



CNC GRINDING MACHINES

AT 711 E CNC | AT 720 E CNC | AT 730 E CNC



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TECHNICAL CHARACTERISTICS		AT 711 E CNC	AT 720 E CNC	AT 730 E CNC
CAPACITY	Maximum roll diameter [mm]	380	380	450
	Minimum roll diameter [mm]	Suitable for all guide rollers		
	Maximum roll length [mm]	700	1600	2000
	Maximum roll weight fly mounted [kg]	250		
	Maximum roll weight with tailstock [kg]	1000	1500	2000
	Work pieces spindle speed digital controlled [rpm]	0-200		
	Grinding wheel speed digital controlled [rpm]	500-2000		
	Grinding wheel feed range [mm/min]	0.001-1000		
	Rapid movement grinding wheel [mm/min]	10,000		
	Positioning resolution [mm]	0.001		
EQUIPMENT	Electroplated diamond grinding wheel outside diameter [mm]	350		
	Diamond grinding wheel bore diameter	127		
	Grinding wheel type for groove grinding	Electroplated or metal bond		
	Grinding wheel type for the outside diameter grinding	Resin bond		
	Grinding wheel spindle driving power [kW]	15.5		
	Work piece spindle driving power [kW]	5		
	Maximum torque workpiece spindle [Nm]	240		
	Pump delivery rate [l/min]	100		
	Coolant tank capacity, approximately l	500		
	Total power installed, approximately kW	41		
	Self Cleaning Coolant System			
	Coolant pump motor power [kW]	2.19		
	Automatic Profile Control [APC] (optional)			
	Automatic Wheel Setting (optional)			
Hydraulic Tailstock (optional)				
Automatic Wheel Change System (optional)				
Integrated Wheel Redressing System (optional)				
OVERALL DIMENSIONS	Length [mm]	2300	3400	5300
	Width [mm]	2000	2000	2800
	Height [mm]	1900		
	Weight [kg]	5800	7400	8200
CONTROL	CNC Control SIEMENS	Sinumerik 840 D		
	Interface with roll database and network connection	ROLLWORK		
	Modem for remote assistance			



Atomat S.p.A. Strada di Oselin 16/17
 33047 Remanzacco | Udine | Italy
 Tel. +39 0432 648511 Fax +39 0432 667101
www.atomat.com info@atomat.com

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 Numero REA UD - 269801 PIVA 02550190306
 Società soggetta alla direzione e coordinamento da parte di Atomat Holding S.r.l.