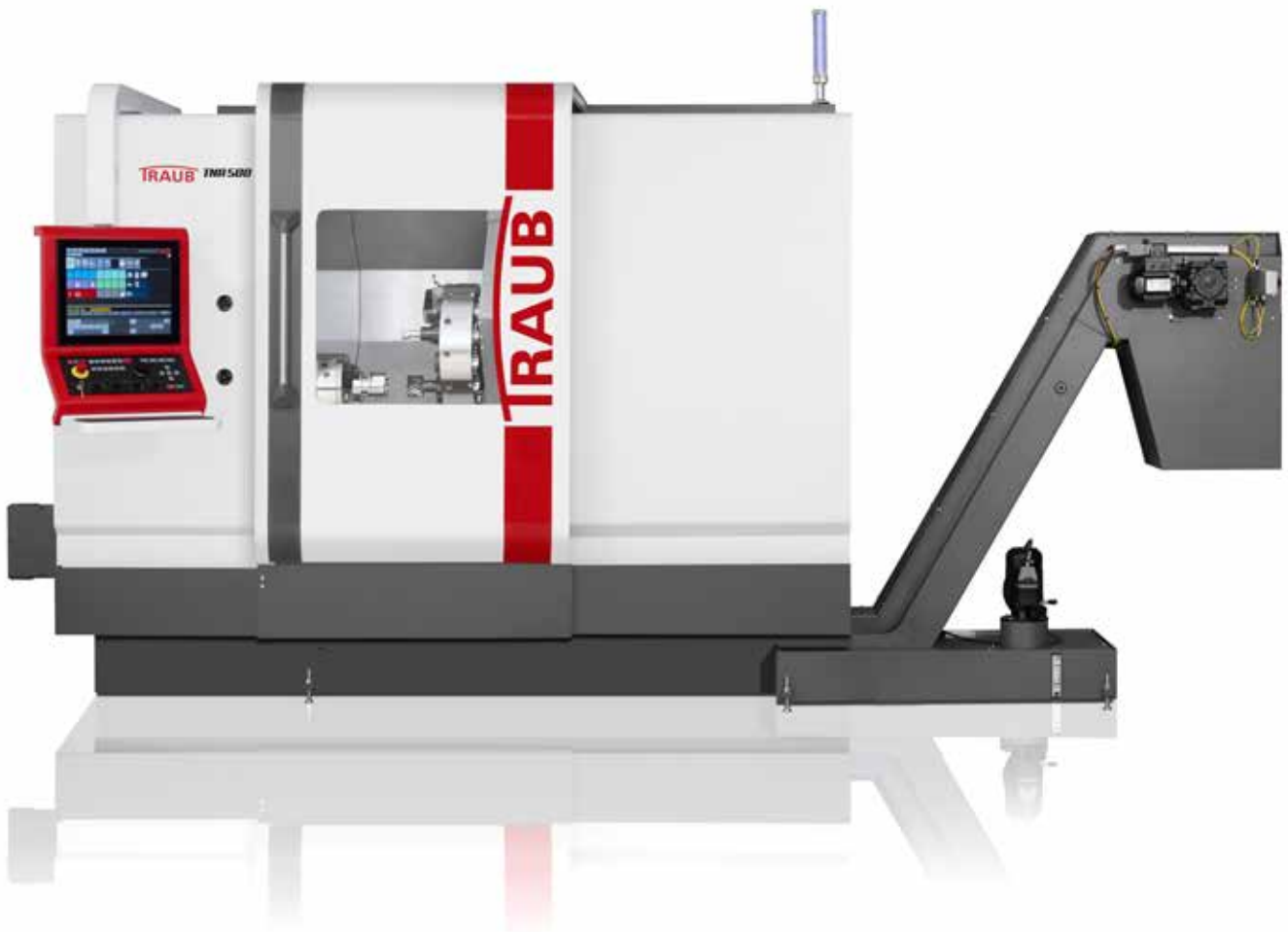


TNA500

*Universal lathe for
precise and powerful cutting*

TRAUB



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Technical data

TRAUB TNA500

Working range			
Turning length	mm	750	
Main spindle			
Spindle clearance	mm	102	
Spindle head DIN 55026	Size	A11	
Max. chuck	mm	400	
Max. speed	rpm	3,150	
Drive power (100% / 40% DC)	kW	25 / 37,5	
Torque (100% / 40% DC)	Nm	680 / 1,020	
Counter spindle			
Spindle clearance	mm	82	
Spindle head DIN 55026	Size	A8	
Max. chuck	mm	250	
Max. speed	rpm	3,150	
Drive power (100% / 40% DC)	kW	7.5 / 12	
Torque (100% / 40% DC)	Nm	135 / 220	
Tool turret		Radial turret	Disktype turret
Tool mountings DIN 69880	Number	12 VDI 40	12 VDI 40
Live tools	Number	12	12
Max. speed	min ⁻¹	6,000	6,000
Drive power (25% DC)	kW	9	16.5
Torque (25% DC)	Nm	35	37
Slide travel X	mm	245	255
Slide travel Y	mm	±60	±60
Slide travel Z	mm	750	750
Feed force X / Y / Z (63% DC)	N	11,000 / 11,000 / 11,000	11,000 / 11,000 / 11,000
Rapid traverse rate X/Y/Z	m/min	40 / 20 / 40	40 / 20 / 40
Tailstock			
Mounting		SK 30 or MK 5	
Max. pressing force	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 floor plan	
Weight	kg	9,850	
Connected power	kW, kVA, A, Hz	54 kW, 65 kVA, 94 A, 50/60 Hz	