







MAGIC™ Line-up Comparison Chart

* S: S stands for S in Scribing and means an engraving machine with scribing tool only.

* E: E stands for E in Engraving and means an engraving machine that is capable of both cutting and scribing.

Platform Type	Platform A (Small-Sized)		Platform B (Medium-Sized)			
Former Product Name	MAGIC-20	MAGIC -30	MAGIC-F20	MAGIC-F30	MAGIC-50	MAGIC-70
Product Description	Multi-Purpose Desktop Engraving Machine					
Model Name	MAGIC™-S3	MAGIC™-E3	MAGIC™-S4	MAGIC™-E4	MAGIC™-S7	MAGIC™-E7
Image						
Dimension	310mm(W) x 345mm(D) x 321mm(H) / 12.35 in(W) x 13.58 in(D) x 12.64 in(H)		402mm(W) x 376mm(D) x 352mm(H) / 15.85 in(W) x 14.82 in(D) x 13.87 in(H)			
Working Area	151mm(X) x 132mm(Y) x 39mm(Z) / 5.94 in(X) x 5.20 in(Y) x 1.54 in(Z)		241 mm(X) x 179 mm(Y) x 39 mm(Z) / 9.49 in(X) x 7.05 in(Y) x 1.54 in(Z)		238 mm(X) x 178 mm(Y) x 39 mm(Z) / 9.37 in(X) x 7.00 in(Y) x 1.54 in(Z)	
Max Material Thickness	40mm / 1.57 in		60mm / 2.36 in			
Max Outer Diameter of Cylindrical Material	---	---	---	---	80mm / 3.15 in	

Max Inner Diameter of Cylindrical Material	---	---	---	---	14mm ~ 78mm / 0.55 in ~ 3.07 in	
Rotary Engraving Supported	X	X	X	X	O	O
Spindle Equipped	X	O	X	O	X	O
DC Motor Power	---	14.5W	---	38W	---	38W
Spindle Revolution	---	MAX 12,000RPM	---	MAX 15,000RPM	---	MAX 15,000RPM
Probe Sensing Supported	X	O	X	O	X	O
Touch Sensing Supported	O	X	O	O	O	O
LCD Equipped	X	X	O	O	O	O
Camera Equipped	O	O	O	O	O	O
Initially Provided Clamp	Pendant Clamp	Pendant Clamp	Flat Bed	Flat Bed	Pendant Clamp	Pendant Clamp
Resolution (XYZ)	0.0025mm(XY) / 0.000625mm(Z)		0.0025mm(XY) / 0.000625mm(Z)			
Resolution (A)	---		---		0.028125°(A)	
Weight	20Kg	21Kg	24Kg	25Kg	26Kg	26Kg
Power Consumption	24W	30W	24W	46W	25W	47W
AC Adapter	24VDC / 2.5A		24VDC / 2.5A			

Replacement Products

Platform A (Mini Size)		Platform B (Midium Size)				Platform C (Large Size)
MAGIC-20	MAGIC -30	MAGIC-F20	MAGIC-F30	MAGIC-50	MAGIC-70	MAGIC-F300/F350
MAGIC™- S3	MAGIC™- E3	MAGIC™- S4	MAGIC™- E4	MAGIC™- S7	MAGIC™- E7	MAGIC™-E9