

STYLE SB250 - 500

Technical specifications

Machine		SB250	SB300	SB500
Maximum swing	mm	420	505	612
Swing over carriage cover	mm	330	318	420
Maximum turned diameter	mm	200	350	500
Maximum turned length	mm	550	570 / 1000	700 / 1200
Carriage inclination	°	45	45	45
Main spindle				
Spindle motor power (S6)	kW	11 / 15	11 / 15	15 / 18.5 (18.5 / 22)
Maximum spindle speed	rpm	6000 (4800)	4500 (6000 / 4000 / 3500)	3500 (2700 / 2500)
Spindle taper		A2-5 (A2-6)	A2-6 (A2-5 / A2-8 / A2-8)	A2-8 (A2-11 / A2-11)
Spindle bore	ø mm	56 (62)	62 (56 / 76 / 86)	86 (101 / 116)
Hole trough draw bar	ø mm	44 (52)	52 (44 / 65 / 75)	75 (90 / 105)
Hydraulic chuck diameter	ø mm	160 (200)	200 (160 / 250 / 250)	250 (300 / 380)
X- and Z-axis				
Rapid movement X / Z	m/min	12 / 20	20 / 20	20 / 24
Feed rate	m/min	10	10	10
X / Z axis slide way configuration		Linear	Linear / box	Box
Tailstock				
Quill	ø mm	75	75	85
Quill stroke	mm	100	80	120
Quill taper	MT	4	4	5
Turret system				
Tool change type		Servo	Servo / Hydraulic	Servo / Hydraulic
Type tool taper		BOT / VDI	BOT / VDI	BOT / VDI
Size		30	30 / 40	40
Number of tool stations	#	8 / 10	8 / 10 / 12	12
Turning tool shank dimensions	mm	20	20	25
Maximum boring bar diameter	ø mm	32	32	40
General				
Weight	kg	3800	4300 / 4800	5500 / 6000
Machine dimensions (l/b/h)	m	3.0 × 1.7 × 1.8 3.6 × 1.7 × 1.9	2.9 × 1.6 × 1.7 3.7 × 1.6 × 1.7	3.0 × 1.8 × 1.8 3.6 × 1.8 × 1.8



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