

RWB-250K-2, 320K-2, 400K-2, 500K-2

HEAVY DUTY • MULTI-FACE PLATE, MULTI-SPINDLE TABLE

The RWB-Series dual face plate rotary tables are designed for use on pallet equipped horizontal machining centers. RWB-K dual face plate tables utilize a powerful dual disc hydraulic clamping mechanism, and are available with a built-in air/hydraulic booster.



RWB-400K-2

Specifications ►

Dimensions = mm

Table Model			RWB-250K-2	RWB-250K-2,S	RWB-320K-2	RWB-320K-2,S	RWB-400K-2	RWB-500K-2		
Table diameter			mm	250	250	320	320	400	500	
Center height			mm	160	160	210	210	255	310	
Center bore	Nose Diameter	mm	95H7	95H7	130H7	130H7	190H7	220H7		
	Thru Diameter	mm	71	71	101	101	151	182		
Table T-slot width				12H7	12H7	14H7	14H7	14H7	18H7	
Guide block width			18h7							
Servo motor (Fanuc)*			Alpha 8i	Alpha 8is	Alpha 12i	Alpha 22is	Alpha 12i	Alpha 12i		
Maximum motor speed			rpm	4,000	4,000	4,000	4,000	4,000		
Speed reduction ratio				1/90	1/90	1/90	1/90	1/180		
Maximum table speed			rpm	44.4	44.4	44.4	44.4	44.4		
Inertia converted into motor shaft			x 10 ⁻³ kg·m ²	.94	1.0	3.04	3.47	4.28	3.00	
Clamp system**			Hydraulic							
Clamp torque @500psi			Nm (ft. lbs.)	1,000 (737)	1,000 (737)	2,450 (1,806)	2,450 (1,806)	4,200 (3,095)	6,100 (4,496)	
Indexing accuracy			arc sec.	±7						
Repeatability			arc sec.	±2						
Net Weight			kg (lbs.)	105 (231)	105 (231)	185 (407)	185 (407)	300 (660)	550 (1,210)	
Allowable wheel torque			Nm (ft. lbs.)	581 (428)	581 (428)	939 (692)	939 (692)	1,666 (1,228)	3,276 (2,414)	
Allowable work inertia			kg·m ²	2.34	2.34	5.12	5.12	9.7	18.2	
Allowable work weight per face plate		kg (lbs)	75 (165)	75 (165)	100 (220)	100 (220)	125 (275)	125 (275)		
		N (lbf)	19,600 (4,390)	19,600 (4,390)	29,400 (6,586)	29,400 (6,586)	39,200 (8,781)	49,000 (10,976)		
		Nm (ft. lbs.)	1,000 (737)	1,000 (737)	2,450 (1,806)	2,450 (1,806)	4,200 (3,095)	6,100 (4,496)		
		Nm (ft. lbs.)	980 (722)	980 (722)	3,626 (2,672)	3,626 (2,672)	5,880 (4,334)	13,132 (9,678)		

* Other motors & RPM available

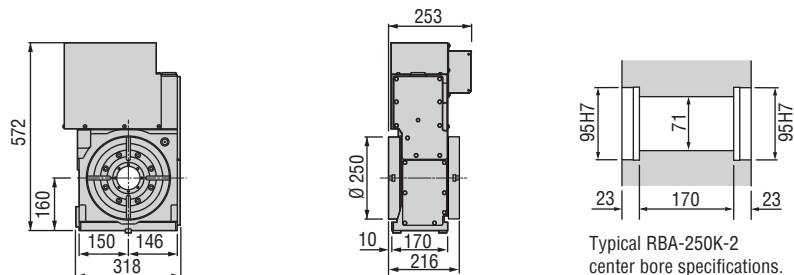
** Booster optional

Specifications subject to change without notice

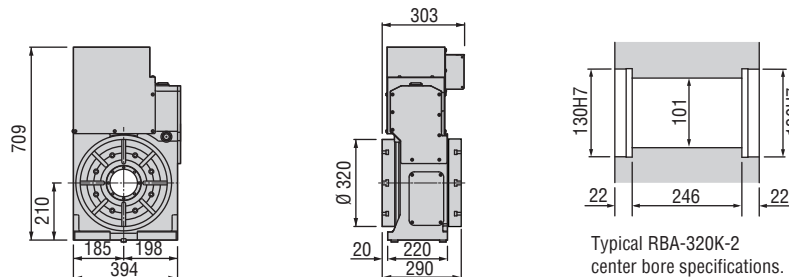
Dimensions ►

Drawings not to scale • Dimensions = mm

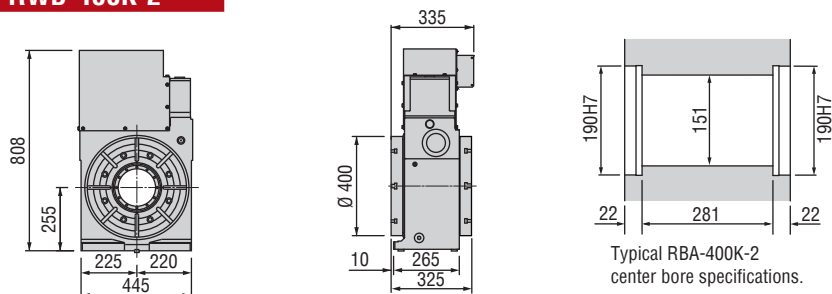
RWB-250K-2



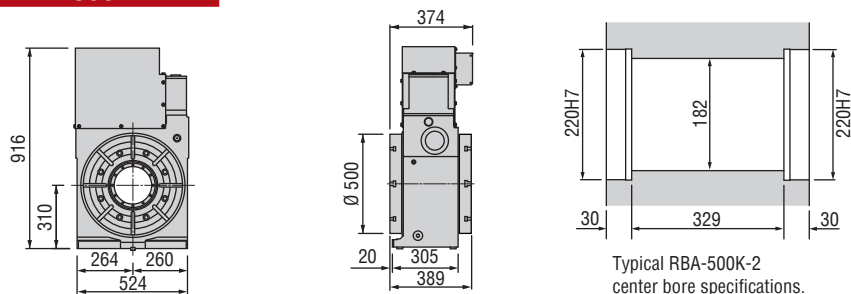
RWB-320K-2



RWB-400K-2



RWB-500K-2



• RWB-500K-2 with custom swivel box



Options & Accessories

TPC NC Controller	p.68
Chucks	p.79
Tailstock	p.81
Support Spindle	p.81
Face Plate	p.83
Encoder / Scale	p.84
Pull Stud Device	p.85
Rotary Joint	p.85
PVC or Steel Cables	p.86

The dimensions above are for tables with a FANUC servo motor. Other motors available (dimensions may increase).

Clamping Block and Bolt ►

Dimensions = mm

	Type	Q'ty	T-Slot Width	A	B	C	D	E	F	G	H	I	J	K	L	M
RWB-250K-2	I	4	18	25	12	80	12	33	35	22	21	11	65	40	28	16
RWB-320K-2	I	4	18	30	15	90	16	31	43	25	21	11	70	46	28	16
RWB-400K-2	I	4	18	30	15	90	16	31	43	25	21	11	70	46	28	16
RWB-500K-2	I	4	18	40	20	110	18	42	50	25	21	11	70	46	28	16

Note: When using a machine with a T-slot pitch other than the above, use suitable clamping blocks and bolts that are available on the market, or order custom-made ones from KOMA (opt.)

Type I

