

MG24

CNC WIRE EDM

M800
CONTROL

EVOLUTION

Mitsubishi's Latest Flagship, the MG Series, focuses on **increased cutting speeds, reduced maintenance cycles, and lights out operation.**

ERGONOMIC DESIGN

- Easy-to-view screen (19-inch)
- Intuitive operations using touch-panel control
- User friendly keyboard and mouse

 **Maisart**
Mitsubishi
Artificial Intelligence
State-of-the-art



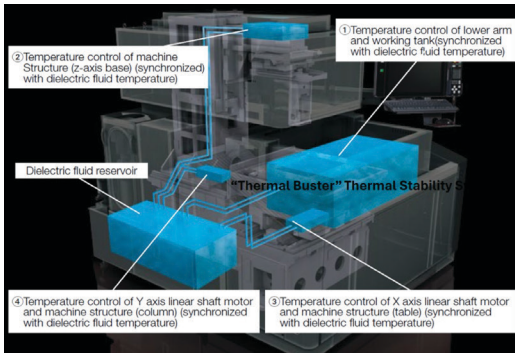
STANDARD FEATURES

- New 4-Sided Four-Piece Hardened Worktable is a mid-hardness stainless steel design that resists scratching and daily wear. The 4-sided table provides maximum flexibility for ease of fixture and workpiece setup.
- New Improved iAT Automatic Wire Threading uses a redesigned wire-feeding system and new annealing control to maintain stable threading performance while requiring fewer maintenance cycles.
- New "Thermal Buster" Thermal Stability System circulates fluid through key areas of the machine structure while maintaining constant temperature.
- New Touch Probe System (optional) allows for automatic part alignment and on machine part inspection. Automatic and manual versions available.
- New Inverter controlled circulation and filter pumps reduce energy consumption up to 30% than the previous model.
- Linear Shaft Motor Drive with 10-Year positioning guarantee and glass scale feedback insure friction free, highly accurate column movement.

PERFORMANCE ABOVE EXPECTATIONS

 **MITSUBISHI EDM**

MG24 Series **STANDARD** Productivity Improvements



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New (optional) touch probe system allows for automatic part alignment and on machine part inspection

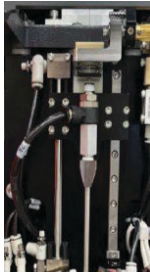
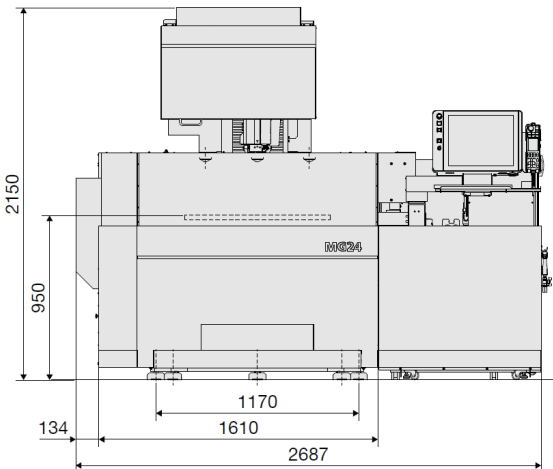
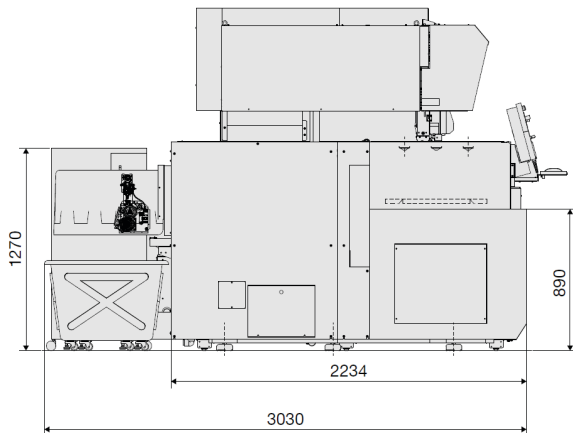
Renishaw Automatic Style



Detachable Manual Style

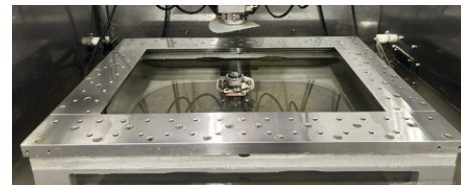


Machine Layout



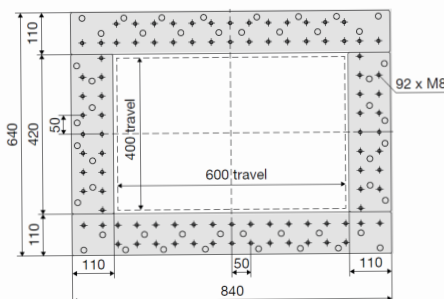
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Machine Unit	Machine Specifications	Unit	MG24
	Max Workpiece Dimensions (WxDxH)	in	41.3 x 32.3 x 12
	Max Workpiece Weight	lbs	3,307
	Table Dimensions (3-sided)	in	33 x 25.2
	Machining Range (XxYxZ)	in	23.6 x 15.7 x 12.2
	Wire Dia. by AT Device	in	.004 ~ .012
	Wire Tension	g	200 ~ 2,550
	Automatic Wire Threader		Standard
	Min. Start Hole Dia.	in	0.02
	Taper Machining Unit		Standard
	Taper Unit Travel (U x V)	in	±2.95 x ±2.95
	Max. Taper Angle	degree	15 deg @ 10.25" Thickness
Fluid System	Overall Machine Dimensions (W x D x H)	in	105.8 x 119.3 x 84.6
	Machine Weight	lb	7,700
	Tank Capacity	gal.	227
	Filtered Particle Size	microns	3
	Filter Elements	ea	4 / Paper
	Ion Exchange Resin	cu/ft	1.4
	Overall Dimensions	in	37.1 x 91.4 x 35
	Dry Weight	lbs	770

4-sided
4-piece table



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