



# VISION WIDE



TAIWAN EXCELLENCE  
2008

Pursing better performance, Creating a new bench mark

## GENERAL BROCHURES



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# DV SERIES

## Vertical Machining Center



MODEL	UNIT	DV-I170	DV-I270	DV-I470
X / Y / Z - travel	mm	1,100 x 720 x 610 / 680	1,270 x 720 x 610 / 680	1,400 x 720 x 610 / 680
Working surface	mm	1,150 x 700	1,350 x 700	1,550 x 700
Max. Table load weight	Kg	1,200	1,600	2,000
Distance from spindle end to table (ISO 40)	mm	150 ~ 760		
Distance from spindle end to table (ISO 50)	mm	114 ~ 724 / 170 ~ 850		
Distance from spindle center to column	mm	745		
Spindle drive motor	kW	11 / 15 or 15 / 18.5		
Spindle speed (gear)	rpm	50 ~ 6,000		
Spindle speed (pulley)	rpm	50 ~ 8,000 / 10,000 / 12,000		
Spindle taper		ISO 40 / ISO 50		
Cutting feed	mm/min	1 ~ 7,000		
X-Y-Z Rapid traverse	m/min	X/Y/Z: 15		
Tool magazine capacity	pcs	24		
Machine weight	Kg	8,200	9,200	10,200
Floor space (L x W x H)	mm	5,550 x 4,415 x 2,850	5,550 x 4,415 x 2,850	5,950 x 4,415 x 2,850

★ Gear head

# VB SERIES

## Double Column Machining Center



MODEL	單位	VB-1516	VB-2016	VB-2516	VB-3016	VB-2020	VB-2520	VB-3020	VB-4020
X / Y / Z - travel	mm	1,500 x 1,600 x 800	2,000 x 1,600 x 800	2,500 x 1,600 x 800	3,100 x 1,600 x 800	2,000 x 2,000 x 800	2,500 x 2,000 x 800	3,100 x 2,000 x 800	4,100 x 2,000 x 800
Working surface	mm	1,500 x 1,300	2,000 x 1,300	2,500 x 1,300	3,100 x 1,300	2,000 x 1,700	2,500 x 1,700	3,100 x 1,700	4,100 x 1,700
Max. Table load weight	Kg	7,000	8,000	9,000	10,000	9,000	10,000	11,000	12,000
Distance from spindle end to table	mm	150 ~ 950							
Distance from spindle center to column	mm	430							
Distance between columns	mm	1,700				2,100			
Spindle drive motor	kW	18.5 / 22 or 22 / 26							
Spindle speed (gear)	rpm	50 ~ 4,500 / 6,000							
Spindle speed (pulley)	rpm	50 ~ 8,000 / 10,000							
Spindle taper		ISO 50							
Cutting feed	mm/min	1 ~ 7,000							
X-Y-Z Rapid traverse	m/min	X/Y/Z: 15				X/Y: 12 / Z: 15			
Tool magazine capacity	pcs	32 / 40							
Machine weight	Kg	18,500	21,500	24,500	27,500	23,500	26,500	29,500	32,500
Floor space (L x W x H)	mm	6,600 x 5,355 x 4,043	7,580 x 5,355 x 4,043	8,580 x 5,355 x 4,043	9,780 x 5,355 x 4,043	7,580 x 5,755 x 4,043	8,580 x 5,755 x 4,043	9,780 x 5,755 x 4,043	11,780 x 5,755 x 4,043

# VF SERIES

## Double Column Machining Center



MODEL	UNIT	VF-2000	VF-3000	VF-4000	VF-5000	VF-3026	VF-4026	VF-5026	
X / Y / Z - travel	mm	2,200x2,300x920	3,200x2,300x920	4,200x2,300x920	5,200x2,300x920	3,200x2,600x920	4,200x2,600x920	5,200x2,600x920	
Working surface	mm	2,200x2,050	3,200x2,050	4,200x2,050	5,200x2,050	3,200x2,050	4,200x2,050	5,200x2,050	
Max. Table load weight	Kg	9,000	11,000	13,000	15,000	11,000	13,000	15,000	
Distance from spindle end to table	mm	150~1,070							
Distance from spindle center to column	mm	390							
Distance between columns	mm	2,400				2,700			
Spindle drive motor	kW	18.5 / 22 or 22 / 26							
Spindle speed (gear)	rpm	50~4,500 / 6,000							
Spindle speed (pulley)	rpm	50~8,000 / 10,000							
Spindle taper		ISO 50							
Cutting feed	mm/min	1~7,000							
X-Y-Z Rapid traverse	m/min	X/Y/Z: 12		X: 10/Y: 12/Z: 12		X/Y/Z: 12		X: 10/Y: 12/Z: 12	
Tool magazine capacity	pcs	40 / 60							
Machine weight	Kg	29,000	33,400	38,400	43,400	36,400	41,400	46,400	
Floor space (L x W x H)	mm	8,000x6,100 x4,700	10,000x6,100 x4,700	12,000x6,100 x4,700	14,000x6,100 x4,700	10,000x6,400 x4,700	12,000x6,400 x4,700	14,000x6,400 x4,700	

# NF SERIES

## Double Column Machining Center (Automatic 5-face head)



MODEL	UNIT	NF-2223	NF-3223	NF-4223	NF-5223	NF-6223	NF-3226	NF-4226	NF-5226	NF-6226	
X / Y / Z - travel	mm	2,200x2,300x920	3,200x2,300x920	4,200x2,300x920	5,200x2,300x920	6,200x2,300x920	3,200x2,600x920	4,200x2,600x920	5,200x2,600x920	6,200x2,600x920	
Working surface	mm	2,000x2,050	3,000x2,050	4,000x2,050	5,000x2,050	6,000x2,050	3,000x2,450	4,000x2,450	5,000x2,450	6,000x2,450	
Max. Table load weight	Kg	9,000	11,000	13,000	15,000	18,000	11,000	13,000	15,000	18,000	
Distance from spindle end to table	mm	150~1,070									
Distance from spindle center to column	mm	455									
Distance between columns	mm	2,400				2,700					
Spindle drive motor	kW	18.5 / 22 or 22 / 26									
Spindle speed (gear)	rpm	50~4,500 / 6,000									
Spindle speed (pulley)	rpm	50~8,000 / 10,000									
Spindle taper		ISO 50									
Cutting feed	mm/min	1~7,000									
X-Y-Z Rapid traverse	m/min	X/Y/Z: 12		X: 10 Y/Z: 12		X: 8 Y/Z: 12		X/Y/Z: 12		X: 10 Y/Z: 12	X: 8 Y/Z: 12
ATC capacity	pcs	40 / 60									
Machine weight	Kg	29,000	33,400	38,400	43,400	48,000	36,400	41,400	46,400	51,000	
Floor space (L x W x H)	mm	8,000x6,100 x4,700	10,000x6,100 x4,700	12,000x6,100 x4,700	14,000x6,100 x4,700	16,000x6,100 x4,700	10,000x6,400 x4,700	12,000x6,400 x4,700	14,000x6,400 x4,700	16,000x6,400 x4,700	

# VH SERIES

## Double Column Machining Center (Automatic 5-face head)



MODEL	UNIT	VH-4230	VH-5230	VH-6230	VH-8230	VH-10230	VH-4235	VH-5235	VH-6235	VH-8235	VH-10235	
X / Y / Z - travel	mm	4,200 x 3,000 x 1,000	5,200 x 3,000 x 1,000	6,200 x 3,000 x 1,000	8,200 x 3,000 x 1,000	10,200 x 3,000 x 1,000	4,200 x 3,500 x 1,000	5,200 x 3,500 x 1,000	6,200 x 3,500 x 1,000	8,200 x 3,500 x 1,000	10,200 x 3,500 x 1,000	
Working surface	mm	4,000 x 2,600	5,000 x 2,600	6,000 x 2,600	8,000 x 2,600	10,000 x 2,600	4,000 x 3,000	5,000 x 3,000	6,000 x 3,000	8,000 x 3,000	10,000 x 3,000	
Max. Table load weight	Kg	20,000	24,000	28,000	32,000	36,000	20,000	24,000	28,000	32,000	36,000	
Distance from spindle end to table	mm	250 - 1,250										
Distance from spindle center to column	mm	455										
Distance between columns	mm	3,000					3,500					
Spindle drive motor	kW	22 / 26										
Spindle speed (gear)	rpm	50-4,200 / 6,000										
Spindle taper		ISO 50										
Cutting feed	mm/min	1-7,000										
X-Y-Z Rapid traverse	m/min	XY: 10 / Z: 12			X: 8 / Y: 10 / Z: 12			XY: 10 / Z: 12			X: 8 / Y: 10 / Z: 12	
Tool magazine capacity	pcs	40 / 60										
Machine weight	Kg	54,000	60,000	66,000	78,000	86,000	56,000	62,000	68,000	82,000	90,000	
Floor space (L x W x H)	mm	12,000 x 7,320 x 5,600	14,000 x 7,320 x 5,600	17,000 x 7,320 x 5,600	21,000 x 7,320 x 5,600	25,000 x 7,320 x 5,600	12,000 x 7,820 x 5,600	14,000 x 7,820 x 5,600	17,000 x 7,820 x 5,600	21,000 x 7,820 x 5,600	25,000 x 7,820 x 5,600	

# BM SERIES

## Double Column Machining Center (Automatic 5-face head)



MODEL	UNIT	BM-4230	BM-5230	BM-6230	BM-8230	BM-10230	BM-4235	BM-5235	BM-6235	BM-8235	BM-10235	
X - travel	mm	4,200	5,200	6,200	8,200	10,200	4,200	5,200	6,200	8,200	10,200	
Y - travel	mm	3,000										
Z - travel	mm	1,000										
W - travel	mm	1,000 / 1,200										
Working surface	mm	4,000 x 2,600	5,000 x 2,600	6,000 x 2,600	8,000 x 2,600	10,000 x 2,600	4,000 x 3,000	5,000 x 3,000	6,000 x 3,000	8,000 x 3,000	10,000 x 3,000	
Max. Table load weight	Kg	20,000	24,000	28,000	32,000	36,000	24,000	28,000	32,000	36,000	40,000	
Distance from spindle end to table	mm	250 - 2,250										
Distance between columns	mm	3,000					3,500					
Spindle drive motor	kW	22 / 26										
Spindle speed (gear)	rpm	40-4,200 / 6,000										
Spindle taper		ISO 50										
Cutting feed	mm/min	XYZ: 5000 / W: 1000										
X-Y-Z Rapid traverse	m/min	XYZ: 10			X: 8 / Y: 10 / Z: 10			XYZ: 10			X: 8 / Y: 10 / Z: 10	
Tool magazine capacity	pcs	40 / 60										
Machine weight	Kg	48,000	53,000	58,000	70,000	82,000	53,000	58,000	63,000	83,000	103,000	
Floor space (L x W x H)	mm	13,000 x 8,000 x 6,500	15,000 x 8,000 x 6,500	17,000 x 8,000 x 6,500	21,000 x 8,000 x 6,500	25,000 x 8,000 x 6,500	13,000 x 9,000 x 6,500	15,000 x 9,000 x 6,500	17,000 x 9,000 x 6,500	21,000 x 9,000 x 6,500	25,000 x 9,000 x 6,500	