

Item	Unit	VB-14 Series			VB-18 Series					VB-21 Series			VB-24 Series			VB-28 Series				VB-32 Series				VB-36 Series			VB-42 Series		
Model	VB-	1422	1427	1432	1822	1827	1832	1842	1852	2132	2142	2152	2432A	2442A	2452A	2832	2842	2852	2860	3232	3242	3252	3260	3642	3652	3660	4242	4252	4260
Distance between Columns (without splash guard)	mm	1400			1850					2150			2450			2850				3250				3650			4250		
Table Size	Length	2000	2500	3000	2000	2500	3000	4000	5000	3000	4000	5000	3000	4000	5000	3000	4000	5000	6000	3000	4000	5000	6000	4000	5000	6000	4000	5000	6000
	Width	1300			1500					1800			2000			2200				2600				3000					
Maximum Table Load	ton	8	9	10	12	13	15	18	20	15	18	20	15	18	20	18	18	20	22	18	18	20	22	20	22	24	20	22	24
T-slot	Width x Pitch x No.	22 x 150 x 7			22 x 150 x 9					22 x 150 x 11			22 x 150 x 13			28 x 180 x 11				28 x 2000 x 13				28 x 2000 x 15					
Travel	X - axis	2200	2700	3200	2200	2700	3200	4200	5200	3200	4200	5200	3200	4200	5200	3200	4200	5200	6000	3200	4200	5200	6000	4200	5200	6000	4200	5200	6000
	Y - axis	1300			1800					2100			2400			2800				3200				3600			4200		
	Z - axis	800			800 (Optional 1100)					800 (Optional 1100)			1100 (Optional 1400)																
Spindle	Nose to table	100 ~ 900			200 ~ 1000 (200 ~ 1300)		100 ~ 900 (100 ~ 1200)		200 ~ 1000 (200 ~ 1300)		100 ~ 900 (100 ~ 1200)		100 ~ 900 (100 ~ 1200)			300 ~ 1400 (300 ~ 1700)													
	Center to Column	380			430					430			430																
	Taper / Speed / Power	RPM / kW			BT50 / 6,000 - 18.5K / 22kW					BT50 / 6,000 - 22K / 26kW																			
Feedrate	Cutting	mm/min			5 ~ 12,000					5 ~ 10,000																			
	X - axis G00	24	22	22	24	22	20	18	15	20	18	15	20	18	15	15	12	10	10	15	12	10	10	12	10	10	12	10	10
	Y / Z - axis G00	m/min			24/20			20/15			15/15			12/15															
Accuracy (JIS 6338)	mm	Positioning ±0.015 / full travel; Repeatability ±0.003					Positioning ±0.015 / full travel; Repeatability ±0.003																						
ATC & Tool Magazine	Capacity / Dia	Cam type ATC 24pcs / Max. Dia. Ø110 (full tools); Ø200 (adjascent pocket empty)												Cam type ATC 24pcs			Chain type ATC 32pcs / Max. Dia. Ø125 (full tools); Ø220 (adjascent pocket empty)												
	Max tool weight / Length	Kg/mm												18kg / 350mm			20kg / 400mm												
	Tool selection	Take shortest direction / M24 P3.0 - 45°												Take shortest direction / M24 P3.0 - 45°															
Power / Pneumatic		40 ~ 50 KVA / 6.5 kg/cm ²												50 ~ 60 KVA / 6.5 kg/cm ²															
Machine Size	Length	6400	7400	8400	6400	7400	8400	11100	13100	8400	11100	13100	8400	11100	13100	9400	11400	13400	15400	9400	11400	13400	15400	11400	13400	15400	11400	13400	15400
	Width	3450			4550					4850			5150			6000				6400				7400					
	Height	4050			4570 (5470)					5500 (6400)																			
Machine Weight (app.)	ton	20	22	25	25	28	32	38	43	33	38	43	35	42	45	47	52	57	62	50	55	60	65	58	63	68	63	68	73