



## CNC LATHES for BAR, ROD and SECTION MILLS

AT 830 E CNC | AT 830 E HD CNC | AT 840 E CNC

# CNC Lathes for Bar, Rod and Medium Section Mills

TECHNICAL CHARACTERISTICS		AT 830 E CNC	AT 830 E HD CNC	AT 840 E CNC
CAPACITY	Height of centres over bed guideways [mm]	510	560 - 710	1020
	Distance between centres [mm]	2000 - 4000	2000 - 6000	6000
	Swing over bed without telescopic covers [mm]	1020	1120 - 1420	2040
	Swing over telescopic covers of bed guideways [mm]	830	920 - 1220	1650
	Swing over cross slide [mm]	670	770 - 1070	1500
	Bed width [mm]	810	1250	1610
	Number of guideways		4 + 1	
	Max workpiece weight supported between centres without steadies [kg]	6000	16000	35000
	Noise level [dB]		< 80	
HEADSTOCK	Spindle nose [mm]	ISO 702/I A2- 11"	ISO 702/I A1 - 15"	ISO 702/I A1 - 20"
	Spindle bore [mm]	120 - 155	150	150
	Inner diameter of front bearing [mm]	210	254	317,5
	Spindle Main Motor [kW]	40	60	100
	Number of spindle speed ranges hydraulically driven	2	3	4
	Variation of r.p.m. at different ranges	1 - 800	1 - 500	1 - 300
	4 jaws independent chuck steel body [mm]	700	900	1200
TAILSTOCK	Tailstock travel [mm]	2000 - 6000	2000 - 6000	6000
	Quill diameter [mm]	160	220	350
	Quill travel [mm]	250	300	200
	Clamping/unclamping of tailstock		Automatic	
	Quill travel control		Motorized	
Z-AXIS	Tailstock travel control		Motorized	
	Z travel (Useful turning length) [mm]		2000 - 6000	
	Feeds [mm/min]		2 - 3000	
	Rapid traverse [mm/min]	5000	5000	6000
X-AXIS	Actuator for drive		A.C. Brushless motor	
	X travel [mm]	570	700	900
	Feeds [mm/min]		2 - 3000	
	Rapid traverse [mm/min]	5000	6000	6000
OVERALL DIMENSIONS	Actuator for drive		A.C. Brushless motor	
	Max. length for the 2m configuration [mm]	6315	7000 - 8000	9000
	Max. width [mm]	2900	4000	5000
CONTROL	Weight of machine for the 2m configuration [kg]	12000	22000	41000
	CNC Control SIEMENS		Sinumerik 840D	
	Interface with roll database and network connection		ROLLWORK	
	Full library of groove profiles			
CAPACITY	Internet remote assistance			
	<b>ALL MODELS ARE AVAILABLE WITH NOTCHING FACILITY</b>			
	Notching rebar diameter range [mm]		6-50	
	Tooling spindle speed inclined notches [rpm]		0 - 500	
	Tooling spindle speed horizontal notches [rpm]		0 - 500	
	Notching per roll		As many as required	
	Notching angle		Free choice	
Omitting ribs		Free choice		
MARKING & CENTERING	Enlatgng ribs		Free choice	
	Integrated marking device			
	Automatic centering device			



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