

TR160**All prices posted at haascnc.com**

	S.A.E.	METRIC
PLATTER		
Platter Diameter	6.3 "	160 mm
Max Weight on Platter	80 lb	36.3 kg
Part Swing Max	17.5 "	445 mm
Number of Std T-Slots	6@ 60°	6@ 60°
SPINDLE – A (TILT)		
Max Speed	0.001 to 80 °/sec	0.001 to 80 °/sec
Max Torque	150 ft-lb	203 Nm
Backlash	30 arc-sec	30 arc-sec
Gear Ratio	63:01:00	63:01:00
Timing	2:01	2:01
Brake Torque @ 100 psi/6.9 bar	200 ft-lb	271 Nm
SPINDLE – B (ROTARY)		
Max Speed	0.001 to 80 °/sec	0.001 to 80 °/sec
Max Torque	100 ft-lb	136 Nm
Runout Max	0.0005 "	0.013 mm
Backlash	30 arc-sec	30 arc-sec
Pilot Bore Dia. (through)	1.500 (+0.0005, -0) "	38.10 (+0.013, -0) mm
Gear Ratio	63:01:00	63:01:00
Timing	2:01:00	2:01:00
Brake Torque @ 100 psi/6.9 bar	100 ft-lb	136 Nm
INDEXING – A (TILT)		
Max Rotation/Step	120 °	120 °
Resolution	0.001 °	0.001 °
Accuracy (±)	15 arc-sec	15 arc-sec
Repeatability	10 arc-sec	10 arc-sec
INDEXING – B (ROTARY)		
Max Rotation/Step	999.999 °	999.999 °
Resolution	0.001 °	0.001 °
Accuracy (±)	15 arc-sec	15 arc-sec
Repeatability	10 arc-sec	10 arc-sec
GENERAL		
Air Pressure Max	120 psi	8.3 bar
Operating Temp (max ambient)	100 °F	38 °C
Duty Cycle full/low speed	50 / 100 %	50 / 100 %
Power Required – 1-Axis Control	115 VAC ±10% @ 15 A	115 VAC ±10% @ 15 A
WEIGHT		
Table	425 lb	193 kg
Brushless Control – 1-Axis	14.2 lb	6.4 kg