

1200

800

400

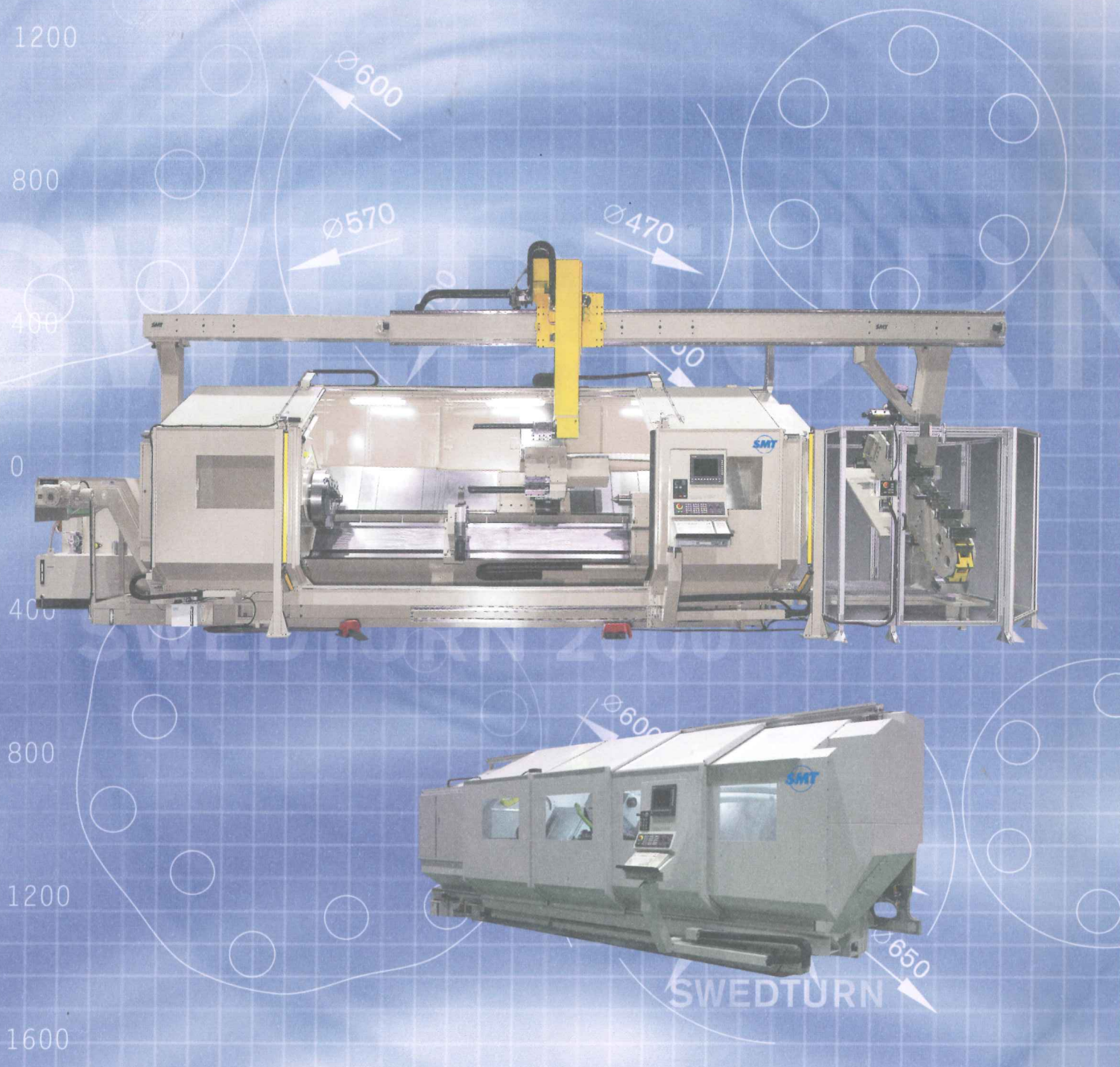
0

400

800

1200

1600



Swedturn 500

Swedturn is a complete lathe system with a robust, stable, and torsion-resistant basic design. Swedturn meets our customers' high demands for productivity, precision, long lifetime and user-friendliness. Our extensive service and support network allows us to offer superior service, maintenance, upgrades and renovations.

SMT Swedturn

SWEDTURN 500/1300-1800-2800-4000 | TECHNICAL SPECIFICATION

WORKING RANGE AND SLIDE MOVEMENTS			1300	1800	2800	4000
Distance spindle nose - tail stock	2-axis	mm	1300	1800	2800	4000
	4-axis	mm	1030	1530	2530	
Max. swing diameter (Option 2-axis machine)	over bed	mm		650		
	over bed	mm		(800)		
	over rear slide	mm		500		
	over front slide	mm		435		
Max. turning diameter	rear slide	mm		570		
	front slide	mm		470		
	rear slide (1Z)	mm	1295	1795	2795	3995
Carriage travel	front slide (2Z)	mm	900	1400	2400	
	rear slide (1X)	mm		380		
Cross-slide travel	front slide (2X)	mm		260		
	1Z / 1X	m/min		15/15		10/15
Max path velocity	2Z / 2X	m/min		15/7,5		
	TAILSTOCK					
Longitudinal travel	2-axis machine	mm	1100	1600	2600	3800
	4-axis machine	mm	950	1450	2450	
Tail shank diameter				MK5		
Tail pressure		daN		3000		
SPACE AND WEIGHT						
Length		m	5,7	6,2	7,2	8,4
Depth		m	3,6	3,6	3,6	3,6
Total height		m	2,6	2,6	2,6	2,6
Approx. machine weight		kg	9000	10000	12000	15000
HEADSTOCK						
Spindle nose	DIN 55026	Size		A11	A15	
Spindle diameter in front bearing		mm		170	260	
Spindle bore		mm		110	180	
SPINDLE DRIVE						
AC output main motor 100%/60%		kW	40/50	40/50	40/50	
Max torque main motor 100%/60%		Nm	1900/2350	2900/3600	3800/4700	
Speed range of full power		rpm	200-3000	150-2000	100-1500	
C-AXIS (OPTION)						
Power of separate drive motor		kW	5,1			
Max torque		Nm	2500			
TOOL CARRIER REAR SLIDE						
Number of tool positions			Turret		ATC	
Max driven tools (option)			12		37/magazine	
Tool clamping	DIN 69880	mm	6		0-36	
Power of motor for driven tools		kW	60 /Capto	Ø570	SMT 200 mm	
Max speed driven tools		v/min	10,6	Ø470	10,6	
Tool Changing time appr.		s	2250	Ø435	10	
Max tool Weight		kg	0,2 - 1,5	Ø650	50	
Max tool Length		mm			800	
TOOL CARRIER FRONT SLIDE						
Number of tool positions			Turret			
Tool clamping	DIN 69880	mm	6/8			
			60/Capto			

Product specifications as of September 2004. Please note that the specifications herein are to change, without notice.

Swedturn 500

The modular design of the Swedturn 500 enables it to meet the demands of a wide range of applications. It offers great precision for high lathing "abrasion tolerance."

The machine's rigidity permits turning of tempered materials, resulting in an outstanding surface finish. With its compact design, the machine requires less floor space in the shop.

The Swedturn 500 features control equipment that permits simple communication between man and machine, as well as advanced diagnostics for quick troubleshooting.

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