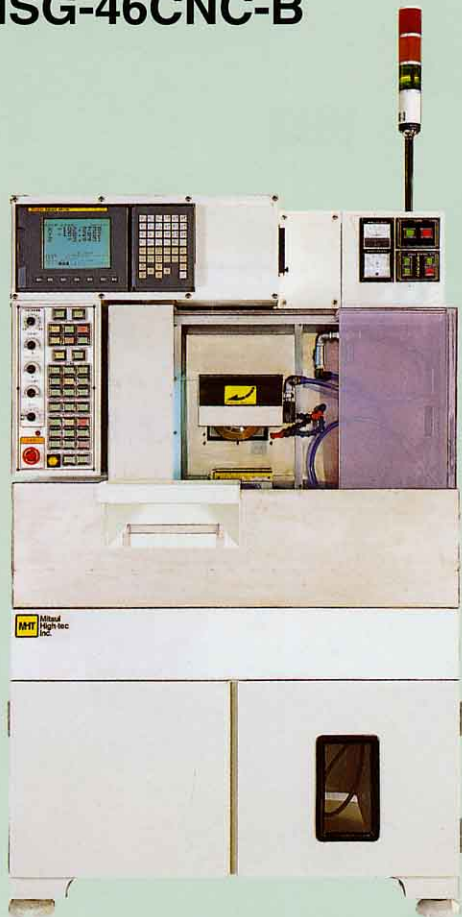


# HIGH PRECISION CNC SURFACE GRINDER

## MSG-46CNC-B

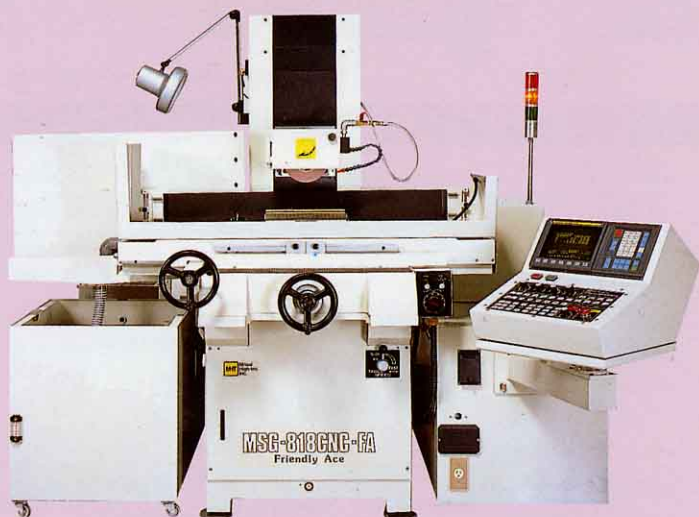


## MSG-612CNC



Shown with Optional Accessories

## MSG-818CNC-FA



## MSG-618CNC



Specification		MSG-46CNC-B	MSG-612CNC	MSG-818CNC-FA	MSG-618CNC	
Capacity	Table Working Surface		100×190mm	150×300mm	200×480mm	150×450mm
	Maximum Cross Feed Movement		120mm	180mm	230mm	165mm
	Maximum Longitudinal Movement		196mm	380mm	460mm	450mm
	Height Table to Spindle Center		230mm	430mm	500mm	350mm
Cross Feed	Manual Cross Feed	Pulse Generator Revolution	0.1/1.0/10.0mm	0.1/1.0mm	0.1/1.0/10.0mm	0.01/1.0mm
		Pulse Generator Graduation	0.001/0.01/0.1mm	0.001/0.01mm	0.001/0.01/0.1mm	0.0001/0.01mm
	Rapid Feed Speed (Jog Mode)		0-520mm/min	0-500mm/min	0-1000mm/min	0-520mm/min
	Minimum Resolution		0.001mm	0.001mm	0.001mm	0.0001mm
	Cross Feed Speed	Continuous	0-520mm/min	0-500mm/min	0-1000mm/min	0-520mm/min
Incremental		0.001-1.3mm/stroke	0.001-2.5mm/stroke	0.001-5.0mm/stroke	0.0001-1.3mm/stroke	
Vertical Feed	Manual Vertical Feed	Pulse Generator Revolution	0.1/1.0/10.0mm	0.1/1.0mm	0.1/1.0/10.0mm	0.01/1.0mm
		Pulse Generator Graduation	0.001/0.01/0.1mm	0.001/0.01mm	0.001/0.01/0.1mm	0.0001/0.01mm
	Rapid Feed Speed (Jog Mode)		0-520mm/min	0-500mm/min	0-1000mm/min	0-520mm/min
	Minimum Resolution		0.001mm	0.001mm	0.001mm	0.0001mm
	Vertical Feed Speed	Continuous	0-520mm/min	0-500mm/min	0-1000mm/min	0-520mm/min
Incremental		0.001-1.3mm/stroke	0.001-1.3mm/stroke	0.001-1.3mm/stroke	0.0001-1.3mm/stroke	
Longitudinal Feed	Table Speed		1-15m/min	5-20m/min	5-20m/min	5-20m/min
Grinding Wheel Size		150×19×31.75mm	205×20×31.75mm	205×20×31.75mm	180×13×31.75mm	
Spindle Revolution		4000rpm	4000rpm	4000rpm	4000rpm	
Motor	Spindle		1.5KW/2P	1.5KW/2P	1.5KW/2P	1.0KW/2P
	Hydraulic		——	0.75KW/4P	0.75KW/4P	0.75KW/4P
	Cross Feed		FANUC $\alpha$ 2/2000 0.4kw	FANUC 2-OSP AC0.2kw	FANUC 2-O AC 0.2kw	FANUC 2-O AC 0.2kw
	Vertical Feed		FANUC $\alpha$ 2/2000 0.4kw	FANUC 2-OSP AC0.2kw	FANUC 2-O AC 0.2kw	FANUC 2-O AC 0.2kw
CNC Control	Control Unit		FANUC 18i-MA	FANUC 18i-MA	FANUC 0M-C	FANUC 0M-C
	Control Axes		3 Axes	2 Axes	2 Axes	2 Axes
	Simultaneous Controllable Axes		2 Axes	2 Axes	2 Axes	2 Axes
Power Supply	Power Supply Required		3PH 200/220V 50/60HZ	3PH 200/220V 50/60HZ	3PH 200/220V 50/60HZ	3PH 200/220V 50/60HZ
	Allowable Fluctuation		±10%	±10%	±10%	±10%
	Electrical Capacity		15KVA	7.5KVA	7.5KVA	10KVA
Machine Size (W×L×H)		1000×1000×1650mm	2010×2185×1700mm	2375×2000×1875mm	2250×2030×2340mm	
Weight	Machine		2250kg	940kg	1200kg	2000kg
	NC Control Unit		——	230kg	300kg	300kg
	Hydraulic Unit		——	90kg	120kg	200kg