



***CNC***  
***Product Range***

You Ji Machine Industrial Company Limited

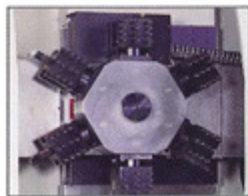
**YV Series**

**YV800ATC+C-APC**

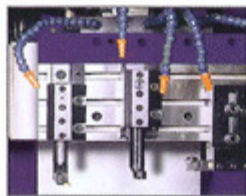


▲ YV320A

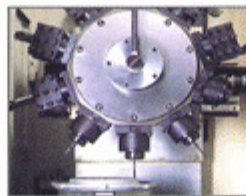
- APC: Automatic Pallet Changer (800~1600)
- A : Vertical Type Turret (250~1600)
- B : Gang Type Turret (200~600)
- C : Vertical Power Turret (320~500)
- E : Horizontal Type Turret (200~800)
- E+C : Horizontal VDI Driven Turret (200~800)
- ATC : Automatic Tool Changer (500~1600)
- ATC+C : Automatic Tool Changer + CF-axis Function (500~1600)
- Machine Model : 200,250,320,500,600,800,1000,1200,1600
- Vertical Turning Lathe



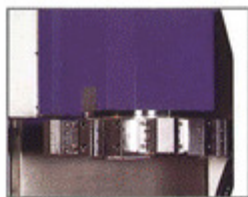
A type turret



B type turret



C type turret



E type turret



ATC turret



E+C type (V.D.I) turret



▲ YV1600ATC

	YV200	YV250	YV320	YV500	YV600	YV800	YV1000	YV1200	YV1600
Chuck diameter / Table diameter	Ø8"	Ø10"	Ø12"	Ø15"	Ø24"	Ø24"	Ø1000mm	Ø1250mm	Ø1600mm
Max. swing diameter	Ø400mm	Ø500mm	Ø600mm	Ø750mm	Ø850mm	Ø1000mm	Ø1350mm	Ø1600mm	Ø2000mm
Max. turning diameter	Ø250mm	Ø350mm	Ø450mm	Ø550mm	Ø750mm	Ø900mm	Ø1100mm	Ø1350mm	Ø1800mm
Max. turning height	200mm	250mm	300mm	500mm	600mm	700mm	700mm	1200mm	1200mm
Max. loading weight	200kg	300kg	500kg	1,200kg	1,800kg	3,000kg	4,000kg	5,000kg	8,000kg
Spindle motor	9/11kW	11/15kW	18.5/22kW	18.5/22kW	18.5/22kW	18.5/22kW	30/37kW	37/45kW	37/45kW
Spindle speed	50~3500min <sup>-1</sup>	50~2500min <sup>-1</sup>	50~2500min <sup>-1</sup>	50~2000min <sup>-1</sup>	20~1500min <sup>-1</sup>	1~600min <sup>-1</sup>	1~600min <sup>-1</sup>	1~350min <sup>-1</sup>	1~250min <sup>-1</sup>
Floor dimension	2880x1480mm	2950x1520mm	3350x1980mm	3560x2330mm	4400x2450mm	3700x2550mm	3800x4400mm	4000x4600mm	5550x5200mm
Machine height	2460mm	2610mm	3045mm	3500mm	4410mm	4000mm	4450mm	5200mm	5200mm

# CNC Vertical Turning Lathe

## YV / VTL Series

### VTL Series

#### VTL1600ATC+C-I-2R-APC



▲ VTL3000ATC+C

- APC : Automatic Pallet Changer (1000~2500)
- 2R : Double RAM (1600 and upward)
- I : Column Height Increased
- II : Column Height Increased
- ATC : Automatic Tool Changer
- ATC+C : Automatic Tool Changer + CF-axis Function
- Machine Model : 1000,1200,1600,2000,2500,3000,4000
- Vertical Turning Lathe (Symmetric design for column & base)



ATC  
(Automatic Tool Changer)



ATC+C  
(Complex milling solution)



APC  
(Automatic Pallet Changer)



▼ VTL2000ATC-2R

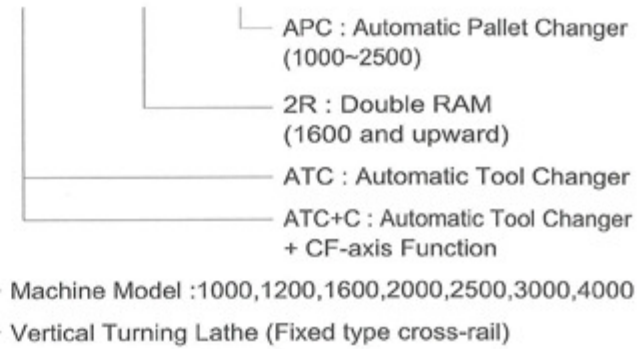
	VTL1000ATC	VTL1200ATC	VTL1600ATC	VTL2000ATC	VTL2500ATC	VTL3000ATC	VTL4000ATC
Table diameter	Ø1000mm	Ø1250mm	Ø1600mm	Ø2000mm	Ø2500mm	Ø3000mm	Ø4000mm
Max. swing diameter	Ø1350mm	Ø1600mm	Ø2000mm	Ø2500mm	Ø3000mm	Ø3600mm	Ø4700mm
Max. turning diameter	Ø1100mm	Ø1400mm	Ø1800mm	Ø2300mm	Ø2800mm	Ø3400mm	Ø4500mm
Max. turning height	900mm	1200mm	1200mm	1600mm	1600mm	1600mm	1600mm
Max. loading weight	4,000kg	5,000kg	8,000kg	10,000kg	15,000kg	20,000kg	30,000kg
Spindle motor	30/37kW	37/45kW	37/45kW	60/75kW	60/75kW	60/75kW	100kW
Spindle taper	BT-50	BT-50	BT-50	BT-50	BT-50	BT-50/BT-60	BT-50/BT-60
Spindle speed	1~600min <sup>-1</sup>	1~350min <sup>-1</sup>	1~250min <sup>-1</sup>	1~200min <sup>-1</sup>	1~160min <sup>-1</sup>	1~120min <sup>-1</sup>	1~60min <sup>-1</sup>
Floor dimension	4700x3900mm	5050x4170mm	5400x4500mm	5800x4700mm	6600x5300mm	7750x5700mm	9200x6555mm
Machine height	4500mm	4760mm	5300mm	6100mm	6550mm	7000mm	7000mm

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**VTS Series**



**VTS1000ATC+C-2R-APC**



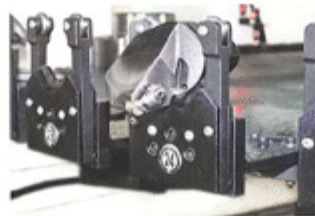
▲ VTS1600ATC+C

	VTS1000ATC	VTS1200ATC	VTS1600ATC	VTS2000ATC	VTS2500ATC	VTS3000ATC	VTS4000ATC
Table diameter	Ø1000mm	Ø1250mm	Ø1600mm	Ø2000mm	Ø2500mm	Ø3000mm	Ø4000mm
Max. swing diameter	Ø1350mm	Ø1600mm	Ø2000mm	Ø2500mm	Ø3000mm	Ø3600mm	Ø4800mm
Max. turning diameter	Ø1100mm	Ø1400mm	Ø1800mm	Ø2300mm	Ø2800mm	Ø3400mm	Ø4500mm
Max. turning height	800mm	800mm	800mm	800mm	800mm	1000mm	1000mm
Max. loading weight	4,000kg	5,000kg	8,000kg	10,000kg	15,000kg	20,000kg	30,000kg
Spindle motor	30/37kW	37/45kW	37/45kW	60/75kW	60/75kW	60/75kW	100kW
Spindle taper	Capto C6	Capto C6	Capto C6	Capto C6	Capto C6	Capto C6	Capto C6
Spindle speed	1~600min <sup>-1</sup>	1~350min <sup>-1</sup>	1~250min <sup>-1</sup>	1~200min <sup>-1</sup>	1~160min <sup>-1</sup>	1~120min <sup>-1</sup>	1~60min <sup>-1</sup>
Floor dimension	7500x5330mm	8100x5430mm	9100x5600mm	9700x5700mm	10350x6135mm	11000x6500mm	12000x7000mm
Machine height	5360mm	5550mm	5550mm	5930mm	5930mm	6800mm	6800mm

**Automatic Attachment Changer**



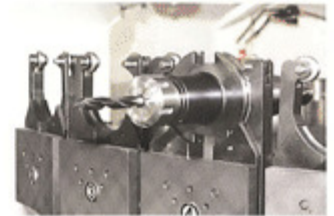
Turning tool in axial setting



Turning tool in radial setting



Live tool in axial setting



Live tool in radial setting

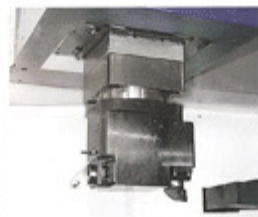
**Tool Head(Optional)**



Vertical facing head



90° milling head



Vertical and horizontal modular tool holder



Horizontal tool holder



Tool magazine

## CNC Vertical Turning Lathe

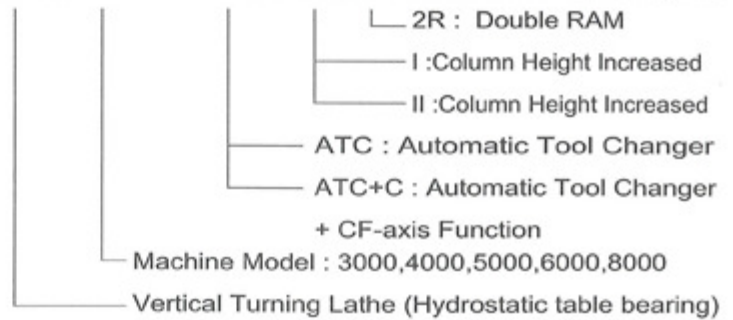
### VTS / VTH Series

#### VTH Series



▲ VTH3000ATC+C

#### VTH3000ATC+C-II-2R

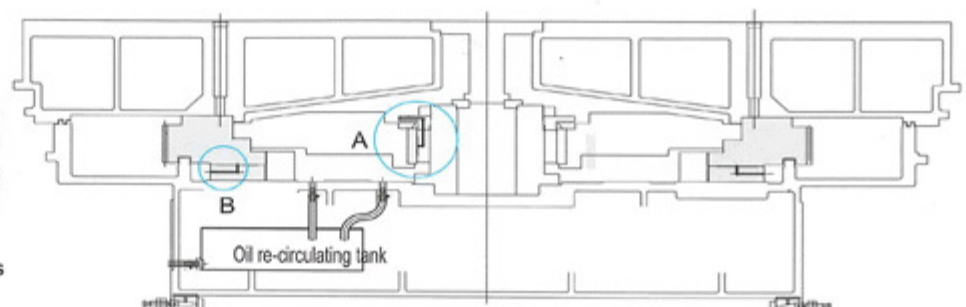
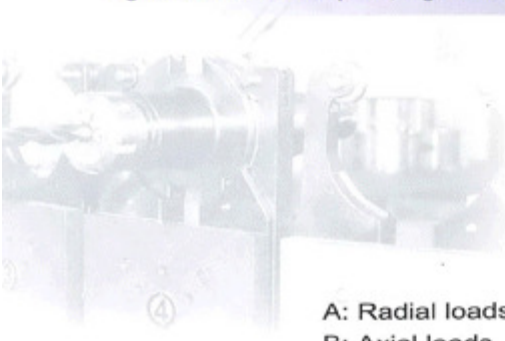


	VTH3000ATC	VTH4000ATC	VTH5000ATC	VTH6000ATC	VTH8000ATC
Table diameter	Ø3000mm	Ø4000mm	Ø5000mm	Ø6000mm	Ø8000mm
Max. swing diameter	Ø3600mm	Ø4800mm	Ø6400mm	Ø7400mm	Ø9400mm
Max. turning diameter	Ø3400mm	Ø4500mm	Ø5900mm	Ø6900mm	Ø8900mm
Max. turning height	1800mm	1800mm	2200mm	2200mm	2200mm
Max. loading weight	45,000kg	60,000kg	100,000kg	100,000kg	120,000kg
Spindle motor	60/75kW	100kW	100kW	100kW	100kW
Spindle taper	BT-50/BT-60	BT-50/BT-60	BT-50/BT-60	BT-50/BT-60	BT-50/BT-60
Spindle speed	1~75min <sup>-1</sup>	1~60min <sup>-1</sup>	1~40min <sup>-1</sup>	1~20min <sup>-1</sup>	1~10min <sup>-1</sup>
Floor dimension	7750x5700mm	9200x6555mm	15380x8000mm	16500x9000mm	18500x11000mm
Machine height	6950mm	6950mm	8450mm	8450mm	9450mm

### Hydrostatic working table features

- Low friction design for permanent life of working table
- Loading capacity depends on the hydrostatic oil film pressure, set by the pump pressures.
- Hydrostatic design allows high loads on working table.
- The oil film between the base of the machine and working table absorbs the cutting vibration and loads.
- A safety system controls the hydrostatic pressure for optimum safety.
- The oil pressure and oil film height is automatically set for maintenance free operation.

The principle of the hydrostatic system uses various pockets of oil, each pocket allows friction free running of the working table. There is no contact between running surfaces. This design is superior to a conventional roller bearing type machine, allowing higher vibration absorption, high table loads, and smooth operation.



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## YV Twin Series



▲ YV320 AR/AL



▲ YV200 ER/EL

	YV200 ER/EL	YV250 AR/AL ER/EL	YV320 AR/AL ER/EL	YV500 AR/AL ER/EL	YV600 AR/AL ER/EL	YV800 AR/AL ER/EL
Chuck diameter / Table diameter	Ø8"	Ø10"	Ø12"	Ø15"	Ø24"	Ø24"
Max. swing diameter	Ø400mm	Ø500mm	Ø600mm	Ø750mm	Ø850mm	Ø1000mm
Max. turning diameter	Ø250mm	Ø350mm	Ø450mm	Ø550mm	Ø750mm	Ø900mm
Max. turning height	200mm	250mm	300mm 400mm	500mm 600mm	600mm	700mm
Spindle motor	9/11kW	11/15kW	18.5/22kW	18.5/22kW	18.5/22kW	18.5/22kW
Turret type	Horizontal	Vertical Horizontal	Vertical Horizontal	Vertical Horizontal	Vertical Horizontal	Vertical Horizontal
Spindle speed	50~3500min <sup>-1</sup>	50~2500min <sup>-1</sup>	50~2500min <sup>-1</sup>	20~2000min <sup>-1</sup>	20~1500min <sup>-1</sup>	10~600min <sup>-1</sup>
Floor dimension	2880x2960mm	2950x3100mm	3350x3540mm	3560x3800mm	4400x4700mm	3700x5100mm
Machine height	2460mm	2610mm	3045mm	3500mm	4410mm	4000mm

## YV Double turret series / Double turret and pallet changer series



▲ YV500E2T

Double turret series

Double turret and pallet  
changer series

	YV500E2T	YV600E2T
Max. swing diameter	Ø700mm	Ø850mm
Max. turning diameter	Ø550mm	Ø750mm
Max. turning height	270mm	350mm
Spindle motor	37/45kW	60/75kW
Spindle nose	A2-11	A2-11
Spindle speed	20~2200min <sup>-1</sup>	20~1500min <sup>-1</sup>
Turret type	Vertical (6 station)x2	Vertical (6 station)x2
Floor dimension	3880x2935mm	4830x3935mm
Machine height	2895mm	3640mm

	YV500E2T2P	YV600E2T2P
Max. swing diameter	Ø700mm	Ø850mm
Max. turning diameter	Ø550mm	Ø750mm
Max. turning height	270mm	350mm
Spindle motor	37/45kW	60/75kW
Spindle nose	A2-11	A2-11
Spindle speed	20~2200min <sup>-1</sup>	20~1500min <sup>-1</sup>
Turret type	Vertical (6 station)	Vertical (6 station)
Floor dimension	3880x2935mm	4830x3935mm
Machine height	2895mm	3640mm

## CNC Vertical Turning Lathe

### YV / YR / HV Series

#### YR Vertical Turning Lathe- Inverted Spindle Series



▲ YR320



▲ YR15-2S

	YR200	YR320	YR500	YR600	YR15-2S
Chuck diameter	Ø8"	Ø10"	Ø12"	Ø15"	Ø4"
Max. swing diameter	Ø320mm	Ø400mm	Ø520mm	Ø700mm	Ø140mm
Max. turning diameter	Ø250mm	Ø350mm	Ø450mm	Ø620mm	Ø120mm
Max. turning height	200mm	250mm	250mm	350mm	100mm
Spindle motor	7.5/11kW	15/22kW	15/22kW	37/45kW	5.5/7.5kW
Spindle speed	30~4000min <sup>-1</sup>	30~4000min <sup>-1</sup>	30~2500min <sup>-1</sup>	30~2100min <sup>-1</sup>	30~4000min <sup>-1</sup>
Floor dimension	2400x2200mm	2800x2620mm	4000x3500mm	5000x3700mm	2200x2200mm
Machine height	2800mm	2900mm	3500mm	3500mm	2310mm

#### HV Vertical Turning Lathe With Inverted Spindle Lathe Series



▲ HV320



HV320

	Inverted Spindle Lathe (OP1)	Vertical Turning Lathe(OP2)
Chuck diameter	Ø12"	Ø12"
Max. swing diameter	Ø500mm	Ø500mm
Max. turning diameter	Ø350mm	Ø350mm
Max. turning height	250mm	250mm
Spindle motor	18.5/22kW	18.5/22kW
Turret type	Horizontal	Horizontal
Spindle nose	A2-8	A2-8
Spindle speed	30~4000min <sup>-1</sup>	50~2100min <sup>-1</sup>
Floor dimension	4400x3670mm	
Machine height	3345mm	

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**YH Series**



▲ YH50 /300

**YH50+C/300**

- Max. Turning Length
- C-axis Function (20 and upward)
- Machine Model: 15,20,21,28,36,50,60
- Horizontal Turning Lathe

Model	Max. turning length
YH15	120mm
YH20	450mm
YH21	450mm
YH28	550/1050mm
YH36	750/1350/2000/3000mm
YH50	1500/2000/3000/4000mm
YH60	2000/3000/4000mm



▲ YH28



▲ YH15

	YH15	YH20	YH21	YH28	YH36	YH50	YH60
Chuck diameter	Ø6"	Ø8"	Ø8"	Ø10"	Ø15"	Ø18"	Ø24"
Max. swing diameter	Ø250mm	Ø560mm	Ø560mm	Ø680mm	Ø720mm	Ø800mm	Ø900mm
Max. turning diameter	Ø190mm	Ø415mm	Ø415mm	Ø430mm	Ø600mm	Ø680mm	Ø720mm
Bar capacity	Ø42mm	Ø52mm	Ø52mm	Ø75mm	Ø90mm	Ø115 mm	Ø152 mm
Spindle motor	7.5/11 kW	11/15 kW	9/11 kW	18.5/22 kW	30/37 kW	37/45 kW	37/45 kW
Turret type	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Spindle nose	A2-5	A2-6	A2-6	A2-8	A2-11	A2-11	A2-15
Spindle speed	40~4500min <sup>-1</sup>	40~4000min <sup>-1</sup>	40~4000min <sup>-1</sup>	40~3000min <sup>-1</sup>	25~2000min <sup>-1</sup>	25~1500min <sup>-1</sup>	25~900min <sup>-1</sup>
Machine length	2780mm	3520mm	3520mm	3680~4180mm	5020~7770mm	5580~8700mm	7730~9730mm
Machine width	1440mm	1695mm	1680mm	1750~1940mm	2270~2460mm	2270~2505mm	2505mm
Machine height	1670mm	1685mm	1685mm	2010mm	2300mm	2320mm	2600mm

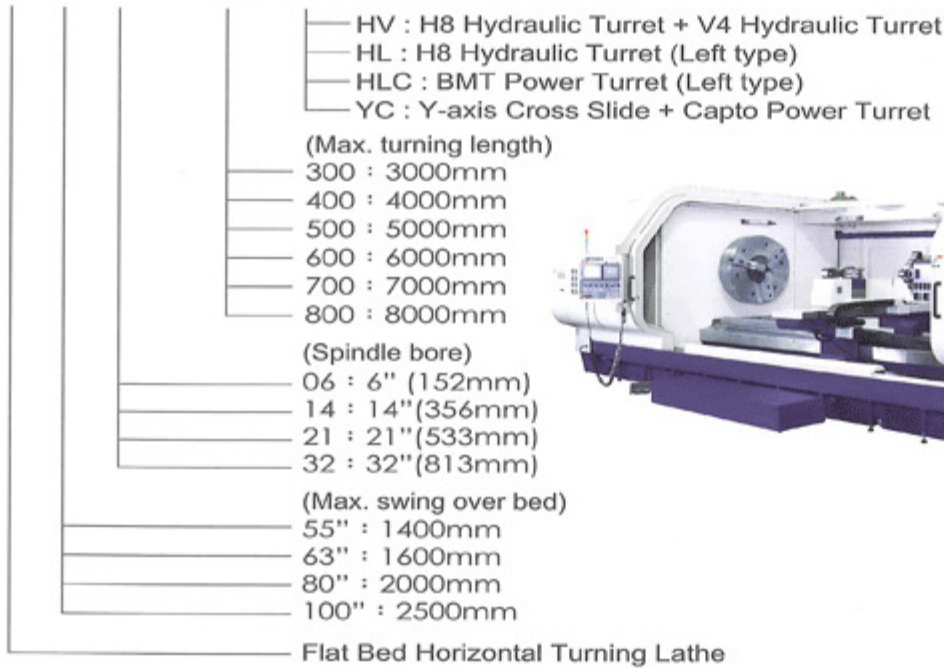


# CNC Horizontal Turning Lathe

## YH / YB Series

### YB Series

#### YB55 06 / 300 HV



▲ YB63 06/500 HV

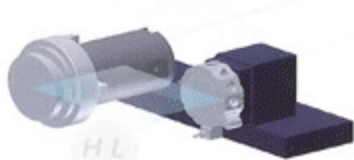
#### ■ HV turret



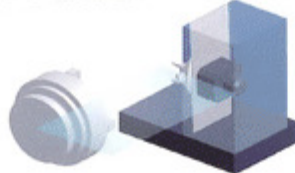
#### ■ HL turret



#### ■ HLC turret



#### ■ YC turret



	YB55	YB63	YB80	YB100
Max. turning length	3000/4000/5000/6000/7000/8000mm			
Swing over cross slide	Ø800mm	Ø1000mm	Ø1400mm	Ø1800mm
Swing over bed	Ø1400mm	Ø1600mm	Ø2000mm	Ø2500mm
Max. turning diameter(cross slide)	Ø800mm	Ø1000mm	Ø1400mm	Ø1800mm
Max. turning diameter(bed)	Ø1100mm	Ø1300mm	Ø1700mm	Ø2100mm
Spindle motor	37/45kW	37/45kW	37/45kW	37/45kW
Quill travel	250mm	250mm	250mm	250mm
Machine length	9380/10380/11380/12380/13380/14380mm			
Machine width	4000mm	4300mm	4900mm	5500mm
Machine height	2950mm	3200mm	3700mm	4100mm

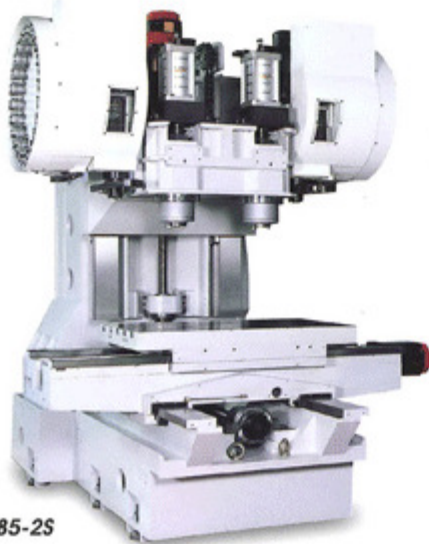
### Choice of spindle and chuck

NO	Spindle diameter	Spindle speed		Spindle nose	Spindle bore	Max. loading weight	Optional(hollow)	
							4 jaws manual chuck	3 jaws hydraulic chuck
1	Ø220	1~150 150~350 350~1000	3 steps	A2-15	Ø152(6")	10000kg	610(24")	610
							710(28")	800
							813(32")	-
2	Ø457.2	1~150 150~350 350~400	3 steps	A2-20	Ø356(14")	12000kg	813(32")	-
							915(36")	-
							1000(40")	-
3	Ø580	1~35 35~85 85~250	3 steps	Ø600	Ø533(21")	14000kg	1000(40")	-
							1250(49")	-
							1400(55")	-
4	Ø901.7	1~35 35~85 85~160	3 steps	Ø900	Ø813(32")	15000kg	1400(55")	-
							1600(63")	-
							1800(71")	-

Unit : mm

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## ▶ VM/VMC/VTM/VLM Series

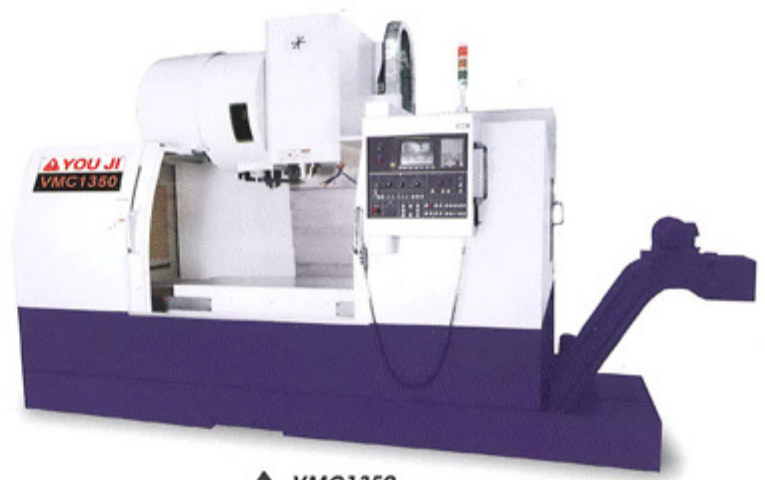


▲ VM85-2S

	VM85-2S	VM110-2S	VM135-2S
X-axis travel	460mm	620mm	900mm
Y-axis travel	600mm	600mm	700mm
Z-axis travel	600mm	600mm	700mm
Spindle nose to table	100~700mm	100~700mm	100~800mm
Max. loading weight	800kg	800kg	1200kg
Spindle speed	6000min <sup>-1</sup>	6000min <sup>-1</sup>	4500min <sup>-1</sup>
Spindle taper	BT-40	BT-40	BT-50
Table dimension	1000x550mm	1260x550mm	1650x700mm
Floor dimension	3470x2330mm	3875x2465mm	4100x3800mm
Machine height	3030mm	3030mm	3090mm



▲ VMC1100



▲ VMC1350

	VMC850	VMC1100	VMC1350	VMC1600	VTM850	VTM1100	VLM850	VLM1100
X-axis travel	850mm	1100mm	1350mm	1500mm	850mm	1100mm	850mm	1100mm
Y-axis travel	600mm	600mm	700mm	800mm	600mm	600mm	600mm	600mm
Z-axis travel	600mm	600mm	700mm	700mm	600mm	600mm	600mm	600mm
Spindle nose to table	100~700mm		110~810mm	200~900mm	100~700mm		100~700mm	
Spindle speed	8000min <sup>-1</sup>	8000min <sup>-1</sup>	4500min <sup>-1</sup>	4500min <sup>-1</sup>	8000min <sup>-1</sup>	8000min <sup>-1</sup>	8000min <sup>-1</sup>	8000min <sup>-1</sup>
Spindle taper	BT-40	BT-40	BT-50	BT-50	BT-40	BT-40	BT-40	BT-40
Table dimension	1000x550mm	1260x550mm	1500x650mm	1700x815mm	1000x550mm	1260x550mm	1000x550mm	1260x550mm
Floor dimension	2515x3780mm	2515x4180mm	2785x4660mm	3800x5760mm	2515x3780mm	2515x4180mm	2515x3780mm	2515x4180mm
Machine height	3030mm	3030mm	3300mm	3320mm	3030mm	3030mm	3030mm	3030mm
	X-axis/Y-axis/Z-axis : Box guide way				X-axis/Y-axis : Linear guide way Z-axis : Box guide way		X-axis/Y-axis/Z-axis : Linear guide way	

## CNC Vertical Machining Center

### VM / VMC / VTM / VLM / GMC / MCR Series

#### ► GMC Series (Gantry Type Machining Center)

##### GMC1400 A

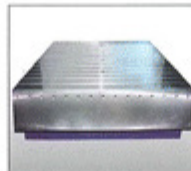


▲ GMC1400A+C

- T : Fixed Table
- S : Swing Table
- A : A-axis Rotary Table
- A+C : A-axis Rotary Table + C-axis Rotary Table
- X-axis Travel
- Gantry Type Machining Center

##### GMC1400

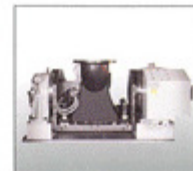
Distance between columns	2100mm
X-axis travel	1400mm
Y-axis travel	1400mm
Z-axis travel	700mm
Spindle speed	10000min <sup>-1</sup>
Max. loading weight	5000kg
Floor dimension	5100x3950mm
Machine height	4300mm



T : Fixed Table  
(1500x1500mm)



S : Swing Table  
(1200x1200mm)

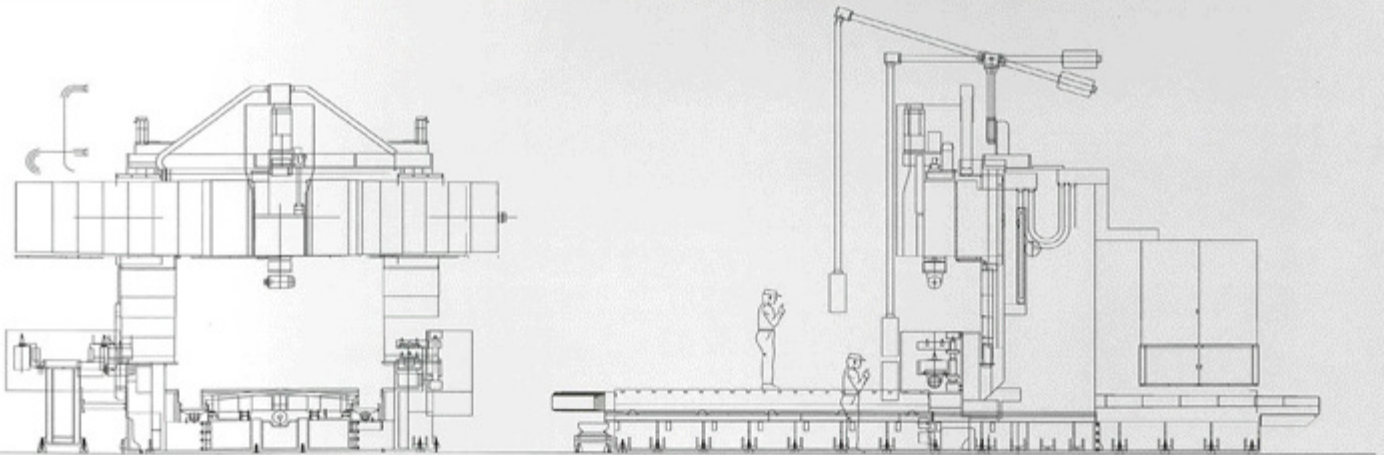


A : A-axis Rotary Table  
(700x450mm)



A+C : A-axis Rotary Table + C-axis Rotary Table  
(Ø550mm)

#### ► MCR Series (Double Column 5-Face Machining Center)



##### MCR25/40

##### MCR35/50

##### MCR42/60

Table dimension	4000x2000mm	5000x2500mm	6000x3300mm
Distance between columns	2500mm	3500mm	4200mm
X-axis travel	4200mm	5200mm	6200mm
Y-axis travel	2900mm	3900mm	4600mm
Z-axis travel	700mm	700mm	700mm
W-axis travel	1100mm	1100mm	1500mm
Spindle speed	3500min <sup>-1</sup>	3500min <sup>-1</sup>	3500min <sup>-1</sup>
Max. loading weight	20000kg	30000kg	40000kg
Floor dimension	12500x8000mm	14000x9000mm	17000x10000mm
Machine height	7600mm	7600mm	8000mm

##### MCR35/ 50

- Table Length
- Distance Between Columns
- Double Column 5-Face Machining Center

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## YM Series



▲ YM40

	YM30	YM40
X-axis travel	500mm	600mm
Y-axis travel	500mm	500mm
Z-axis travel	500mm	500mm
Spindle speed	10000min <sup>-1</sup>	10000min <sup>-1</sup>
Number of tools	24pcs	24pcs
Max. tool length	250mm	300mm
Spindle taper	BT-30	BT-40
Spindle motor	3.7/5.5kW	7.5/11kW
Table dimension	500x400mm	500x500mm
Floor dimension	3055x1300mm	4758x1890mm
Machine height	2320mm	2770mm

## HMC Series

### HMC500BP

- B : B-axis Rotary Table
- BP : B-axis Rotary Table + Automatic Pallet Changer
- Machine Model : 500,630,800,1000,1200,1600,2000,2500
- Horizontal Machining Center



▲ HMC1600B



■ Swing Table



■ Shuttle type APC

	HMC500	HMC630	HMC800	HMC1000	HMC1200	HMC1600	HMC2000	HMC2500
X-axis travel	800mm	1050mm	1300mm	1500mm	1800mm	2200mm	3200mm	3400mm
Y-axis travel	800mm	800mm	1000mm	1000mm	1500mm	1500mm	1800mm	1800mm
Z-axis travel	800mm	1000mm	1200mm	1200mm	1500mm	1500mm	1500mm	2000mm
W-axis travel	N/A	N/A	N/A	600mm	700mm	700mm	700mm	700mm
Max. loading weight	500kg	1,000kg	2,000kg	3,000kg	5,000kg	8,000kg	10,000kg	15,000kg
Spindle speed	8000min <sup>-1</sup>	8000min <sup>-1</sup>	6000min <sup>-1</sup>	3500min <sup>-1</sup>	3500min <sup>-1</sup>	3500min <sup>-1</sup>	3500min <sup>-1</sup>	3500min <sup>-1</sup>
Spindle taper	BT-50	BT-50	BT-50	BT-50	BT-50	BT-50	BT-50	BT-50
Spindle motor	15/18.5kW	15/18.5kW	22/26kW	22/26kW	22/26kW	30/37kW	30/37kW	30/37kW
Table dimension	500x500mm	630x630mm	800x800mm	1200x1000mm	1400x1200mm	1600x1600mm	2200x1800mm	2600x2200mm
Floor dimension	4000x3600mm	4500x3970mm	5250x4460mm	5600x4720mm	5870x5120mm	6830x5350mm	7000x6280mm	9670x6720mm
Machine height	3100mm	3100mm	3660mm	3660mm	4560mm	4560mm	4660mm	4780mm

## CNC Horizontal Machining Center

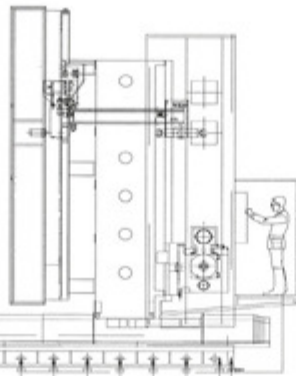
### YM / HMC / HFB / HFM / HBM Series

#### ▶ HFB/HFM Series (Horizontal Floor Type Boring and Milling Machine)

##### HFB150/05 03

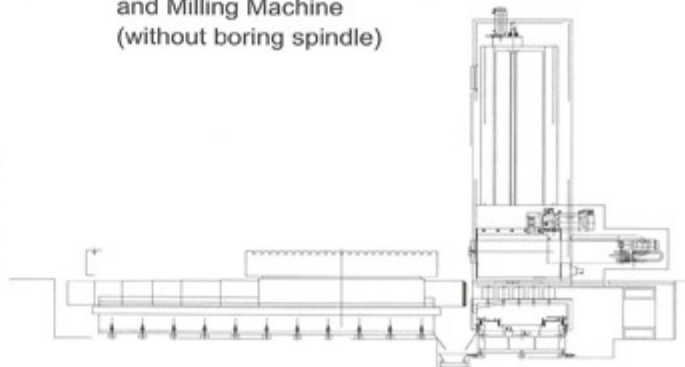
Y-axis Travel  
X-axis Travel  
Boring Spindle Diameter  
Horizontal Floor type Boring and Milling Machine

Optional	
Rotary table	Fixed table
2000x2500mm	2000x2500mm
2500x3000mm	3000x4000mm
3000x3500mm	3500x6000mm
3200x4000mm	4000x8000mm



##### HFM400/05 03

Y-axis travel  
X-axis travel  
RAM Dimension  
Horizontal Floor type Boring and Milling Machine (without boring spindle)



	HFB150/0402 HFM400/0402	HFB150/0503 HFM400/0503	HFB150/0803 HFM400/0803	HFB150/1003 HFM400/1003	HFB180/1204 HFM500/1204	HFB180/1404 HFM500/1404
RAM dimension	400x400mm	400x400mm	400x400mm	400x400mm	500x500mm	500x500mm
Boring spindle diameter	Ø150mm N/A	Ø150mm N/A	Ø150mm N/A	Ø150mm N/A	Ø180mm N/A	Ø180mm N/A
X-axis travel	4000mm	5000mm	8000mm	10000mm	12000mm	14000mm
Y-axis travel	2500mm	3000mm	3000mm	3000mm	4000mm	4000mm
W-axis travel	700mm	700mm	700mm	700mm	900mm	900mm
Z-axis travel	700mm N/A	700mm N/A	700mm N/A	700mm N/A	900mm N/A	900mm N/A
Spindle speed	2000min <sup>-1</sup>	2000min <sup>-1</sup>	2000min <sup>-1</sup>	2000min <sup>-1</sup>	2000min <sup>-1</sup>	2000min <sup>-1</sup>
Floor width	7350mm	8350mm	11350mm	13350mm	15350mm	17350mm
Machine height	6350mm	6350mm	6350mm	6350mm	7350mm	7350mm

#### ▶ HBM Series (Quill Type Horizontal Machining Center)

##### HBM1600 BP

B : B-axis Rotary Table  
BP : B-axis Rotary Table + Automatic Pallet Changer  
Machine Model : 1600,2000,2500  
Quill type Horizontal Machining Center

	HBM1600	HBM2000	HBM2500
Quill diameter	Ø130mm	Ø130mm	Ø130mm
X-axis travel	2200mm	3200mm	3400mm
Y-axis travel	1500mm	1800mm	1800mm
Z-axis travel	1500mm	1500mm	2000mm
W-axis travel	700mm	700mm	700mm
Spindle speed	3000min <sup>-1</sup>	3000min <sup>-1</sup>	3000min <sup>-1</sup>
Table dimension	1600x1600mm	2200x1800mm	2600x2200mm
Floor dimension	7045x5350mm	8070x6380mm	8570x7080mm
Machine height	4400mm	4500mm	5200mm



▲ HBM1600BP

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## **CNC Aluminum Wheel Special Purpose Machine**



▲ YHW36

### **YHW36**

Chuck diameter	Ø15" solid
Max. swing diameter	Ø740mm
Max. turning diameter	Ø620mm
X-axis travel	320+50mm
Z-axis travel	760mm
Spindle speed	25-2500min <sup>-1</sup>
Turret type	Horizontal
Floor dimension	4800x2325mm
Machine height	2200mm



▲ WHM600

### **WHM600**

X-axis travel	800mm
Y-axis travel	700mm
W-axis travel	500mm
Spindle speed	8000min <sup>-1</sup>
Max. tool length	260mm
Spindle taper	BT-40
Floor dimension	4560x2960mm
Machine height	3345mm



▲ WV600E

### **WV550E**

### **WV600E**

Chuck diameter	Ø18"	Ø24"
Max. swing diameter	Ø750mm	Ø900mm
Max. turning diameter	Ø650mm	Ø700mm
Max. turning height	250mm	350mm
Spindle motor	18.5/22kW	18.5/22kW
Turret type	Vertical	Vertical
Spindle nose	A2-11	A2-11
Spindle speed	20-2000min <sup>-1</sup>	20-1500min <sup>-1</sup>
Floor dimension	3300x2430mm	3350x2200mm
Machine height	3600mm	3600mm

## CNC Special Purpose Machine

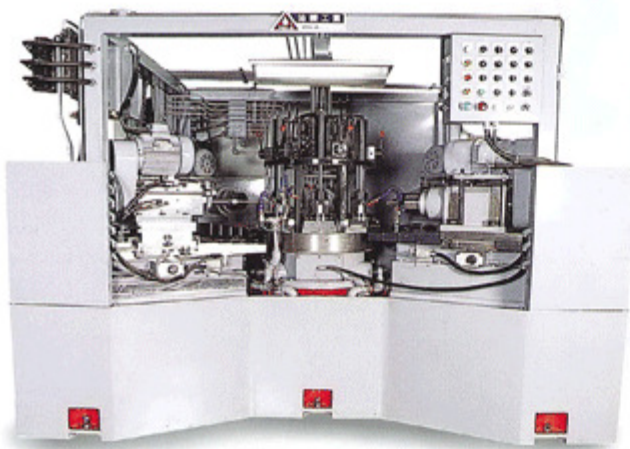
### YHW / WHM / WV Series



▲ WV600E2T

	WV550E2T	WV600E2T
Chuck diameter	Ø18"	Ø24"
Max. swing diameter	Ø750mm	Ø900mm
Max. turning diameter	Ø650mm	Ø700mm
Max. turning height	250mm	350mm
Spindle motor	37/45kW	60/75kW
Turret type	Vertical	Vertical
Spindle nose	A2-11	A2-11
Spindle speed	20-2000rpm	20-1500rpm
Floor dimension	3900x2900mm	4350x3000mm
Machine height	3600mm	3600mm

## NC Special Purpose Machine



▲ YJ215



▲ 8 Station Trunnion Machine



## Product Range

- CNC Vertical Turning Lathe
- CNC Horizontal Turning Lathe
- CNC Vertical Machining Center
- CNC Horizontal Machining Center
- NC Special Purpose Machine
- Automatic Production Line



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