



E-TECH MACHINERY

GRINDER PROFESSIONAL

CNC Universal Internal Grinding Machine

EGM-80CNC Mini Genie

General Capacity	Max. grinding ID	mm	Ø80
	Max. grinding OD	mm	Ø 80
	Max. swing over table	mm	Ø 240
	Max. grinding depth	mm	80
	Max. weight load capacity (including chuck)	Kg	25
	Max. workpiece length	mm	80
	Axis / spindle / wheel	2 independent axes / 2 spindles / 2 wheels	
Workhead	Spindle nose	A2-4	
	Standard type of chuck	Hydraulic 3-jaw chuck 5" / 6" (opt.)	
	Swivel angle	deg	+45° ~ -10°
	Manual travel (Z axis)	mm	200
	Workpiece RPM	rpm	0 ~ 1000(infinite variable)
	Motor power	kw	Servo driven1.2(F) / 1.5(M)
Grinding (Y axis)	OD grinding wheel size	mm	N / A
	ID grinding wheel size	mm	Ø 60
	Wheel max. linear velocity	m/s	33
	Max. grinding spindle RPM	rpm	10000-50000
	Motor rated power / Max. torque	Kw/Nm	2.2Kw / 7.3Nm
Grinding (X axis)	OD grinding wheel size	mm	Ø 90
	ID grinding wheel size	mm	N / A
	Wheel max. linear velocity	m/s	33
	Max. grinding spindle RPM	rpm	10000-50000
	Motor rated power / Max. torque	Kw/Nm	2.2Kw / 7.3Nm
X axis	Travel	mm	300
	Max. feedrate	m/min	8
	Linear scale resolution	um	0.05
	Min. increment resolution	mm	0.0001
	Motor rated power	kw	Servo driven1.2(F) / 1.5(M)
Y axis	Travel	mm	180
	Max. feedrate	m/min	8
	Min. increment resolution	mm	0.0001
	Motor rated power	kw	Servo driven1.2(F) / 1.5(M)
Z axis	Travel	mm	180
	Max. feedrate	m/min	8
	Min. increment resolution	mm	0.0001
	Motor rated power	kw	Servo driven1.2(F) / 1.5(M)
Motor	Hydraulic pump	kw	0.375
	Coolant pump	kw	0.18
Machine size	Net weight	Kg	3000
	Gross weight	kg	3400
	Dimension (L x W x H)	mm	2150x1750x1860