550	4700x2500x3500
	Net weight / Gross weight (Approx.)	kgs	6000 / 6700	6200 / 6900	9000/10000 (BT-40) 9500/10500 (BT-50)
	Splash guard		Fully Splash guard	Fully Splash guard	Fully Splash guard
Coolant tank capacity	L	240	250	280	500

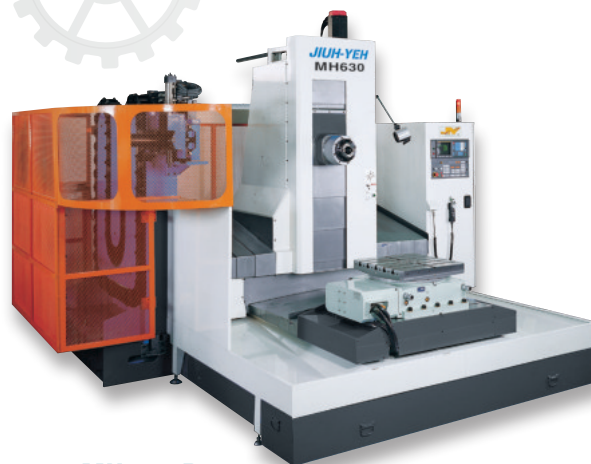
BMV SERIES SPECIFICATIONS

MODEL	UNIT	BMV 1600	BMV 1800	BMV 2200	BMV 2500
Table	Work table	mm	1800x800	2000x800	2400x1000
	T-slot	mmxT	160x22x5T	160x22x5T	160x22x6T
	Max. loading	kgs	2500	2500	3500
	Three axes travel	mm	1600x900x700	1800x900x700	2200x1100x900
Travel	Spindle nose to table surface	mm	200-900	200-900	240-1140
	Spindle center to column slide ways	mm	850	850	1050
	Spindle taper		BT-50	BT-50	BT-50
Spindle	Spindle diameter	mm	Ø 100	Ø 100	Ø 100
	Spindle speed	rpm/OPT	4500	4500	4500/6000
	3 axes slide way		Box Way	Box Way	Box Way
Feedrate	3 axes rapid feedrate	m/min	15/15/12	15/15/12	12/8/8
	3 axes cutting feedrate	m/min	6	6	5
	Tool magazine type		Armless	Armless	Chain-type
ACT	Tool selection		Bi-direction shortest part	Bi-direction shortest part	Bi-direction shortest part
	Max. tool diameter x length	mm	Ø 146x300 mm	Ø 146x300 mm	Ø 127x300 mm
	Max. tool weight	kgs	15	15	15
	Tool shank		BT-50	BT-50	BT-50
	ATC capacity		20T	20T	32T
Motor	Spindle motor (cont./ 30min)	kw	11/15	11/15	15/18.5
	X / Y / Z axis servomotor		X, Y: HF454 / Z: HF454SB	X, Y: HF454 / Y: HF703 Z: HF454SB	X, Y: HF454 / Y: HF703 Z: HF454SB
	X / Y / Z axis ball screw		Ø 50xPitch 10	Ø 50xPitch 10	X, Z: Ø50xP10, Y: Ø63xP10
	Coolant pump	w	670	670	750
Miscellaneous	External dimensions (LxWxH)	mm	4450x3679x3500	4450x3679x3500	6216x3915x3461
	Packing dimensions (LxWxH)	mm	4800x3200x3550	4800x3200x3500	20" FR + 40" HQ
	Net weight (approx)	kgs	16000/17000	17000/18000	24000/26000
	Splash guard		Fully Splash guard	Fully Splash guard	Fully Splash guard
Coolant tank capacity	L	500	500	560	560

MH Series : Horizontal Machining Center



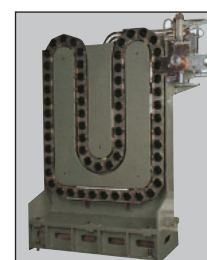
MH 500R



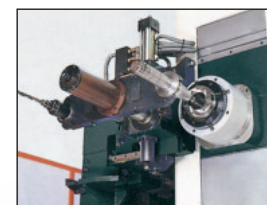
MH 630R



MH 800R



Independent chain



High-speed,
high efficiency tool changer

MH SERIES SPECIFICATIONS

Model		UNIT	MH 500R (50)	MH 630R (50)	MH 800R (50)
Travel	X-axis travel	mm	650	1000	1000
	Y-axis travel	mm	650	650	650
	Z-axis travel	mm	650	750	750
	Spindle nose to work table center	mm	120-770	120-770	120-770
	Spindle nose to work table surface	mm	215-865	215-965	215-965
Table	Table size	mm	500 x 500	630 x 630	800 x 800
	T-slot / Bolt spec.	mm	CD100 x 18 x 5T	CD100 x 18 x 5T	CD100 x 18 x 6T
	Max. loading	kg	800	1200	1200
	Divide angle	deg	STD: 1° (OPT: 0.001°)	STD: 1° (OPT: 0.001°)	STD: 1° (OPT: 0.001°)
Spindle	Spindle taper		BT-50	BT-50	BT-50
	Spindle diameter	mm	Ø100	Ø100	Ø100
	Spindle speed	rpm	STD.45-4500/OPT.50-6000	STD.45-4500/OPT.50-6000	STD.45-4500/OPT.50-6000
Feedrate	3 axes cutting feedrate	mm/min	1-4000	1-5000	1-5000
	3-axes rapid feedrate	M/min	X/Y: 12, Z: 8	X/Y: 12, Z: 8	X/Y: 12, Z: 8
	3 axes min. setting unit	mm	0.001	0.001	0.001
ATC	No. of tools	pcs	60	60	60
	Tool selection		Bi-direction shortest path	Bi-direction shortest path	Bi-direction shortest path
	Max. tool diameter x length	mm	Ø110 x 300	Ø110 x 400	Ø110 x 400
	Max. tool weight	kg	15	15	15
	Tool shank		BT-50	BT-50	BT-50
	Tool change time (t-t)	sec	2.9 (60 HZ)	2.9 (60 HZ)	2.9 (60 HZ)
Motor	Number of pallets		1	1	1
	Spindle motor (cont/30min)	kw	AC 15/18.5	AC 15/18	AC 15/18
	X-axis servo motor	kw	AC 4	AC 4	AC 4
	Y-axis servo motor (with brake)	kw	AC 4	AC 4	AC 4
	Z-axis servo motor	kw	AC 4	AC 4	AC 4
	Spindle coolant motor	kw	1/4HP	1/4HP	1/4HP
	Cutting fluid motor	w	670	670	670
Other	External dimensions	mm	3843 x 3075 x 3080	5278 x 4643 x 3081	5278 x 4643 x 3081
	Machine weight (N.W.)	kg	11800	12800	13500

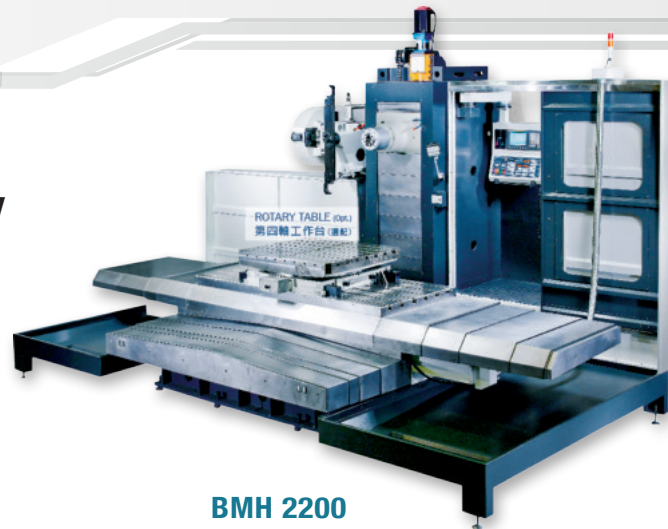
* Specifications subject to change without prior notice.

Vertical Machining Center

A Perfect Balance of Speed and Stability



BHB 110-T3



BMH 2200



**LMH 800R
LMH 1000R**

BHB SERIES SPECIFICATIONS

MODEL	UNIT	BHB 110-T3	
Spindle	Main motor (30min/cont.)	kw	22/ 26
	Spindle speed (Max.)	rpm	2500
	Spindle taper		
	Spindle diameter	mm	Ø 110
	Quill diameter (W2 axis)	mm	
Travel	Max. spindle torque	Nm	1500
	Work table travel X axis (horizontal)	mm	3000
	Spindle travel Y axis (vertical)	mm	2100
	Column moving travel Z axis		1500
	Spindle travel W1 axis	mm	500
	Quill travel W2 axis	mm	
	Total spindle travel (W1+W2)		500
Table	Table dimension	mm	1440 x 1600
	T-slot	mmxNo.	24 x 9
	Max. loading weight	kg	8000
	Lindes	degree	0.001°
	Max. rotation diameter	mm	3800
ATC	Tool shank		BT-50
	Max. tool diameter x length	mm	120 / 250
	Max. tool weight	kgs	25
	ATC tool change time	sec.	16
	ATC tool clamping force	Nm	60±5
	ATC capacity	60T	60T
Feed	Rapid feed rate	m/min	XY axis: 10 / W axis: 4
	Quill feed rate	m/min	
Specifications	Water tank capacity	L	500
	Power capacity	KVA	55
	Air pressure require	kg/cm ²	6
	Machine dimension	m/min	8500x7800x4100
	Machine N.W./G.W.	kg	27500/30500
	Shipment advice	HQ	40' x 2 container

Rotary table adopt Heidenhain encoder (Accuracy±10")

BMH & LMH SERIES SPECIFICATIONS

MODEL	UNIT	BMH 2200	LMH 800R	LMH 1000R	
Table	Work table	mm	2400x1000	800x800 (0.001")	1000x1250 (0.001")
	T-slot	mmx	22x160x6	22xP100x7	22xP100x9
	Max. loading	kgs	3500	2000	2000
Travel	X/Y/Z Travel	mm	2200x1250x1250	1270x1250x1050	1530x1250x1250
	Spindle nose to work table center	mm	200	230-1280	230-1480
	Spindle center to work table surface	mm	250	50-1300	50-1300
Spindle	Method of Spindle		Gear Head (Hi-Low 2 speed)	Gear Head (Hi-Low 2 speed)	Gear Head (Hi-Low 2 speed)
	Spindle taper		BT-50	BT-50	BT-50
	Spindle diameter	mm	100	100	100
	Spindle speed	rpm	4500/6000 (opt.)	6000	6000
Feedrate	X/Y/Z 3 Axis slide way		X, Z (Box Way) Y (Linear Way)	3 Axis Roller Type Linear Way	3 Axis Roller Type Linear Way
	X/Y/Z 3 Axis cutting feed rate	m/min	6	15/15/12	15/15/12
	X/Y/Z 3 Axis rapid feed rate	m/min	12(X) 10(Y/Z)	1-6000	1-6000
ATC	Tool select		ARM type	ARM type	ARM type
	Max. tool dia x length	mm	Ø105 x 400	Ø125 x 400	Ø125 x 400
	Max. tool weight	kgs	15	15	15
	Tool shank		BT-50	BT-50	BT-50
Motor	Tool magazine capacity		24T	40T	40T
	Spindle motor (cont./30mins)	kw	18.5/22 (cont./30)	15/18.5 (cont./30)	15/18.5 (cont./30)
	X/ Y/ Z Axis motor	kw	6 / 6 / 6	7 / 6 / 7 / 7	7 / 6 / 7 / 7
	X/ Y/ Z Axis ball screw		Ø50xP12 / Ø63xP12 Ø63xP12 (X/Y/Z)	X/Z : Ø50xP10 Y : Ø63xP12	X/Z : Ø50xP10 Y : Ø63xP12
Miscellaneous	Water tank motor	w	660	660	660
	External dimensions (LxWxH)	mm	6100x5982x4011	5600x4000x4000	5600x4000x4050
	Net weight (approx)	kgs	27000/30000	17000/19500	19000/21500
	Splash cover		Half splash cover	Half splash cover	Half splash cover
	Water tank capacity	L	1000	1000	1000
	Shipment require	HQ	40" FR+40" HQ	40" FR+40" HQ	40" FR+40" HQ

All specifications and designs are subject to change without prior notice.

Bed Type Milling Machine VH Series (Vertical & Horizontal Head)



JY-VH450



JY-VH480



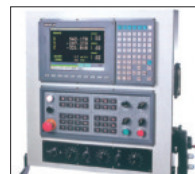
JY-VH780



Rugged saddle



Practical telescopic cover



PC-Based controller (std)



Mitsubishi controller (opt)



Fanuc controller (opt)

VH SERIES SPECIFICATIONS

Model			VH 450	VH 480 / VH 550	VH 650B	VH 780
Table	Table size	mm	1500 x 450	1900 x 500	2200 x 600	2600 x 700
	X & Y axes travel	mm	1100 x 720	1300 x 850 / 1500 x 900	1700 x 1050	2000 x 1200
	Z axis travel	mm	780	780 / 790	950	1000
	T-slot (size x number x distance)	mm	18 x 5 x 80	18 x 5 x 80	20 x 5 x 125	20 x 5 x 125
	3 axes rapid feed rate	mm/min	25-1500 (30-6000 PC-Based)	30-2800 (30-6000 PC-Based)	30-2800 (30-6000 PC-Based)	30-2800 (30-6000 PC-Based)
	3 axes cutting feed rate	mm/min	1500 (30-6000 PC-Based)	2800 (30-6000 PC-Based)	2800 (30-6000 PC-Based)	2800 (30-6000 PC-Based)
Cutting Range Reference	Cutting length	mm	1100	1300	1700	2000
	Cutting width	mm	420	450 / 520	620	750
	Cutting height	mm	500	500 / 520	640	750
	Loading weight	kg	1000	1500	2000	3000
Vertical Spindle	Spindle speed (60HZ)	rpm	45-1500rpm	45-1500rpm 18 steps	45-1500rpm 18 steps	45-1500rpm 18 steps
	Spindle taper	N.S.T.	NT50	NT50	NT50	NT50
	Spindle nose to table surface distance	mm	0-617	0-583 / 0-603	0-753	0-810
	Spindle center to slide way surface distance	mm	450	480 / 550	650	780
	Quill feedrate	mm	NA	NA	NA	NA
	Turret head swivel angle	mm	NA	NA	NA	NA
Horizon	Spindle speed (60HZ)	rpm	45-1500rpm	45-1500rpm 18 steps (VH480, VH550)	45-1500rpm 18 steps	45-1500rpm 18 steps
	Spindle taper	N.S.T.	NT50	NT50 (VH480, VH550)	NT50 (VH480, VH550)	NT50
	Spindle center to table surface distance	mm	0-780	0-780 / 0-790	0-950	0-1000
	Spindle nose to table edge distance	mm	190	305 / 280	335	400
Motor	Spindle motor		10HP x 4P AC	10HP x 4P AC	15HP x 4P AC	15HP x 4P AC
	X axis feeding motor	kw	0.75 kw	2.5 kw	3 kw	3 kw
	Y axis feeding motor	kw	0.75 kw	2.5 kw	3 kw	3 kw
	Z axis feeding motor	kw	0.75 kw	2.5 kw	3 kw	3 kw
Dimensions	Net weight	kg	4200	5500 / 6000	7500	13500
	Gross weight	kg	5000 (40"HQ)	6500 / 7000 (40"HQ)	8500 (40"HQ)	15000 (20"HQ)
	Floor plan [LxWxH]		3500x3100x2750	4280x3780x2980 4500x3780x2980	5180x4080x3180	5880x4450x3180

All specifications and designs are subject to change without prior notice.

Bed Type Milling Machine

V Series (Vertical & Horizontal Head)

VT Series (Vertical & Horizontal Head)



JY-VT550/ VT630



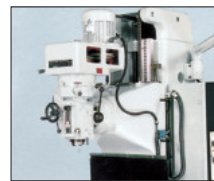
JY-V500



JY-V650A / V650B



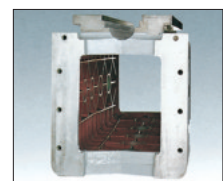
Vertical and horizontal milling head



Turret head



Vertical head



Vertical column

BED TYPE MILLING MACHINE SPECIFICATIONS

MODEL	UNIT	JY-VT 550 / JY-VT 630	JY-V 520	JY-V 500	JY-V 650A / JY-V 650B	
Table	Table size	mm	1500x450 / 1900x500	1500x450	1900x420	1900x500 / 2200x600
	X & Y axes travel	mm	1100x520 / 1300x600	1100x500	1300	1500 / 1700
	Z axis travel	mm	600 / 650	500	500	650
	T-slot (size x numbers x distance)	mm	18x5x80 / 18x5x80	18x5x80	600	700
	3 axes rapid feed rate	mm/min	25-1500 / 30-2800 (30-6000 PC-Based)	25-1500 (30-6000 PC-Based)	18x5x80	18x5x80 / 20x5x125
3 axes cutting feed rate	mm/min	1500 / 2800 (30-6000 PC-Based)	1500 (30-6000 PC-Based)	30-2800	30-2800	
Cutting Range Reference	Cutting length	mm	1100	1100	2800	2800
	Cutting width	mm	520 / 550	490	1300	1500 / 1700
	Cutting height	mm	600 / 650	500	470	650
	Loading weight	kg	1000 / 1500	1000	500	700
Vertical Spindle	Spindle speeds (60HZ)	rpm	75-3600 rpm 16 steps (ST) 80-3800 rpm Variable (OP)	45-1500 rpm Variable	1500	2000
	Spindle taper	N.S.T.	NT40	NT50	45-1500 18 steps	45-1500 18 steps
	Spindle nose to table surface distance	rpm	100-700 / 100-750	100-600	NT50	NT50
	Spindle center to slide way surface distance	mm	550 / 630	520	50-650	50-750
	Quill feedrate	mm	0.035 / 0.07 / 0.14	NA	500	650
	Turret head swivel angle		45°	NA	/	/
Horizon	Quill travel	mm	140	NA	/	/
	Spindle speeds (60HZ)	rpm	NA	NA	/	/
	Spindle taper	N.S.T.	NA	NA	/	/
Motor	Spindle nose to table surface distance	mm	NA	NA	10 HPx4P AC	10 HPx4P AC / 15 HPx4P AC
	Spindle Center to slide way surface distance	mm	NA	NA	2HP	2HP
	Spindle motor		Pole change motor	10HP x 4P AC	2HP	2HP
	X axis feeding motor	kw	1HP x 4P / 2HP	0.75	2HP	2HP
Dimensions	Y axis feeding motor	kw	1HP x 4P / 2HP	0.75	5200	7000 / 7500
	Z axis feeding motor	kw	1HP x 4P / 2HP	0.75	6000	8000 / 8500
	Net weight	kg	3400 / 5000	3800	2820x2555x2720	3010x2960x3002 3480x3460x3030
Dimensions	Gross weight	kg	4100 / 5800 (40"HQ)	4600 (40"HQ)	2920x2280x2550	3120x2290x2550 3670x2300x2510
	Floor plan [L x W x H]		3500x3100x2620 4280x3780x2980	3500x2900x2900		

All specifications and designs are subject to change without prior notice.

Knee Type Milling Machine Series Specifications



JY-2HT

JY-2VH



JY-2T



JY-2VHT



KT-200S

KNEE TYPE MILLING MACHINE SPECIFICATIONS

MODEL	UNIT	JY-2VH	JY-2T	JY-2HT	JY-2VHT	KT-200S	
Table	Table size	mm	1300 x 300		1300 x 300	1300 x 300	
	X axis travel	mm	1000		1000	750 Manual, 700 Auto	
	Y axis travel	mm	360 (390 Manual)		360 (390 Manual)	380 Manual, 360 Auto	
	Z axis travel	mm	450 (490 Manual)		450 (490 Manual)	380	
	T-slot (size x numbers x distance)	mm	16 x 3 x 63		16 x 3 x 63	16 x 3 x 63	
	X,Y axes feedrate (variable)	mm/min	2500		2500	-	
	X,Y axes rapid travel	mm/min	2500		2500	-	
Z axis rapid travel	mm/min	750		750	1400		
Vertical Spindle Turret head	Spindle speeds	rpm	/	16 steps, 75-3600 (standard) Variable, 80-3800 (optional)		16 steps, 75-3600 (standard) Variable, 80-3800 (optional)	
	Quill travel	mm	/	140		140	
	Quill feedrate (3 Steps)	mm/rev	/		0.14		0.035, 0.07, 0.14
	Spindle nose	/			N.S.T. 40#		NT40
	Swiveling angle of spindle head (R&L)	/			45°		45°
	Swiveling angle of overarm	/			360°		360°
	Overarm travel	rpm	/		660		600
Powerful vertical head	Spindle nose to table surface	mm	/		110-560		20-540
	Spindle center to column	mm	/		260-700		260-800
	Spindle speeds	rpm	9 steps, 85-1300	/	/	9 steps, 85-1300	/
	Spindle nose		N.S.T. 40#	/	/	N.S.T. 40#	/
Horizontal spindle Horizontal head	Spindle nose to table surface		0-386	/	/	0-386	/
	Spindle center to column		369	/	/	369	/
	Spindle speeds	rpm	9 steps, 85-1300	/	9 steps, 85-1300	9 steps, 85-1300	/
	Spindle nose (N.T.S.)		N.S.T. 40#	/	N.S.T. 40#	N.S.T. 40#	/
Motor	Dial of milling arbor	mm	25.4	/	25.4	25.4	/
	Spindle center to table surface	mm	0-450	/	0-450	0-450	/
	Spindle center to overarm bottom	mm	369	/	369	369	/
	Turret head spindle		/	5HP Pole change motor	5HP Pole change motor	5HP Pole change motor	/
	Horizontal spindle		5HPx4P AC motor	/	5HPx4P AC motor	5HPx4P AC motor	/
	Table longitudinal & cross Feedrate		750W Servo motor	750W Servo motor	750W Servo motor	750W Servo motor	/
	Vertical feedrate		1HPx6P AC motor	1HPx6P AC motor	1HPx6P AC motor	1HPx6P AC motor	/
Dimensions	Coolant pump		1/8HP	1/8HP	1/8HP	1/8HP	/
	Elevation motor		/	/	/	/	0.75 (1HP) AC motor
	Lubricator pump		/	/	/	/	80w
	Turret pump		/	/	/	/	3.5w
	External dimensions (LxWxH)	L	2060x1820x2240	2060x1820x2240	2060x1820x2240	2060x1820x2240	2060x1870x2487
Net weight (Approx)	kgs	2250/2550	2250/2550	2500/2800	2650/2950	2150/2450 kgs	

All specifications and designs are subject to change without prior notice.