

402SGATC	502SGATC	402HR	501	88NCR	88SG	88ATC	1121ATC	1132ATC	1321ATC	1332ATC			
1400×400	1600×500	1400×400	1600×500	1400×600			2000×920	3000×920	2000×1120	3000×1120	mm	Table Size	
600				1000			3000	4000	3000	4000	kg	Table loading capacity	
18 ^{H7} P=80	18 ^{H7} P=100	18 ^{H7} P=80	18 ^{H7} P=100	18 ^{H7} P=100			18 ^{H7} P=100				mm	T-Slot width & pitch	
5				6			9		11			Number of T-Slot	
850×400	1050×550	850×400	1050×500	1000×820			2100×1400	3200×1400	2100×1500	3200×1500	mm	Table Travel (X & Y Axes)	
550		520	700	660			850				mm	Z-Axis Travel	
-				-			1100		1300		mm	Gate Width	
150/700		180/700	200/900	9/669	-22/638			170/1020				mm	Table Top To Spindle Nose(min/max)
820				820			720				mm	Floor To Table Top	
80~8500			40~3000	55~2000	40~3000			40~3000				min	Spindle Speed
7/24 Taper ISO No.40			7/24 Taper ISO No.50	7/24 Taper ISO No.50			7/24 Taper ISO No.50					Tapered Bore	
0~6000				0~6000			0~6000				mm/min	Cutting Feedrate (X & Y)	
0~6000				0~6000			0~6000				mm/min	Cutting Feedrate (Z)	
XY : 10000 Z : 8000		XY : 16000 Z : 12000	10000	6000			XY : 12000 Z : 8000				mm/min	Rapid Traverse Rate	
FANUC SYSTEM				FANUC SYSTEM			FANUC SYSTEM					Controller	
Manual / Guidance / Program				Manual / Guidance / Program			Manual / Guidance / Program					Operation	
3				3			3					Number of controlled axes	
7.5/11				3.7	7.5/11			11/15				kw	Spindle Motor
1.2				1.2			1.4				kw	Feed Motor for X-axis	
1.2				1.2			1.2				kw	Feed Motor for Y-axis	
1.2				1.4			1.2				kw	Feed Motor for Z-axis	
23				23			23				w	Oil Pump Motor for Sliding facew	
21				10	21	24	31				KVA	Required Power	
24				-			30			32		Tools	Tool Strage Capacity
2950×2020×2416	3350×2270×2428	2950×2114×2416	3600×2484×2746	3165×3480×2412	3165×3480×2412	3675×3938×2415	5814×4000×2800	8590×4000×2800	5814×4100×2800	7800×4100×2800	mm	Floor Space Requirement (WxDxH) mm	
Approx. 4600	Approx. 5250	Approx. 6000	Approx. 6500	Approx. 5300			Approx. 6800	Approx. 14300	Approx. 17300	Approx. 15700	Approx. 19000	kg	Machine Weight

402SGATC	502SGATC	402HR	501	88NCR	88SG	88ATC	1121ATC	1132ATC	1321ATC	1332ATC	
○	-	-	-	-			-				Long Table (+200mm)
-	○	-	-	-			-				Long Stroke (+200mm)
○		-		○			-				Hign Column (+200mm)
○		*		○		*	*				Lighting
○		*		○		*	-				Chip Coil Conveyer
*		-		-			-				Table Splash Guard
-				-			-				Side Guard
○		-		○		*	○				Partition Type Coolant Tank
*				*			*				NT→BT Type Pull Stud
-				○	-		-				Spinde Motor Poer Up (5.5kw)
-		○[10000min ⁻¹]	○[4000・6000min ⁻¹]	○[3000min ⁻¹]	-		○[4000min ⁻¹]				High Speed Spindle
*				○		*	*				Oil Cooler
○		*		○		*	*				Air Blow Device (Manual / M07)
○				○			○				External FIN type M Signal Output
○				○			○				Additional 4th Axis
○				○			○				Contour Machining

*=standard