

INDEX DESIGNS, LLC

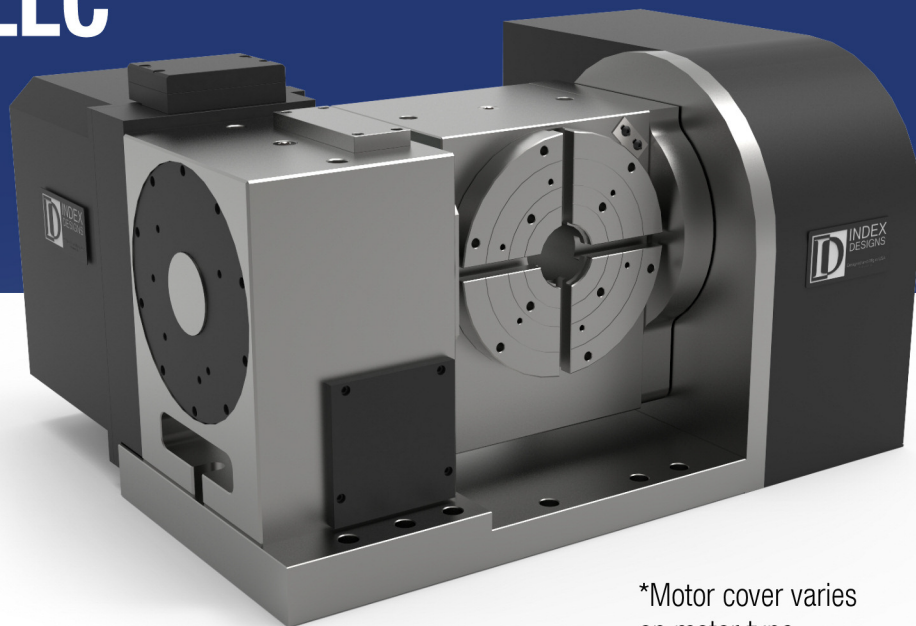
TR Series

Model : TR-8

Increase productivity and reduce setup time with the TR-8, 4th and 5th axis rotary table by eliminating second and third operations. In a single set-up, achieve multi-sided machining capability as well as the ability to tackle tough complex shapes and difficult to reach angles. Both housings were based on our VH8 and still come packed with the same quality. Both spindles and worms have dual bearings. Each worm wheel is helically cut and throated for greater surface contact between the wheel and worm. The B axis housing uses a stronger motor to make up for the extra weight of tilting the A axis housing and maintain accuracy.

Features:

- Dual Spindle Bearings
- Dual Worm Bearings
- Heavy duty
- Compact Design
- High precision and repeatability
- Highly intergratable for VMCs
- Throated Worm Wheel
- Sealed motor covers



*Motor cover varies on motor type

	S.A.E	METRIC
Diameter	8.25 in	210 mm
Number of T-Slots	4	4
SPINDLE		
Max Torque	150 ft/lbs (Varies with Motor)	203.4 Nm (Varies with Motor)
Backlash	30 arc-sec	30 arc-sec
Through Bore	2 in	51 mm
Center Height	8.65 in	219.7 mm
Gear Ratio A	90:1	90:1
Gear Ratio B	90:1	90:1
Max Load (Horizontal)	235 lbs	107 kg
Clamp Method	Pneumatic	Pneumatic
Brake Torque @ 120psi	225 ft/lbs	305 ft/lbs
INDEXING		
Accuracy	15 arc-sec	15 arc-sec
Repeatability (A/B)	4/8 arc-sec	4/8 arc-sec
Tilt Travel Limit	+ 40 / - 120	+ 40 / - 120
Tilt Accuracy	30 arc-sec	30 arc-sec
GENERAL		
Air Pressure Max	120 psi	8.3 bar
Table Weight	~550 lbs	~250 kg

Made in the USA



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