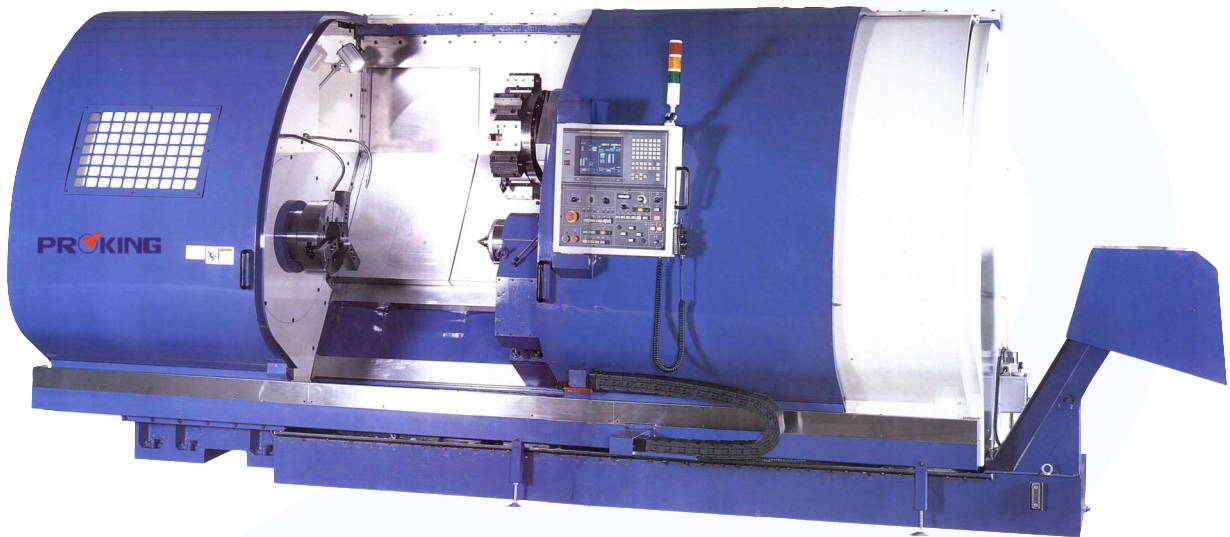


**PROKING**

# SLANT-BED CNC LATHES

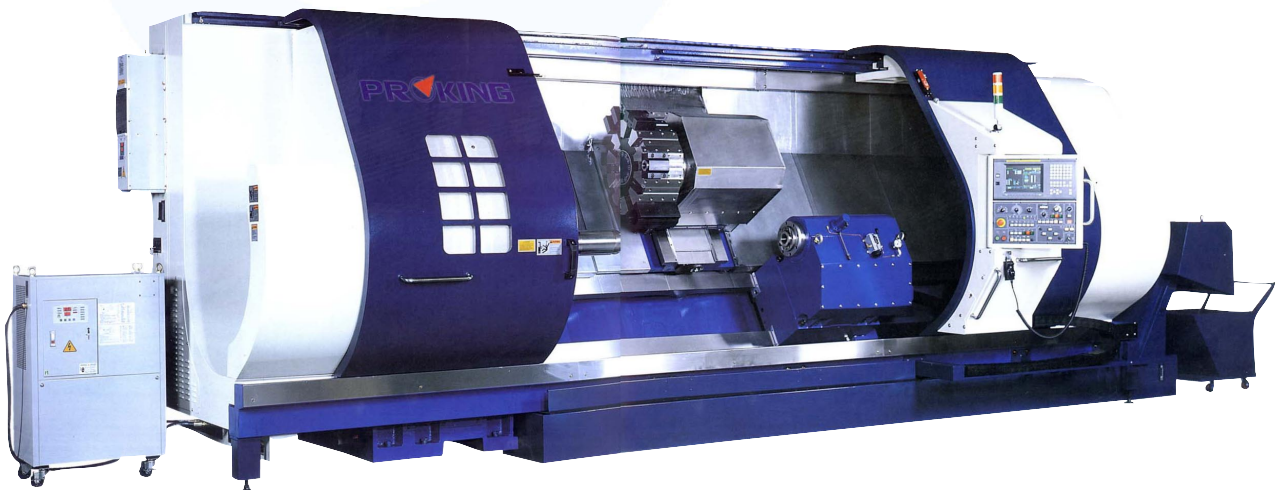
**SS Series**

**Bore 6" center distance 1700mm**



**SA Series**

**Bore 12.5" center distance 3200mm**



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### HEAVY DUTY CNC LATHE-SLANT BED

ITEM	MODEL	SS-27	SS-31	SS-35	SA-35	SA-40	SA-45				
CAPACITY	Swing over bed	mm(in)	700(27.5)	790(31.1)	890(35)	890(35)	1020(40)	1145(45)			
	Swing over cross slide	mm(in)	550(21.6)	640(25.2)	740(29)	740(29)	870(34)	995(39)			
	Max. cutting Diameter	mm(in)	700(27.5)	790(31.1)	890(35)	890(35)	1020(40)	1145(45)			
	Distance between centers	mm(in)	700(28), 1200(47), 1700(67), 2200(87), 3200(126), 4200(165), 5200(205)								
BED & CARRIAGE	Bed shape		One piece bed								
	Bed width/Slant angle	mm(in)/degree	1145(45) / 45			1430(53.5) / 60					
	Carriage bearing on bed way	mm(in)	830(32.67)			950(37.4)					
	Width of cross slide	mm(in)	500(19.68)			600(23.6)					
HEADSTOCK	Spindle nose		A2-11,	A2-15,	A2-15,	A2-20,	A2-20,	A2-28,	A2-28,	A2-32	
	Spindle bore	mm(in)	153(6.02)	230(9.05)	255(10.03)	318(12.51)	360(14.17)	410(16.14)	535(21.06)	610(24.02)	
	Spindle step		Auto 4 step								
	Spindle speeds	1 range-rpm		20~140,	16~120,	13~95,	14~100,	12~85,	10~75,	8~60	4~25
		2 range-rpm		38~280,	30~200,	25~185,	26~180,	23~160,	18~110,	15~95,	8~50
		3 range-rpm		95~550,	70~420,	60~400,	60~350,	55~300,	45~250,	35~200,	20~140
	4 range-rpm		200~1200,	150~700,	120~600,	130~450,	95~400,	65~350,	55~300,	40~220	
Spindle nose / bore / step / rpm		A2-11 / 132 / 1 / 200~2000 SS only									
TURRET	Standard turret model		Baruffaldi TB320			Baruffaldi TB400					
	Disc shape / No. of tool stations		Polygon Disc or VDI Disc / 12								
	Tool shank cross section	mm(in)	32x 32(1.25)								
	Tool shank diameter max.	mm(in)	60(2.5)-SS, 102(4)-SA								
TRAVEL	Cutting tool rate		X-axis:0.001~250( 0.00004~9.84) , Z-axis: 0.001~400( 0.00004~15.75)								
	Rapid travel		X-axis:8(26.24) Z-axis:80(32.8)								
	Ball screw Diameter	mm(in)	X-axis:45(1.77), Z-axis:63(2.48)			X-axis:50(2), Z-axis:80(3.15)					
TAILSTOCK	Quill type		built in type, rotating tailstock quill								
	Quill diameter	mm(in)	160( 6.29)			235(9.25)					
	Quill travel	mm(in)	200(7.87)								
	Inner taper of quill		MT#5			MT#6					
MOTOR	Main Spindle motor	KW(HP)	30/37(40/ 50)-STD. 37.5/45/(50/ 60)-OPT.			37.5/45(50/ 60)					
	X-axis servo motor	KW(HP)	3.8(5.1)			4.5(6)					
	Y-axis servo motor	KW(HP)	3.8(5.1)			4.5(6)					
	Hydraulic pump motor	KW(HP)	3.7(5)			5.5(7.5)					
	Coolant pump motor	KW(HP)	1.05(1.4)								
	Headstock oil refrigerator		18, 000BTU								
	Coolant water refrigerator										
	Cabinet refrigerator		3000BTU								
CONTROLLER		FANUC 18T-STD. Other required-OPT.									
MACHINE WEIGHT	750mm center distance	kgs(lbs)	11000(24200)	11400(25080)	11800(26000)	16500(36300)	17000(37400)	17500(38500)			
	Each extra 500mm weight	kgs(lbs)	1500(3300)			2200(4800)					