



- 1978 YOU JI was established at Bali Township, Taipei, mainly produced single function machines, special purpose machines and boring machines
- 1981 Due to plant expansion, the company moved to Kaohsiung County.
- 1991 Successfully researched and developed medium-sized CNC vertical turning lathe- YV series.
- 1992 Horizontal Turning Lathe with Hydraulic Turret design was submitted to the domestic market. You Ji has been the first company successfully to develop and build hydraulic system into CNC lathe in Taiwan. In the same year, the second factory was established and You JI started to export its products into global market.
- 1993 Turnover was increased to NT\$50 millions.
- 1994 More than 20 exclusive local agents and all over the world had been established.
- 1995 Turnover was increased to NT\$90 millions.
- 1996 Qualification of CE norm.
- 1997 Qualification of EMC certificate and extended the plant to 10,000 square meter.
- 1998 Successfully researched and developed CNC vertical machining center-VMC series.
- 1999 Successfully researched and developed CNC vertical turning lathe-VTL series.
- 2000 CNC reverse turning lathe YR-320 series was development successfully.
- 2001 You Ji has been the first company successfully to develop and build the multi- function vertical turning lathe.
- 2002 Subsidiary was established at Kun Shan, China.
- 2003** VMC1100-2S Vertical machine center with 2 spindle to be presented to the public.
- 2004 Successfully researched and developed CNC horizontal machining center-HMC series, and qualified of ISO9001 in the same year.
- 2005 Extended the plant to 17,500 square meter.
- 2006 Vertical lathe with Auto pallet changer, special design for bearing manufacture- VTS series, double RAM vertical turning lathe to be presented to the public. Turnover was increased to NT\$2 billions.
- 2007 Successfully researched and developed CNC heavy duty flat bed turning lathe -YB series and VTL3000ATC, VTL4000ATC to be presented to the public . You Ji is in the leading position of big vertical lathe manufacture. The plant in Kun Shan, China was established.
- 2008 Successfully researched and developed huge turning lathe equipments with hydrostatic bearing- VTH series and CNC gantry type machining center. Turnover was increased to NT\$4.5 billions.
- 2009 Successfully researched and developed horizontal floor type milling and boring machine as well as double column 5 faces machining center.



Over 30 years experience, You Ji obtained customers' support in Design and quality of machine. There are many of machines to meet customers' different need. Table diameter from Ø200 to Ø8000mm. You Ji is the first machine manufacturer passed C.E. and EMC and begin sales in Europe market. You Ji is the biggest vertical lathe manufacturer in Taiwan.

The cooperation between You Ji and other advanced machine manufacturers helps to upgrade the quality of You Ji products and expect to provide customers the best and the soonest service in business.



There is no secret for running a manufacturing business. The most important issue is to be aware of the latest industrial information, to collect and analyze information efficiently, and to transform them into the appropriate products at the right time for the right people. As well as to create as much value as possible for the customers, and simultaneously, the development of both parties is continued in the win-win situations.

This is You Ji's business philosophy since its establishment in 1977. In practice, the utilization of the high precision manufacturing facilities and the adoption of the strict assembly control with rigorous inspection in the factory always ensures the perfect completion of each machine.

Our goal is always to meet customers' applications by collaborating and exchanging information with the international manufacturers, and continuously developing and upgrading the techniques and design in production, in order to offer higher quality products and prompt after-sale services. Therefore, the customers are thoroughly satisfied and benefited from its 26 years great experience and the total commitment.

Based on management philosophy, as a stand-alone machine or as part of a flexible manufacturing system, the versatile design configuration of You Ji's products would be your best choice in any aspect of industrial application:

- Decreased gravitational and centrifugal forces maintain zero elliptical motion during cutting giving optimum roundness.
- Excellent surface contact between work-piece and chuck to ensure higher precision machining on all YV series machines.
- Easy to loading & unloading for irregular-shaped and heavy-duty work-pieces.
- Vertical turning lathe occupies less floor-space in setting up.
- Vertical turning lathe is based on ergonomics designed and simple to link with the automatic production line.

CNC horizontal machine center

YM SERIES



☑ This machine is designed for the movable column and fixed type Table which can not transform the load of transmission system and ensure the reliable accuracy at rapid traverse characteristic.

☑ The sliding unit is fitted to high rigid roller linear guide way and ensures high rigidity and rapid traverse.

☑ The supply of the machines meets the customer demand and it is easy for the production line.

☑ It is suitable for wet & dry machining and occupies less floor space & more flexibility in order to adjust the production line for a variety of customer demand.

☑ It is modules design and simple to integrate into the production lines and a variety of working processes.

CNC horizontal
machine center

HMC SERIES



Specifications:

ITEMS		UNIT	HMC-500	HMC-630	HMC-800	HMC-1000
Axis Travel	X-axis	mm	800	1050	1300	1300
	Y-axis	mm	700	850	1000	1000
	Z-axis	mm	800	1000	1200	1200
Spindle	W-axis	mm	N/A	N/A	600	600
	Spindle speed	r.p.m	8000	8000	3500	3500
ATC system	No. of tool	pcs	24	32	40	40
	Max. diameter of tool	mm	ø 120	ø 125	ø 125	ø 125
	Max.tool length	mm	260	450	450	450
	Max.tool weight	kg	6	15	15	15
Motor	ATC type		Arm type	Arm type	Arm type	Arm type
	Type of tool holder		BT-40	BT-50	BT-50	BT-50
Table	Spindle Motor	kw	15/18.5	15/18.5	22/26	22/26
	Servo motor	kw	3.8	4.5	4.5	4.5
Rapid Traverse	Table size	mm	500x500	630x630	800x800	1000x1000
	Max.loading weight	kg	500	2,000	3,000	5,000
	Size of T-slots	mm	N/A	N/A	22x5 slot	22x7 slot
Others	X-axis rapid traverse	m/min	30	20	20	20
	Y-axis rapid traverse	m/min	30	20	20	20
	Z-axis rapid traverse	m/min	N/A	N/A	16	16
	W-axis rapid traverse	m/min	16	16	16	16
ATC system	Controller (FANUC)		0i-M	0i-M	18i-M	18i-M
	Machine Weight	kg	13,000	18,000	25,000	30,000
	Floor dimension	mm	2280x4125	4130x5200	4460x5250	4720x5500
	Power capacity	KVA	50	60	80	80
	Coolant tank	L	400	500	600	600

ITEMS		UNIT	HMC-1200	HMC-1600	HMC-2000	HMC-2500
Axis Travel	X-axis	mm	1500	2200	3000	3400
	Y-axis	mm	1500	1600	1800	1800
	Z-axis	mm	1500	1500	1500	2000
Spindle	W-axis	mm	700	700	700	700
	Spindle speed	r.p.m	3500	3500	3500	3500
ATC system	No. of tool	pcs	40	40	40	40
	Max. diameter of tool	mm	ø 125	ø 125	ø 125	ø 125
	Max.tool length	mm	450	450	450	450
	Max.tool weight	kg	15	15	15	15
Motor	ATC type		Arm type	Arm type	Arm type	Arm type
	Type of tool holder		BT-50	BT-50	BT-50	BT-50
Table	Spindle Motor	kw	22/26	22/26	22/26	22/26
	Servo motor	kw	4.5	4.5	4.5	4.5
Rapid Traverse	Table size	mm	1400x1200	1400x1600	1800x2200	2200x2600
	Max.loading weight	kg	6,000	8,000	10,000	15,000
	Size of T-slots	mm	22x7 slot	22x9 slot	22x11 slot	22x11 slot
Others	X-axis rapid traverse	m/min	20	20	20	20
	Y-axis rapid traverse	m/min	20	20	20	20
	Z-axis rapid traverse	m/min	16	16	16	16
	W-axis rapid traverse	m/min	16	16	16	16
ATC system	Controller (FANUC)		18i-M	18i-M	18i-M	18i-M
	Machine Weight	kg	40,000	48,000	50,000	60,000
	Floor dimension	mm	4640x5870	5350x6555	6380x6955	7080x7655
	Power capacity	KVA	80	80	80	80
	Coolant tank	L	600	800	800	800