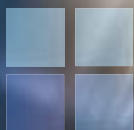


CNC LATHES for BAR, ROD and SECTION MILLS

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			
	ALL MODELS ARE AVAILABLE WITH NOTCHING FACILITY			
	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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