

B500

*Universal lathe for
precise and powerful cutting*

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Technical data

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Working range		
Turning length	mm	750
Main spindle		
Spindle clearance	mm	102
Spindle head ISO 702/1	Size	A11
Chuck max.	mm	400
Speed max.	rpm	3,150
Drive power (100% / 40% DC)	kW	20.5 / 30
Torque (100% / 40% DC)	Nm	622 / 920
Counter spindle		
Spindle clearance	mm	82
Spindle head	Size	A8
Chuck max.	mm	250
Speed max.	rpm	3,150
Drive power (100% / 40% DC)	kW	10 / 15
Torque (100% / 40% DC)	Nm	138 / 207
Tool turret		
Tool mountings DIN 69880, VDI 40	Number	12
Live tools	Number	12
Speed max.	rpm	5,400
Drive power (25% DC)	kW	7.5
Torque (25% DC)	Nm	35
Slide travel X	mm	245
Slide travel Y	mm	±60
Slide travel Z	mm	750
Feed force X / Y / Z (63% DC)	N	11,000 / 11,000 / 11,000
Rapid traverse rate X/Y/Z	m/min	40 / 20 / 40
Tailstock		
Mounting		MK5 / SK30
Pressing force max.	N	10,000
Rapid traverse rate	m/min	8.5
Cooling lubricant unit (basic unit)		
Pump pressure	bar	8 / 20 / 80
Tank capacity	l	300 / 600
Pump capacity 8 / 20 / 80 bar	l/min	80 / 30 / 20
Filter fineness	µm	200 / 50
Machine dimensions		
Length x width x height	mm	see installation plan
Weight	kg	9,850
Connected power	kW, kVA, A, HZ	54 kW, 65 kVA, 94 A, 50/60 HZ