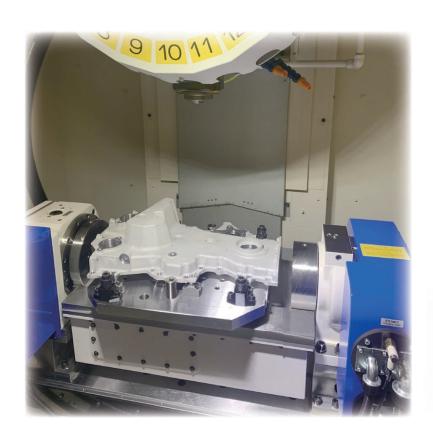


Roller gear & cam mechanism NC rotary table

RKT500



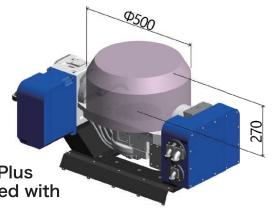


Roller gear & cam

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 ϕ 500×H270mm.

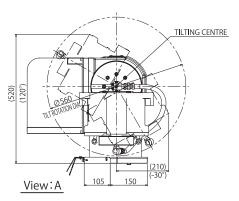


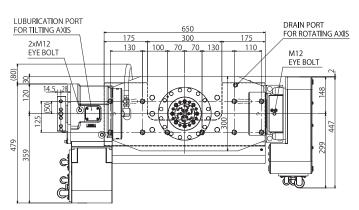
Specifications

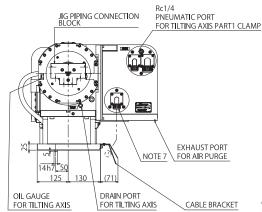
	Table diameter	Centre height	Clamping torque		Max. pneumatic	Total reduction ratio		Max. rotating speed		Allowable	Allowable mass	Max.diameter	Mass of
			Rotating axis	Tilting axis	pressure	Rotating axis Tilting axis	Rotating axis	Tilting axis	work inertia	of workpiece	of workpiece	product	
	mm	mm	N∙m	N∙m	MPa		liiting axis	min-1	min-1	kg∙m²	kg	mm	kg
	φ134	310	600	740	0.7	1/50	1/20	*180(75)	*270 (50)	1.8	100	500	300

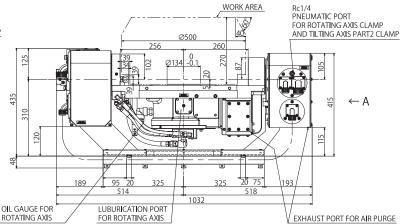
- *1 When the eccentric torque of work piece is more than 50 Nm, max, rotating speed of the rotating axis becomes the value in ().
- *2 When the workpiece mass is more than 50 kg, max. rotating speed of the tilting axis becomes the value in ().
- 3 Clamping torques above are at pneumatic pressure of 0.5 MPa.

Dimensions

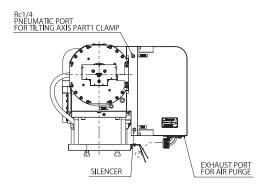


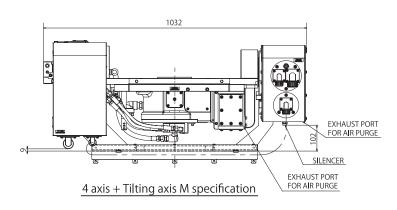






5axis specification





For technical information on Kitagawa products, visit the Kitagawa Web Showroom. https://prod.kiw.co.jp/exhibition/mtools/en







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