

Specifications

		1171	1371	1471	1590	1790	2090
Table							
Table Size	mm	1300X700	1500X700	1600X700	1700X850	2000X850	2200X850
T-Slot	mm	18x125x5	18x125x5	18x125x5	18x150x5	18x150x5	18x150x5
Max Table Load	kgs	1000	1200	1500	2000	2500	3000
Travel							
X/Y/Z Axis Travel	mm	1100/710/610	1300/710/610	1400/710/610	1500/900/850	1700/900/850	2000/900/850
Spindle Nose To Table Surface	mm	110~720			150~1000		
Spindle							
Spindle Taper		ISO 50 (ISO 40 For Belt Type)			ISO 50 (ISO40 For Belt Type)		
Spindle Speed	rpm	6000 (8000) Low Speed 40~1750, High Speed			1751~8000		
Transmission Method		Gear (Belt)					
Spindle Motor	kw	7.5/11 (11/15)			11/15 (15/18.5)		
A.T.C							
Magazine Capacity	tools	20 (24,32)					
Tool Selection Method		Random					
Max Tool Diameter/ W/O Adjacent	mm	ISO 50:Ø105 / Ø127 (ISO 40:Ø90/Ø100)					
Max Tool Weight / Length	kgs/mm	ISO50 : 15/350 (ISO40 :8/250)					
Tool Change Time	sec	T-T 3.5, C-C:7					
3 Axis Traverse							
3 Axis Cutting Feedrate	mm/min	10000			8000		
3 Axis Rapid Traverse	m/min	20/20/16			16/16/12		
Coolant							
Coolant Tank Capacity	ℓ	350			700		
Coolant Pump value	L/min	200			200		
General							
Air Pressure Requirement	kg/cm ²	5~6			5~6		
Power Requirement	(KVA)	30			40		
Machine Size (L x W x H)	mm	3320x3400x2980 3560x3400x2980 3960x3400x2980 4020x3330x3250 4520x3330x3250 5070x3330x3250					
Machine Weight	kgs	9000	10000	11000	14000	15000	16000

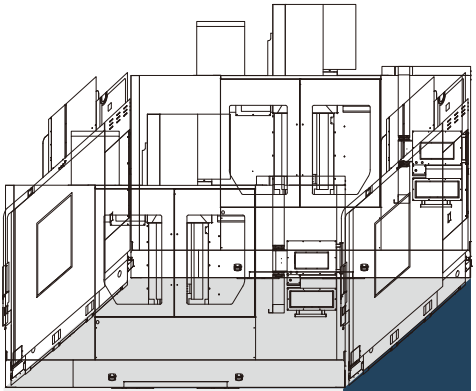
- Description in () are optional accessories.
- We reserve the right to modify the design and specification without notice in advance.
Above specifications are for reference only. Correct specifications are based on actual machine.



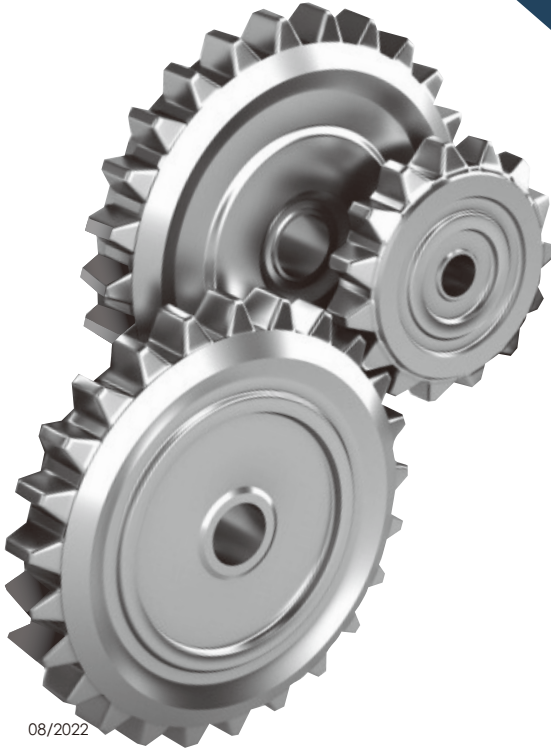
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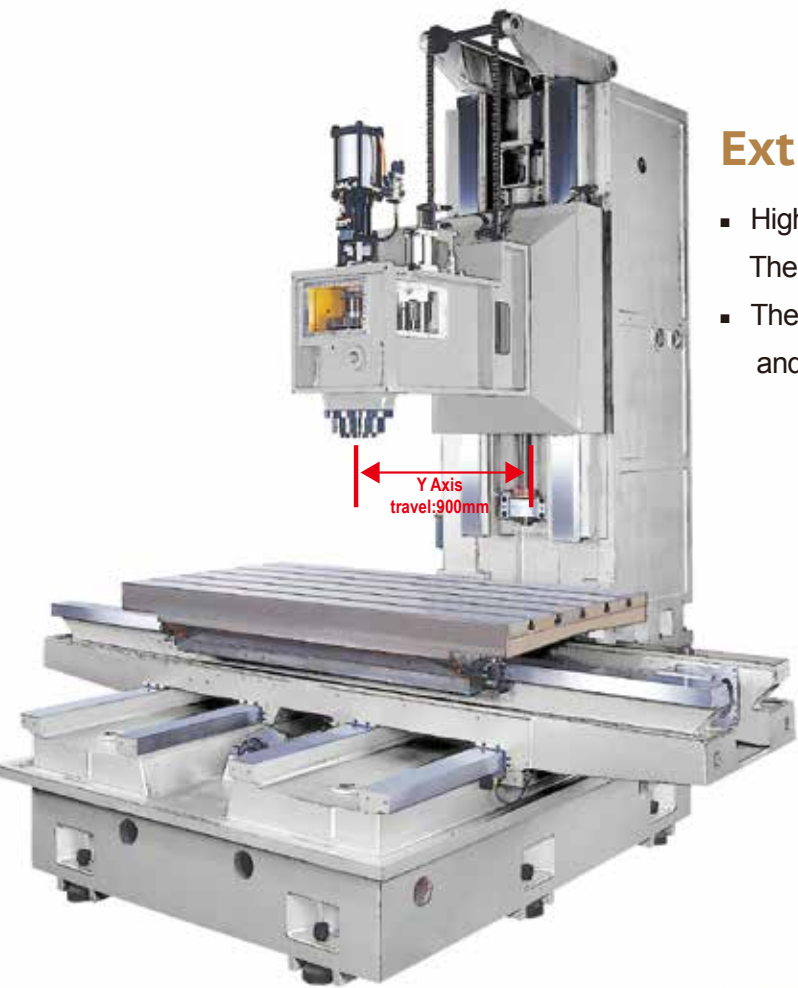
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HEAVY CUTTING
Four Box Ways
& Gear Head



4 Ways Swiveling Control Box



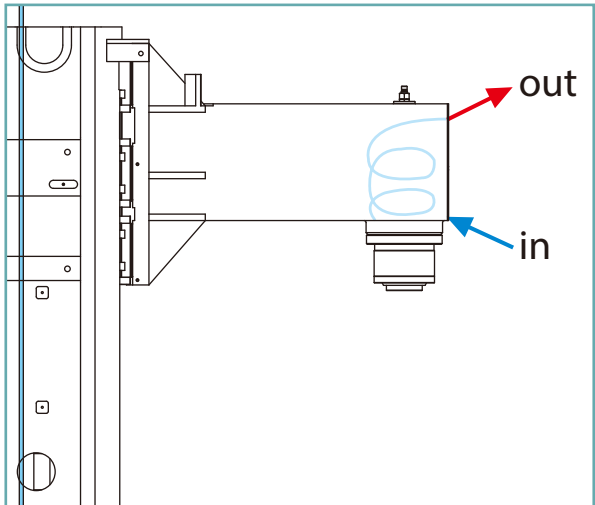
Extra Loading & High Precision

- High Frequency Induction Treatment on Slide Ways, The Hardened Depth is 2 mm, The hardness is HRC 55.
- The Contact Sliding Surfaces are Coated with Turcite-B and Fine-Scraped



Absolute Rigidity & Best Solution

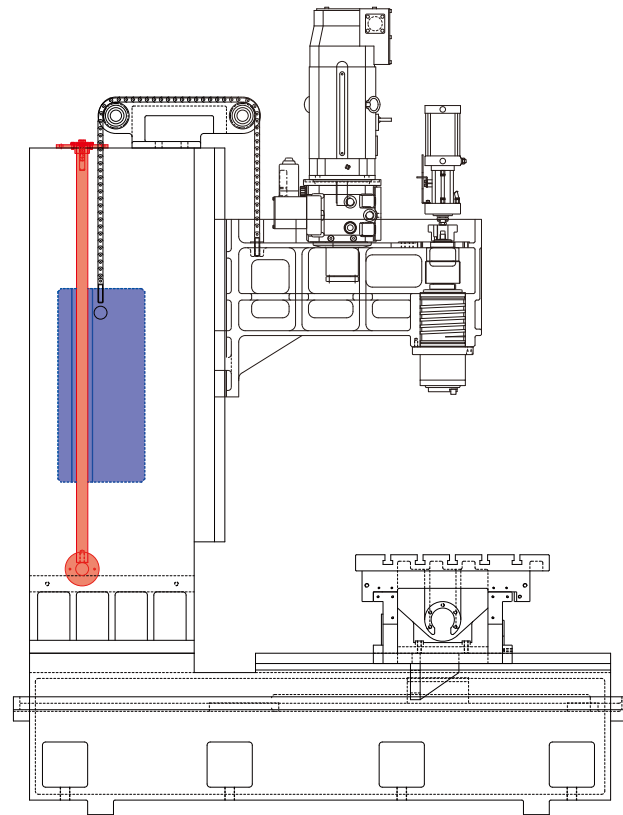
- Absolute Rigidity and to Keep Motion Control's The Machine Base With Four Slide Ways is The Best Technical Solution.



Cooling system with oil chiller



Ball Bar Inspection



- Spindle offers high torque from power milling to small radius interpolation. All of the cutting conditions you need.
- Exclusively designed counter weight balance system. The counter weight moves on a guide shaft to assure movement straightness accuracy.
- Cooling system with oil chiller.



Laser Insepection

Each Machine is Subject to Dynamic and Static Accuracy Test.
According to VDI 3441, ISO 230, JIS B6338 Standard.

Standard Accessories:

- Air Blast for Workpiece(Nose)
- Coolant Flushing System
- Full Splash Guard
- Auto Lubrication System
- Working Lamp
- Leveling Screws & Blocks
- Operation and Programming Manual
- Heat Exchanger
- Chip Auger

Optional Accessories:

- Coolant Through Spindle (CTS)
- Air Conditioner
- Water Gun
- Air Gun
- 4th Axis Rotary Table
- Linear Scale
- Transformer
- Air Condition
- Chip Conveyor

MODEL	A	B	C	D	E	F
GM-1171	3320	3185	3400	2370~2980	1200	1200
GM-1371	3560	3185	3400	2370~2980	1200	1400
GM-1471	3960	3185	3400	2370~2980	1200	1500
GM-1590	4020	3115	3330	2400~3250	1200	1900
GM-1790	4520	3115	3330	2400~3250	1200	2100
GM-2090	5070	3115	3330	2400~3250	1200	2300

