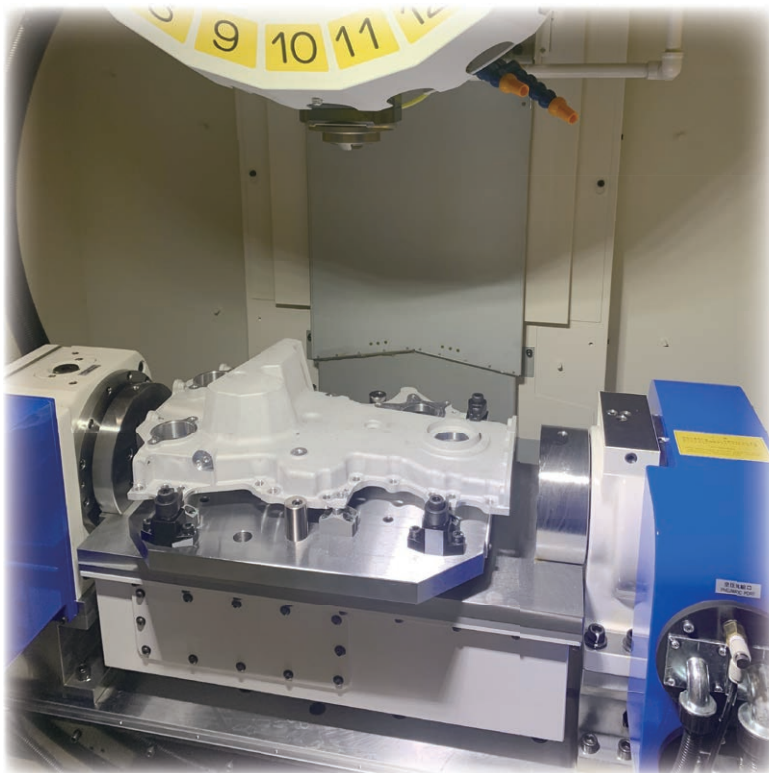


Roller gear & cam mechanism NC rotary table **RKT500**



Roller gear & cam

**Compact design fits on small machining centres with No. 30 taper spindle.
Integrates large aluminium workpiece machining.**

Features

- The roller gear & cam mechanism maintains stable accuracy for a long term and achieves high-speed rotation.
- The built-in rotary joint supports a total of 7 ports: 6 hydraulic/pneumatic ports and 1 coolant port.
- By mounting on ROBODRILL α -D21MiB5 ADV Plus (high column 300mm), it is possible to be loaded with the maximum workpiece of $\phi 500 \times H270$ mm.

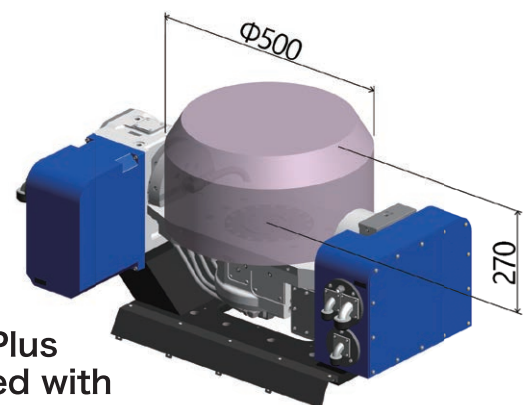


Table diameter	Centre height	Clamping torque		Max. pneumatic pressure	Total reduction ratio		Max. rotating speed		Allowable work inertia	Allowable mass of workpiece	Max.diameter of workpiece	Mass of product
		Rotating axis	Tilting axis		Rotating axis	Tilting axis	Rotating axis	Tilting axis				
mm	mm	N·m	N·m	MPa					min ⁻¹	min ⁻¹	kg·m ²	kg
φ134	310	600	740	0.7	1/50	1/20	*1 80(75)	*2 70 (50)	1.8	100	500	300

※3 Clamping torques above are at pneumatic pressure of 0.5 MPa.

- Specifications and outside appearance are subject to change without notice due to ongoing research and development.
- The color of the actual product may be different from the catalogue's due to printing matters.
- Catalogue contents as of 2023.3
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