

RINGTECH RTL-2000 27MM & 42MM

SPECIFICATIONS

Capacity	27mm	42mm
X Axis Travel	300mm (12")	300mm (12")
Z Axis Travel	175mm (7")	175mm (7")
C Axis Travel	360°	360°
Axis Speed	20M/min (787"/min)	
Axis Power Rating	5.1N/m (45"/lb)	
Workholding		
Bar / Tube Capacity	27mm (1.062")	42mm (1.562")
Collet Types	Hardinge 5C Benzinger Inside & Outside	Hardinge 16C Benzinger Inside & Outside
Clamping System	Hydraulic	
Spindle Motor Power	5.4Kw (7.4hp)	
Spindle RPM	60-6,000rpm in 1.5 sec	
Precision		
Positional Repeatability	0.0127mm (0.00005")	0.0127mm (0.00005")
Positional Accuracy	0.0127mm (0.00005")	0.0127mm (0.00005")
Spindle Runout (TIR)	0.0127mm (0.00005")	0.0127mm (0.00005")
Interpolation	Plane Selectable X-Z X-C Z-C	
Control Information		
CNC Control	FAGOR 8055iT Power	
Communication method	Ethernet, USB, RS232	
Drive System	Sercos (Fiber optic link)	
Tooling		
Gang Tool Center Height	42mm (1.653")	
Turret Positions	20	20
Turning Holder Size	3/8"	3/8"
Boring / drilling Holder Size	3/4"	3/4"
Heavy Duty Drilling Positions	2	2
Barstop Position	1	1
Miscellaneous		
Coolant Capacity	94 Liters (25 Gallon)	
Compressed Air Required	0.5 cu.m/ min	
Total Power Required	440v 3 phase 8Kva	220V transformers available
Machine Dimensions	1.55M x 1.22M x 1.8M	(61" x 48" x 72")
Wiegth	1800kg	(3750lb)