

TR310**All prices posted at haascnc.com**

PLATTER	S.A.E.	METRIC
Platter Diameter	12.2 "	310 mm
Max Weight on Platter	500 lb	227 kg
Part Swing Max	31 "	787 mm
Number of Std T-Slots	6@ 60°	6@ 60°
SPINDLE – A (TILT)	S.A.E.	METRIC
Max Speed	0.001 to 50 °/sec	0.001 to 50 °/sec
Max Torque	300 ft-lb	407 Nm
Backlash	30 arc-sec	30 arc-sec
Gear Ratio	72:01:00	72:01:00
Timing	3:01:00	3:01:00
Brake Torque @ 100 psi/6.9 bar	1000 ft-lb	1356 Nm
SPINDLE – B (ROTARY)	S.A.E.	METRIC
Max Speed	0.001 to 50 °/sec	0.001 to 50 °/sec
Max Torque	300 ft-lb	407 Nm
Runout Max	0.001 "	0.025 mm
Backlash	30 arc-sec	30 arc-sec
Pilot Bore Dia. (through)	3.250 (+0.0005, -0) "	82.55 (+0.013, -0) mm
Gear Ratio	0:01	0:01
Timing	3:01:00	3:01:00
Brake Torque @ 100 psi/6.9 bar	500 ft-lb	678 Nm
INDEXING – A (TILT)	S.A.E.	METRIC
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)	S.A.E.	METRIC
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	S.A.E.	METRIC
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	S.A.E.	METRIC
Table	1720 lb	780 kg
Brushless Control – 1-Axis	14.2 lb	6.4 kg