

STONIC CNC MILLING MACHINES



 **STONIC CO., LTD.**

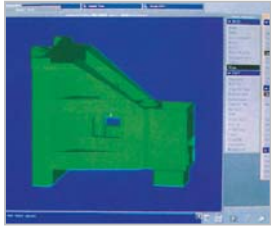
HEAD OFFICE
40-22, Daehwa-dong, Daedeok-gu, Daejeon-si, KOREA
TEL : +82-42-628-3321~3 · FAX : +82-42-626-1145
<http://www.stonic.co.kr>

Specifications are subject to change without notice

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ZEUS - U 2000 / U 1800 U 1500 / U 1350 / U 1200

CNC Column Moving Type Planning Milling



V Series Head Structure



- ★ Standard accessory : 1. Screw conveyor 2. Working light 3. Chip cover 4. Level block + bolt, 5. Tool box 6. Coolant system
- ★ Optional accessory : 1. x, y, z 3 axis scale (0.001) 2. full cover

■ SPECIFICATION

Item	ZEUS-U1200	ZEUS-U1350	ZEUS-U1500	ZEUS-U1800	ZEUS-U2000	
Stroke(s)	Table Size	3,400×960 mm	4,100×1,100 mm	4,400 X 1150 mm	5,000 X 1,200 mm	6,000 X 1,500 mm
	Table T-Slot	7×22 mm H8				
	Max. Longitudinal Travel (X axis)	3,400 mm	4,100 mm	4,400 mm	5,000 mm	6,000 mm
	Max. Cross Travel (Y axis)	1,250 mm	1,350 mm	1,500 mm	1,800 mm	2,000 mm
	Max. Vertical TRavel (Z axis)	1,200 mm	1,350 mm	1,500 mm	1,500 mm	1,800 mm
	Spindle Center to Column	1,200 mm	1,350 mm	1,450 mm	1,500 mm	1,850 mm
Feed Speed	Rapid Feed Rate	X,Y,Z axis 10 M/min				
	Cutting Feed Rate (Maunal)	0~1,260 mm/min				
	Cutting Feed Rate (Automatic)	1~2,000 mm/min				
	Manual Handle Feed (by Pulse)	0.001, 0.01, 0.1mm/ 1 Scale 0.001, 0.01, 0.1 mm/ 1Step				
	X, Y, Z Ball Screw	80 X 80 X 63 mm				

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Item	ZEUS-U1200	ZEUS-U1350	ZEUS-U1500	ZEUS-U1800	ZEUS-U2000	
Spindle	Spindle Taper					
	ISO B.T No.50 (N.T No. 50 : Option)					
	Spindle Speed Change Steps Variable					
Motor	Hi, low 2 steps					
	Spindle Speed (r.p.m)					
	0~2500 r.p.m					
	Spindle Motor		18 Kw		22 Kw	
	Feed Motor (for X, Y, Z axis)		4 Kw		X, Y : 6 Kw, Z : 4 Kw	
	Lubrication Pump Motor		2P×20W×2EA			
etc.	Coolante Pump Motor		2P×180W			
	Spindle Lubrication Motor		4P×100W			
	Screw Conveyor Motor		4P×400W			
	Total Weight		27,000 Kgf	28,000 Kgf	32,000 Kgf	35,000 Kgf
Max. Load on Table		16 Ton (Option 25 Ton)				
Floor Space		8,000×4,500 mm	10,400×4,500 mm	14,000×5,000 mm	14,500×5,500 mm	15,000×6,000 mm

ZEUS - VM 2000 / VM 1800 VM 1500 / VM 1350 / VM 1200

CNC Column Moving Type Machining Center



- ★ Standard accessory : 1. Screw conveyor 2. Working light 3. Chip cover 4. Level block + bolt, 5. Tool box 6. Coolant system
- ★ Optional accessory : 1. x, y, z 3 axis scale (0.001) 2. full cover

■ SPECIFICATION

Item	VM1200	VM1350	VM1500	VM1800	VM2000	
Stroke(s)	Table Size	3,400×960 mm	4,100×1,100 mm	4,400 X 1150 mm	5,000 X 1,200 mm	6,000 X 1,500 mm
	Table T-Slot	7×22 mm H8				
	Max. Longitudinal Travel (X axis)	3,400 mm	4,100 mm	4,400 mm	5,000 mm	6,000 mm
	Max. Cross Travel (Y axis)	1,250 mm	1,350 mm	1,500 mm	1,800 mm	2,000 mm
	Max. Vertical TRavel (Z axis)	1,200 mm	1,350 mm	1,500 mm	1,500 mm	1,800 mm
	front bed (one body structure) length	5,500 mm	6,500 mm	7,500 mm	8,000 mm	12,000 mm
	Spindle Center to Column	1,200 mm	1,350 mm	1,450 mm	1,500 mm	1,850 mm
Feed Speed	Rapid Feed Rate	X,Y,Z axis 8 M/min				
	Cutting Feed Rate (Maunal)	0~1,260 mm/min				
	Cutting Feed Rate (Automatic)	1~2,000 mm/min				
	Manual Handle Feed (by Pulse)	0.001, 0.01, 0.1mm/ 1 Scale 0.001, 0.01, 0.1 mm/ 1Step				
	X, Y, Z Ball Screw	80 X 80 X 63 mm				

Item	VM1200	VM1350	VM1500	VM1800	VM2000	
Spindle	Spindle Taper	ISO B.T No.50 (N.T No. 50 : Option)				
	Spindle Speed Change Steps	Variable Hi, low 2 steps				
	Spindle Speed (r.p.m)	0~6,000 r.p.m (Option 8,000 r.p.m)				
Motor	Spindle Motor	15 Kw (A.C servo)		18 Kw	22 Kw	
	Feed Motor (for X, Y, Z axis)	4 Kw			X, Y : 6 Kw, Z : 4 Kw	
	Lubrication Pump Motor	2P×20W×2EA				
	Coolant Pump Motor	2P×180W				
	Spindle Lubrication Motor	4P×100W				
etc.	Screw Conveyer Motor	4P×400W				
	Total Weight	25,000 Kg	26,000 Kg	30,000 Kg	35,000 Kg	37,000 Kg
	Max. Load on Table	16 Ton (Option 25 Ton)				
	Floor Space	8,000×4,500 mm	10,400×4,500 mm	14,000×5,000 mm	14,500×5,500 mm	15,000×6,000 mm

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STN - 13U / 12U / 10U / 8U 13V / 12V / 10V / 8V

Bed Type CNC Milling Machine



STN-VM Series (Head)



assembled structure of BED (casting)

- ★ Standard accessory : 1. Screw conveyor 2. Working light 3. Chip cover 4. Level block + bolt, 5. Tool box 6. Coolant system
- ★ Optional accessory : 1. x, y, z 3 axis scale (0,001) 2. full cover

■ SPECIFICATION

Item	STN-13U	STN-12U	STN-10U	STN-8U
Working Surface (L×W)	4,200×1,100 mm	3,800×905 mm	3,800×805 mm	3,800×805 mm
T-Slots (Width×Number)	8X20 mm	8X20 mm	7X20 mm	7X20 mm
Max Travel (Longitudinal)	4,000 (O.T) mm	3,400 (O.T) mm	3,200 (O.T) mm	3,100 (O.T) mm
Max Travel (Cross)	1,300 (O.T) mm	1,250 (O.T) mm	1,050 (O.T) mm	850 (O.T) mm
Max Travel (Vertical)	1,250 (O.T) mm	1,200 (O.T) mm	1,000 (O.T) mm	850 (O.T) mm
Number of Feeds	no step			
Feeds/min (Longitudinal, Cross)	0~3,000 mm/min			
Rapid Feed/min (Vertical)	0~3,000 mm/min			
Rapid Feed/min (Longitudinal, Cross)	Max. 8,000 mm	Max. 8,000 mm	Max. 10,000 mm	Max. 10,000 mm
Rapid Feed/min (Vertical)	Max. 8,000 mm	Max. 8,000 mm	Max. 10,000 mm	Max. 10,000 mm

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Item	STN-13U	STN-12U	STN-10U	STN-8U
Spindle	Spindle Nose #50 (NT #50 : Option) B.T			
	Number of Speeds Hi, low 2 steps			
	Speeds (L:0~750, H:751~2,500 : NC) r.p.m			
Motor	Spindle Center to Column 1,300 mm		1,250 mm 1,100 mm 900 mm	
	Spindle Drive Motor 15 kw			
	Feed Drive Motor SERVO MOTOR : X.Y.Z (4) kw			
	Coolant Pump Motor 180 w			
Rapid Feed/min (Vertical) XZ(6310), Y(80)		X(6310), YZ(5010)		XZ(5010), Y(4010)
C.N.C CONTROLLER		SIEMENS 810D / FANUC Oi-MC		
Table Load		4,000 kg		
Electrical Power		380V, 3Ø (50kVA) / 220V, 3Ø (50kVA) FANUC (380, included TR)		

★ Spindle of Speed V Series - MAX 6,000 r.p.m