



NEW TPH -

5th Axis Rotary Tables to suit KM Range of VMC's

Stock No. 6520004485N

TRNC-125/170/210 Pneumatic locking system

CNC ROTARY TABLE (5 Axis)

SPECIFICATIONS . . . Model	TRNC-125	TRNC-170	TRNC-210			
Worktable diameter	Ø125 mm	Ø170 mm	Ø210 mm			
Table height (horizontal position)	236 mm	264.5 mm	264.5 mm			
Overall height (vertical position)	260 mm	388.5 mm	388.5 mm			
Table center height (vertical position)	150 mm	189.5 mm	189.5 mm			
Center bore diameter	Ø20H7 mm	Ø35H7 mm	Ø45H7 mm			
Spindle hole diameter	Ø25 mm	Ø35 mm	Ø45 mm			
Width of T-slot	12H7 mm	12H7 mm	12H7 mm			
Width of Guide-block	146.7 mm	186.7 mm	186.7 mm			
Servo motor (FANUC)	Rotary	Inclination	Rotary	Inclination	Rotary	Inclination
	α M2/3000	α M2/3000	α 3/3000	α 3/3000	α 3/3000	α 3/3000
Servo motor (Mitsubishi)	HA-33NT	HA-33NT	HA-33NC	HA-33NC	HA-33NC	HA-33NC
	1:90	1:180	1:90	1:120	1:90	1:120
Total speed reduction ratio	0.001"	0.001"	0.001"	0.001"	0.001"	0.001"
Minimum input increment	33.3 r.p.m.	16.6 r.p.m.	33.3 r.p.m.	25 r.p.m.	33.3 r.p.m.	25 r.p.m.
Table rotation speed	50 kg	30 kg	50 kg	35 kg	50 kg	35 kg
Load capacity	25 kg	15 kg	25 kg	15 kg	25 kg	15 kg
	8 kg.m	15 kg.m	8 kg.m	15 kg.m	8 kg.m	15 kg.m
Allowable turntable torque	125 mm	170 mm	125 mm	170 mm	125 mm	170 mm
Max. diameter of workpiece	8.5 kg.m	12 kg.m	16 kg.m	16 kg.m	16 kg.m	16 kg.m
Clamping torque (pneumatic pressure 5 kg/cm ²)	Indexing accuracy	40°	20°	20°	4°	4°
Rotation axis	Repeatability	4"	4"	4"	4"	4"
	Indexing accuracy	60°	60°	60°	60°	60°
Inclination axis	Repeatability	4"	4"	4"	4"	4"
	Tilting accuracy	-40° ~ +120°	-20° ~ +140°	-20° ~ +140°	-20° ~ +140°	-20° ~ +140°
Net weight	140 kg	150 kg	135 kg	135 kg	135 kg	135 kg

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