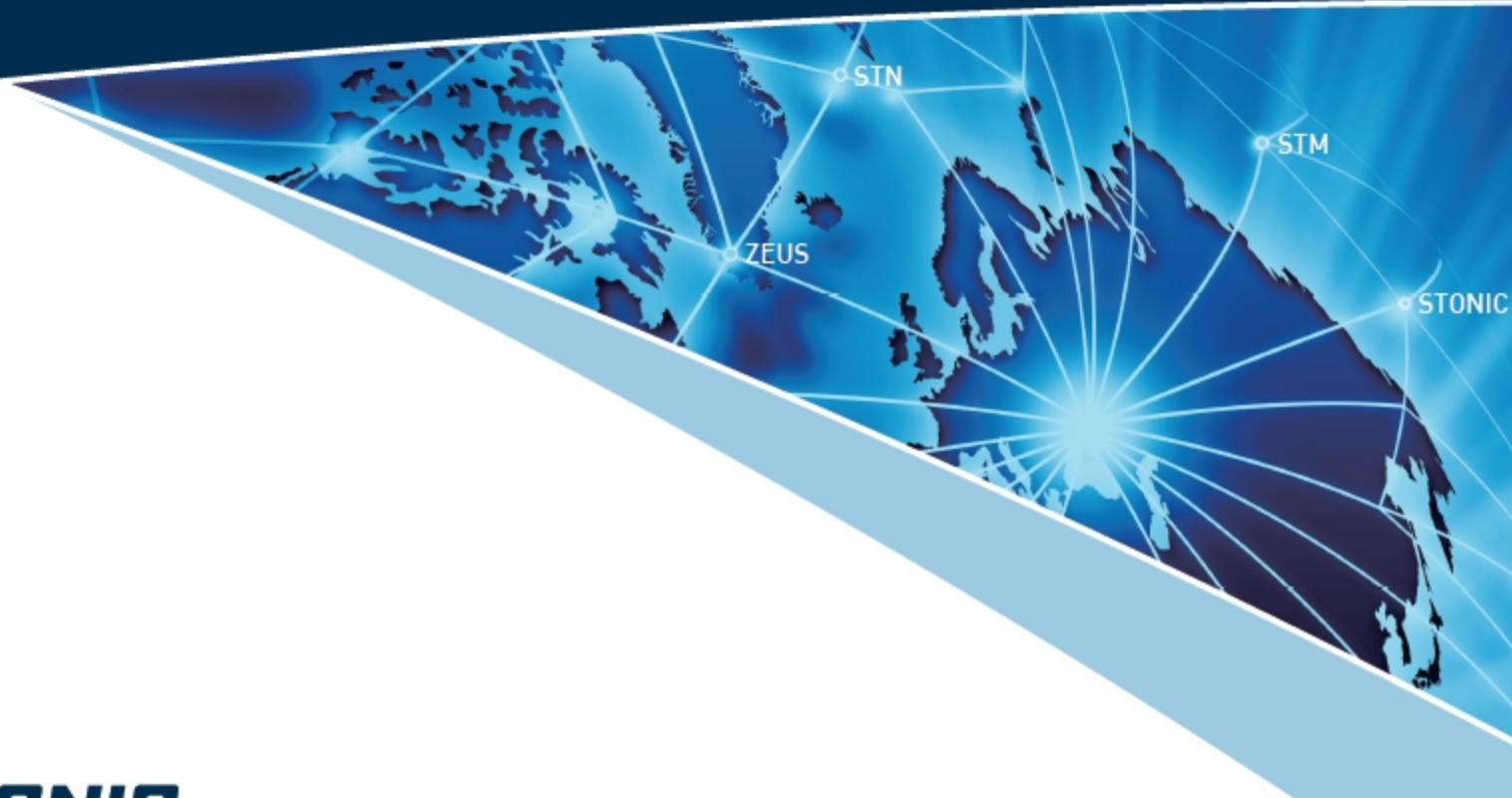


STONIC CORPORATION
EXPORT & IMPORT OF MACHINE

Only Milling for 50 Years

STONIC **CNC MILLING** **MACHINES**



[Core Value Of Management]



"Stonic give a touch the Customer
by devoted professionals"

 **STONIC CO., LTD.**

GREETINGS

We since 1967, the company's original foundation about 40 years, have contributed to the consumers' benefit and prosperity which are the bases of the company's development. With this creed, we have done our best with constant research and effort. Consequently, we have achieved continuous development for a quarter of a century. We believe we owe this successful growth to you. So, we'd like to sincerely express our deepest thankfulness for our customers' support and encouragement. We will not only change completely the industrial equipment and environment with advanced facilities as the 2nd era, but will develop a new technology in order to satisfy the consumers' taste that we have realized by experience so far. On the other hand, we will plan to produce the best quality goods and to offer better service with the pioneer spirit. We will give you the best service and products. We will be one of the best enterprises nicely suited to the 21st century.

Hereafter, we will challenge positively with both axes, traditional and newly-developed fields of technology.

With these advance skills and information, we will make a great effort to manufacture the high value-added products and provide our customers with the best quality products.

We only hope for your unchangeable love and constant encouragement in the future.

Again, thank you very much.

President **Jeong-Soon, Kim**

 **STONIC CO., LTD.**

HISTORY

1967	05	Establishment of Dong-A Industry	2000	09	Selected as venture business (The Small and Medium Business Administration - Technology assessment company)
1974	07	Manufactured first machine tool (type 1.5)	05	05	Acquired Utility Model, which integrated Main Shaft Head Frame of Vertical Milling Machine
1977	09	Manufactured type 2 milling machine (77type)	2003	08	Selected as Promising Middle Business Company
1979	03	Changed title to "Namsung Precision"	12	12	Developed TYPE 2 CNC Milling Selected as Technical Innovation Research Program, Developed STONIC-35 10,000rpm
1988	04	Move to 450-1, Epnae-Dong, Daedeok-Gu, Daejeon	2004	03	Changed company name to "STONIC"
1989	08	Manufactured type 3 Milling Machine (NSR-8900)	03	03	Patent for Integrated Main Shaft Head Frame of Vertical Milling Machine
1990	04	Manufactured type 6 bed milling machine (NSBM-U6) (First A/C Servo Motor used milling machine in Korea)	2005	09	Acquired Certificate of Clean Workplace
1991	07	Manufactured type 3 milling machine inverter version (NSM-9100)	04	04	Acquired Certificate of Excellent Product
08	08	Manufactured NSBM-U6S universal bed type supermilling	2006	02	Acquired new product which integrated Head Frame CNC Milling.
03	03	Manufactured type 2 Vertical-only milling machine (For official use)	11	11	Acquired Certificate of Registration of Trademark
1994	04	Registered as partner company with Daewoo Heavy Industry and manufactured milling machine(bed type) under OEM brand	2007	11	Acquired Certificate of Technical Innovation Middle Business
05	05	Registered as partner company with Daewoo Heavy Industry and manufactured milling machine(type 2) under OEM brand	2010	07	Developed Type 15 Column Transfer Milling Machine(ZEUS)
1995	06	changed company name to Namsung Precision.	2010	11	Patent for Field Metalworks Processing Device
11	11	Developed CNC lathe and supplied to Tongil Heavy Industry.	11	11	ISO 9001, Method of Certificate of Quality Management(KMAR)
1996	11	Designated as Level 2 presion factory from DTI	2012	08	Selected as Company which has R&D Institute from Korea Industrial Technology Promotion Association
03	03	Founded 2nd factory at 40-22 Daewha-Dong, Daedeok-Gu, Daejeon	04	04	Started to develop 5-Face Combined Machine tool
1997	10	Developed type 10 CNC facing milling machine (Column transferred)designated as strategical item from DTI in 1997	2013	04	Certified Research Institute by Korea Industrial Technology Promotion Association
1998	06	ISO 9001 Certificated(E.A.Q.A)	05	05	Patent for Prevention of head drooping of column transfer type milling machine(Ongoing)
03	03	contracted with Hyundai Motors Co.,Ltd (HDM-3U), OEM brand	06	06	Patent for spindle assembling structure of Machine tool
1999	12	Acquired a utility model of Milling machine controller	2014	08	Developed Type 13 Column Transfer "C Type" Large Size Planar MCT
		Developed type 2 CNC milling machine (given award as technical innovation development program from the Small and Medium Business Administration)			5-Face Machine Center sale(Planned)
		Acquired patent(Drive device of bed type of universal milling machine), Registered as partner company with Hyundai Motors.			

CONTENTS

ZEUS 04
U2000/1800/1500/1350/1200

ZEUS 06
VM1800/1500/1350/1200

STN 08
13U/12U/10U/8U/13V/12V/10V/8V

STN 10
7U/6U

STM 12
13U/12U/10U/8U/7U/6U

STONIC 14
35

ZEUS

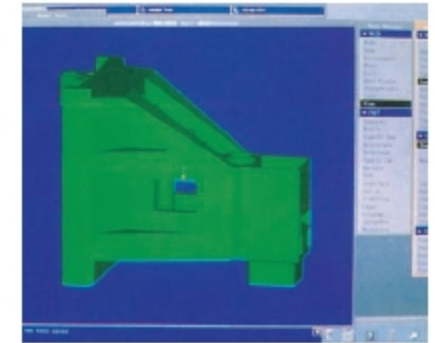
CNC Column Moving Type Planning Milling
U2000 · U1800 · U1500 · U1350 · U1200

STONIC's Top of the Line Model

Spindle center to Column	Max 1,850 mm
Y-Travel	Max 2,000 mm
X-Travel	Max 8,000 mm
Load	Max 25,000 kg

[Features]

- 1) In half price of Double Column CNC Milling Machine with same performance.
- 2) The unique solution for the size of workpiece between 1,200mm and 1,850mm.



▲ ZEUS Head Structure



Overwhelming Performance and Reasonable Price

See? Such a long length between Spindle Center and Column?

ZEUS Series is the single Column CNC, not double Column CNC.
ZEUS Series provide **MAX 1,850mm** of length between Spindle Center and Column without any Head Drooping.
In general, Over 1200mm ranges are provided in Double Column CNC due to Head Drooping. STONIC's R&D Team with 50 years Know-How proved no Head Drooping happening if the Ratio of upper to lower bond angel in head-holder were consistent, at the same time, the Ratio of extension length in the head to the section length in the head-holder were within the certain range. STONIC has patents regarding this technology.

Specification

ITEM		ZEUS-U1200	ZEUS-U1350	ZEUS-U1500	ZEUS-U1800	ZEUS-U2000
Stroke (s)	Table Size	3,400x960mm	4,100x1,100mm	4,400x1,150mm	5,000x1,200mm	6,000x1,500mm
	Table T-Slot	7 x 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/minw				
	Cutting Feed Rate (Manual)	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 grid 0.001, 0.01, 0.1 mm/ 1Step				
	X, Y, Z Screw	80 X 80 X 63 mm				
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)	0~2500 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				
	Screw Conveyor Motor	4P×400W				
etc.	Total Weight	27,000kgf	28,000kgf	32,000kgf	35,000kgf	38,000kgf
	Max. Load on Table	16 Ton (Option 25 Ton)				
	Foor 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

□ Specifications are subject to change without notice. □ 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

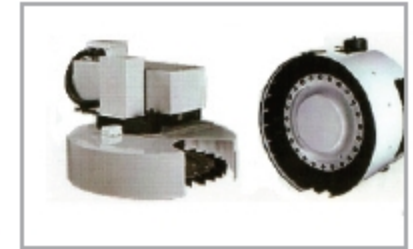
Benefits of Single Column CNC compared with Double Column CNC as below

- Significant Lower supply price due to cutting production cost.: Less than half price of Double Column CNC with the same range.
Less than half price of Double Column CNC having the same Y-axis travel
- Double Column cause limitation of the processing space, but Single Column has no limitation of processing space, and Moving column of ZEUS Series can allow processing larger-volume workpiece than Y-Axis Travel
- Faster Processing Speed than Double Column CNC.
- The unique solution for the size of workpiece between 1,200mm and 1,850mm.

ZEUS

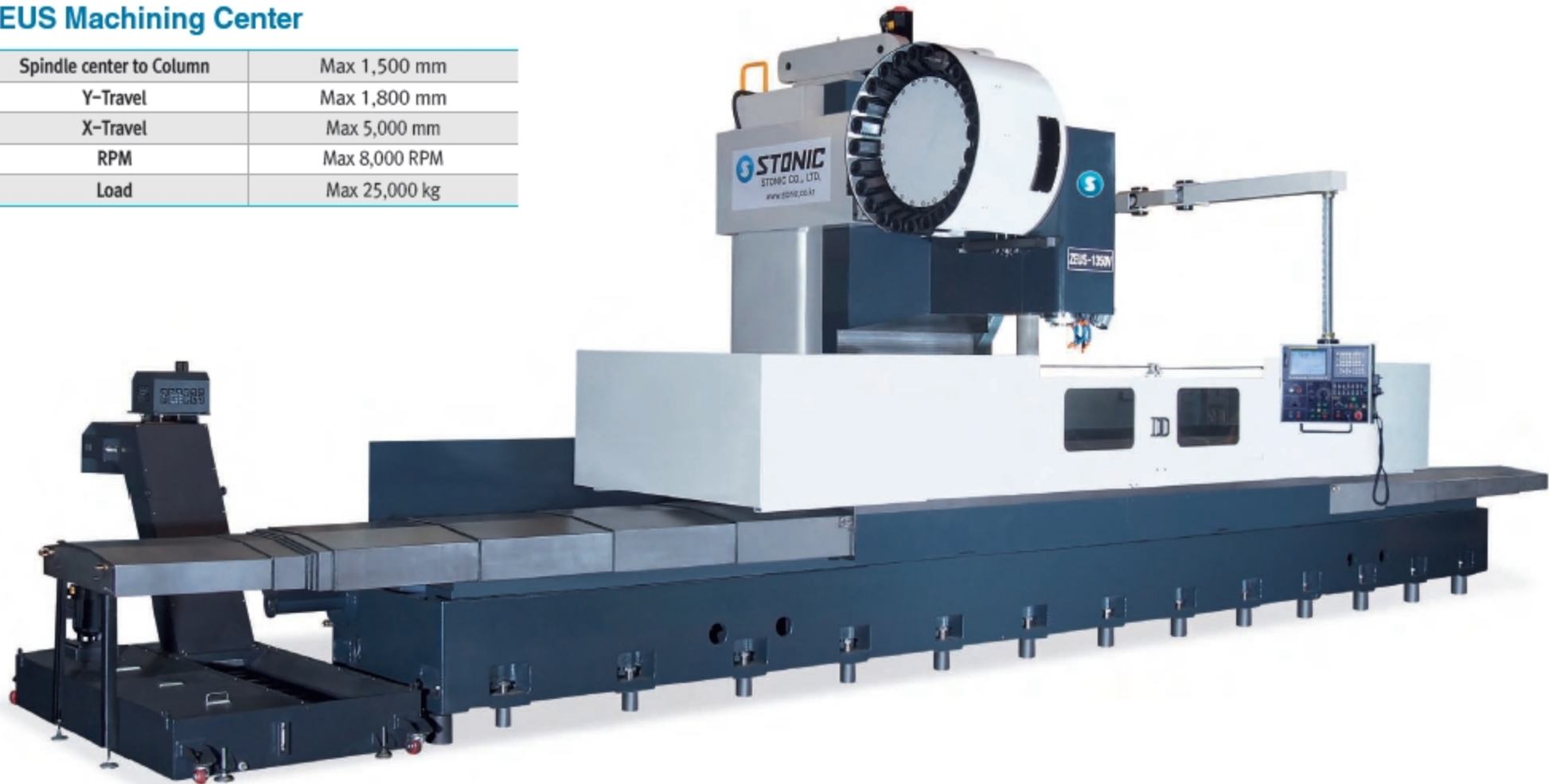
CNC Column Moving Type Machining Center

VM2000 · VM1800 · VM1500
VM 1350 · VM1200



ZEUS Machining Center

Spindle center to Column	Max 1,500 mm
Y-Travel	Max 1,800 mm
X-Travel	Max 5,000 mm
RPM	Max 8,000 RPM
Load	Max 25,000 kg



Huge, Strong and Incomparable Performance

Zeus Series Special Feature

- It is an oversize milling M/C that is unrivaled in C-type CNC milling N/C.
- The center to center distance of the column and spindle can be manufactured ranging from 1200mm to 1850mm.
- The moving type column does not affect the precision of the static load of the workpiece.
- The milling head designed and manufactured by our specialized technique is almost free of deformations like sagging or torsion.
- The table supports the left-right movement range from the minimum of 4000mm to the maximum of 8000mm.
- It is classified as either universal type or vertical type. The maximum number of revolutions is set to 2500RPM for the universal type spindle and 6000RPM for the vertical type spindle.
- Maximum of 40pcs. of the automatic tool changer are provided upon the request of the consumer.
- A scale with the resolution of 0.001 mm in X, Y, Z-axis is provided as standard.

Specification

ITEM		VM1200	VM1350	VM1500	VM1800
Stroke (s)	Table Size	3,400x960 mm	4,100x1,100 mm	4,400x1,150 mm	5,000x1,200 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
	Max. Cross Travel (Y axis)	1,250 mm	1,350 mm	1,500 mm	1,800 mm
	Max. Vertical Travel (Z axis)	1,200 mm	1,350 mm	1,500 mm	1,500 mm
	front bed (one body structure) length	1,200 mm	6,500 mm	7,500 mm	7,000 mm
	Spindle Center to Column	1,200 mm	1,350 mm	1,450 mm	1,500 mm
Feed Speed	Rapid Feed Rate	X,Y,Z axis 8 M/minw			
	Cutting Feed Rate (Manual)	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/ 1grid 0.001, 0.01, 0.1 mm/ 1Step			
	X, Y, Z Screw	80 X 80 X 63 mm			
Spindle	Spindle Taper	ISO B.T No.50 (N.T No. 50 : Option)			
	Spindle Speed Change Steps VVariable	Hi, low 2 steps			
	Spindle Speed (r.p.m)	0~2500 r.p.m			

ITEM		VM1200	VM1350	VM1500	VM1800	VM2000
Spindle	Spindle Taper	ISO B.T No.50 (N.T No. 50 : Option)				
	Spindle Speed Change Steps VVariable	Hi, low 2 steps				
	Spindle Speed (r.p.m)	0~2500 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				
	Coolante Pump Motor	2P×180W				
	Spindle Lubrication Motor	4P×100W				
	Screw Conveyer Motor	4P×400W				
etc.	Total Weight	25,000 Kgf	26,000 Kgf	30,000 Kgf	35,000 Kgf	37,000 Kgf
	Max. Load on Table	16 Ton (Option 25 Ton)				
	Foor 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

- ☐ Specifications are subject to change without notice.
 ☐ 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

STN

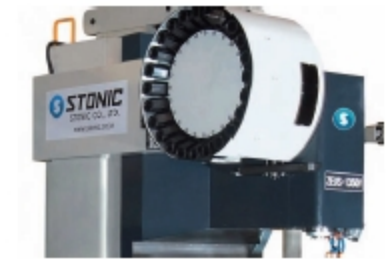
Bed Type CNC Milling Machine

13U · 12U · 10U · 8U

13V · 12V · 10V · 8V

Best & Steady Selling Model

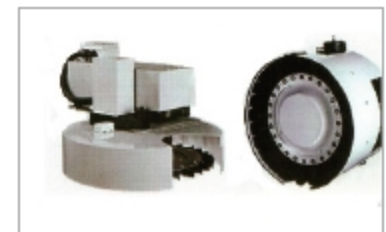
Spindle Center to Column	Max 1,500 mm
Y-Travel	Max 1,500 mm
X-Travel	Max 4,000 mm
RPM	Max 4,000 RPM
Load	Max 6,000kg
Automatic Tools changer in option	



▲ STN-V Series (Head)



▲ Assembled Structure of BED (Casting)



Outstanding Performance and Reasonable Price

STN Series Special Feature

- The overall structure of the machine is designed to be very stable offering an advantage of maximizing the size of the milled work compared to similar models of the competitors.
- The center to center distance of the column and spindle ranges from the minimum of 700mm to the maximum of 1350mm offering a very wide range of selections compared to other competitors.
- The table supports the left-right movement range up to the maximum of 4300mm.
- It is classified as either universal type or vertical type.
The maximum number of revolutions is 2500RPM for the universal type spindle and 6000RPM for the vertical type spindle.
- Maximum of 24pcs. of the automatic tool changer are provided upon the request of the consumer.
- A scale with the resolution of 0.001mm in X, Y, Z-axis is provided as standard.

Specification

ITEM		STN-13U	STN-12U	STN-10U	STN-8U
Table	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	continuous variable transmission			
	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
Spindle	Spindle Nose	#50 (NT #50 : Option) B.T			
	Number of Speeds	Hi, low 2 steps			
	Speeds	(L:0~750, H751~2,500 : NC) r.p.m			
	Spindle Center to Column	1,300 mm	1,250 mm	1,100 mm	900 mm
Motor	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 (including TR at 380)			

- ☐ Specifications are subject to change without notice. ☐ 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

Bed Type CNC Milling Machine 7U · 6U

Best & Steady Selling Model

Classification	STN-7U	STN-6U
Spindle Center to Column	650 mm	
Y-Travel	700 mm	
X-Travel	2,600 mm	1,600 mm
RPM	Max 1,350 RPM	
Load	Max 2,000kg	



▲ FANUC Oi-MATE



Specification

ITEM	Description	UNIT	STN-7U	STN-6U
Table	Working Surface (L×W)	mm	3,200×605	2,200×505
	T-Slots (Width×Number)	mm	5X20	4X20
	Max Travel (Longitudinal)	mm	2,600 (O.T)	1,600 (O.T)
	Max Travel (Cross)	mm	700 (O.T)	700 (O.T)
	Max Travel (Vertical)	mm	700 (O.T)	700 (O.T)
	Number of Feeds	step	continuous variable transmission	
	Feeds/min (Longitudinal, Cross)	mm/min	0X3,000	
	Rapid Feed/min (Vertical)	mm/min	0X3,000	
	Rapid Feed/min (Longitudinal, Cross)	mm/min	Max. 10,000	10,000
	Rapid Feed/min (Vertical)	mm/min	Max. 10,000	10,000
Spindle	Spindle Nose	B.T	#50 (NT #50 : Option)	
	Number of Speeds	steps	11 steps	
	Speeds	r.p.m	45~1,350	
	Spindle Center to Column	mm	650	
Motor	Spindle Drive Motor	kw	11(4p)	
	Feed Drive Motor	kw	SERVO MOTOR (X,Y,Z)	
	Coolant Pump Motor	w	100(29)	
Floor Space		-	-	4,900×2,990×3,100
X, Y, Z SCREW		-	X,Y,Z(4010)	
C.N.C CONTROLLER		-	SIEMENS 802D / FANUC Oi-MC	
Table Load		kg	2000	2000
Electrical Power		V	380V, 3Ø (50kVA) / 220V, 3Ø (50kVA) FANUC (including TR at 380)	

☐ Specifications are subject to change without notice. ☐ 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

STM

Bed Type Universal Milling

7U · 6U · 13U · 12U · 10U · 8U

Best & Steady Selling Model

Spindle Center to Column	Max 1,500 mm
Y-Travel	Max 1,500 mm
X-Travel	Max 4,000 mm
RPM	Max 4,000 RPM
Load	Max 6,000kg



Representative Manufacturer of Milling Machine in KOREA for 50 years

Specification

ITEM	Description	UNIT	STM-13U	STM-12U	STM-10U	STM-8U	STM-7U	STM-6U
Table	Working Surface (L×W)	mm	4,200×1,100	3,800×905	3,800×805	3,800×805	3,200×605	2,200×505
	T-Slots (Width×Number)	mm	8×22	8×20	7×20	7×20	5×20	4×20
	Max Travel (Longitudinal)	mm	4,000 (O.T)	3,400 (O.T)	3,200 (O.T)	3,100 (O.T)	2,600 (O.T)	1,600 (O.T)
	Max Travel (Cross)	mm	1,300 (O.T)	1,250 (O.T)	1,050 (O.T)	850 (O.T)	700 (O.T)	700 (O.T)
	Max Travel (Vertical)	mm	-	1,200 (O.T)	1,000 (O.T)	850 (O.T)	700 (O.T)	700 (O.T)
	Number of Feeds	step	CONTINUOUS VARIABLE TRANSMISSION					
	Feeds/min (Longitudinal, Cross)	mm/min	12~1,800					
	Rapid Feed/min (Vertical)	mm/min	6~900					
	Rapid Feed/min (Longitudinal, Cross)	mm/min	3,200					
	Rapid Feed/min (Vertical)	mm/min	1,600					
Spindle	Spindle Nose	B.T	#50					
	Number of Speeds	steps	12					
	Speeds	r.p.m	45~1,350					
	Spindle Center to Column	mm	1350	1250	1100	900	650	650
Motor	Spindle Drive Motor	kw	15 (4P)				11 (4P)	11 (4P)
	Feed Drive Motor	kw	AC Servo 2.9/3.5				AC Servo 2.9	AC Servo 2.9/3.5
	Coolant Pump Motor	w	180 (2P)				100 (2P)	
Floor Space		-	4,000				2,000	

Standard Acc.

PARTS NAME	UNIT	STM-8U	STM-6U
Instruction Manual	Set	1	
Accuracy Test Certificate	Set	1	
Machine Light	W	220V	
Tool & Tool Box	Set	1	
Cutting Oil Equipment	Set	1	
Leveling Bolt	Set	1	

Optional Acc.

PARTS NAME	UNIT	STM-8U	STM-6U
Milling Vice	mm	250	
Face Mill Arbor	BT	#50	
Face Cutter	mm	160	
Milling Chuck	BT	#50	
Rotary Table	mm	∅300	
Digital Counter	Set	1	
Portable MPG (X,Y,Z)	Set	1	

□ Specifications are subject to change without notice.

STONIC

Ram Type CNC Milling Machine
35



- * Obtained patent (Frame with integrated head)
- * Obtained EM mark
- * Obtained PPS excellent product certificate

RPM	Max 10,000 RPM
Motor	AC Servo Spindle Motor Max 4.9 kw
Patent : Integrated Had Design The Integrated Head Design considerably improving the precision due to preventing from vibration. Suitable for the precise metallic mold	



▲ FANUC Oi-MATE



▲ SIEMENS 802D

Outstanding and Incomparable Specification

CNC Specification

CLASSIFICATION	ITEM	SPECIFICATION
Control Function	Controlled Spindle	Up to 5 spindles
	Number of simultaneously controlled spindle	Up to 4 spindles
	Minimum Control Unit	0.001 mm/00001 inch
Storing Function	Linear, Circular arc	standard
Transport Function	Cutting feed override	0~120 %
	Rapid Feed Override	FO, 10, 50, 100%
Tool Registration	tool nose R correction / tool radius compensation	standard
	Zero Offset	14 standards
	Programmable Zero Offset	standard
Screen Display	Language	Korean, English
	CRT/MDI	TFT 10.4" Color
Spindle Function	Spindle Override	50 % ~ 120 %
	Spindle Speed Limitation	standard
Manual Operation	Manual Handle/jog Transport	standard
	Return to Origin	Return to the first and second origins
	Spindle Control	Start, Stop, ORT
Automatic Operation	Single Block	standard
	Feed Hold	standard
	Optional Block Skip	standard
	Machine Lock (PRT)	standard
	Dry Run	standard
Diagnostic Function	Simulation	standard
	Alarm Display	standard
	Spindle Load / RPM Meter (Monitor)	standard
Programming Function	Part Program Capacity	1.2MB
	Program Name	23 Digits
	Subroutine Call	standard (7 Level)
	Absolute / Incremental Comment	G90-G91
	Scaling	standard
	Inch/Metric	standard
	Interactive Cycle Program	Standard (22 Types)
	Block Search with/without Calculation	standard
	Variable Program (Macro)	standard
	Read/Write System Variable	standard
	Background Editing	standard
	Miscellaneous Functions	M-Code
	Label Skip	standard
	Program Stop/End	M00, M01, M02, M30
	Feed Forward Control Speed Dependant	standard
	Helical Interpolation	standard
Protection Function	Emergency Stop	standard
	Over Travel	Soft Limit
	Contour Monitoring Function	standard
	Program Protection	standard

STONIC - 35 Specification

	ITEM	UNIT	STONIC-35
Table	Working Surface (L×W)	mm	1,100×350
	T-Slots (Width×Number)	mm	18×3
	Max Travel (Longitudinal)	mm	700 (O.T)
	Max Travel (Cross)	mm	350 (O.T)
	Max Travel (Vertical)	mm	400 (O.T)
	Feeds/min (Longitudinal, Cross)	mm/min	15,000
	Rapid Feed/min (Longitudinal, Cross)	mm/min	15,000
	Feeds/min (Vertical)	mm/min	0 ~ 6,000
	Rapid Feed/min (Vertical)	mm/min	6,000
Spindle	Spindle Speeds	r.p.m	10~10,000/6,000
	Spindle Nose Taper	B.T	#40 (NT 40)
	Distance from Spindle End to Table Surface	mm	100~500
	Distance from Spindle Cente to Column Surface	mm	85~450
Motor	Spindle Drive Motor (AC Servo Spindle)	kw	3.7/4.9
	Feed Drive Motor (Longitudinal)	kw	1.7
	Feed Drive Motor (Cross)	kw	1.7
	Feed Drive Motor (Vertical)	kw	3.5
	Coolant Pump Motor	kw	60
	Lubricator Motor	w	15
Capacity of E/L		V (kVA)	380 (25kVA)/220 (25kVA)
Net Weight		kg	2,500
C.N.C CONTROLLER		-	SIEMENS 802D/FANUC Oi-Mate
Table Load		kg	250
Number of tool		ea	10
-		sec	2
			8

□ Specifications are subject to change without notice.



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