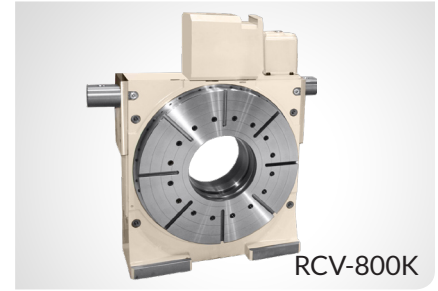







RCV-800K, 1000K, 1250K

HIGH CAPACITY • LARGE THRU HOLE

The RCV-Series rotary tables feature an extra large thru hole for accommodating large workpieces. The RCV-800 can be equipped with either an 800mm or an optional 1,000mm face plate, and the RCV-1000 can hold either a 1,000mm or an optional 1,200mm face plate.



RCV-800K

Table Model		RCV-800K	RCV-1000K	RCV-1250K
Table diameter (optional)	mm	800 (1,000)	1,000 (1,200)	1,250 (1,500)
Center height	mm	530	625	775
Center bore	Nose Diameter	mm	360H7 x 45	410H7 x 65
	Thru Diameter	mm	310	360
Table T-slot width		18H7	22H7	22H7
Guide block width		22h7		
Servo motor (Fanuc)*		Alpha 12i	Alpha 22i	Alpha 22i
Maximum motor speed	rpm	4,000	3,000	3,000
Speed reduction ratio		1/360	1/360	1/720
Maximum table speed	rpm	11.1	8.33	4.16
Inertia converted into motor shaft	$\times 10^{-3}\text{kg}\cdot\text{m}^2$	4.89	12.2	5.04
Clamp system**		Hydraulic		
Clamp torque @500psi	Nm (ft. lbs.)	7,000 (5,159)	20,000 (14,740)	33,000 (24,321)
Indexing accuracy	arc sec.	±7.5		
Repeatability	arc sec.	±2		
Net Weight	kg (lbs.)	1,450 (3,190)	2,500 (5,500)	4,850 (10,670)
Allowable wheel torque	Nm (ft. lbs.)	7,840 (5,778)	13,230 (9,751)	25,000 (18,425)
Allowable work inertia	$\text{kg}\cdot\text{m}^2$	320	874	2,734
Allowable work weight	 kg (lbs) [w/ tailstock]	2,000 (4,400) [4,000 (8,000)]	3,500 (7,700) [7,000 (15,400)]	7,000 (15,400) [14,000 (30,800)]
	 kg (lbs)	4,000 (8,800)	7,000 (15,400)	14,000 (30,800)
Allowable load when table clamped	 N (lbf)	100,000 (22,400)	185,000 (41,440)	383,000 (85,792)
	 Nm (ft. lbs.)	7,000 (5,159)	20,000 (14,740)	33,000 (24,321)
	 Nm (ft. lbs.)	11,600 (8,550)	22,900 (16,877)	56,700 (41,788)

Dimensions = mm

*Other motors & RPM available

**Booster optional

Specifications subject to change without notice

