

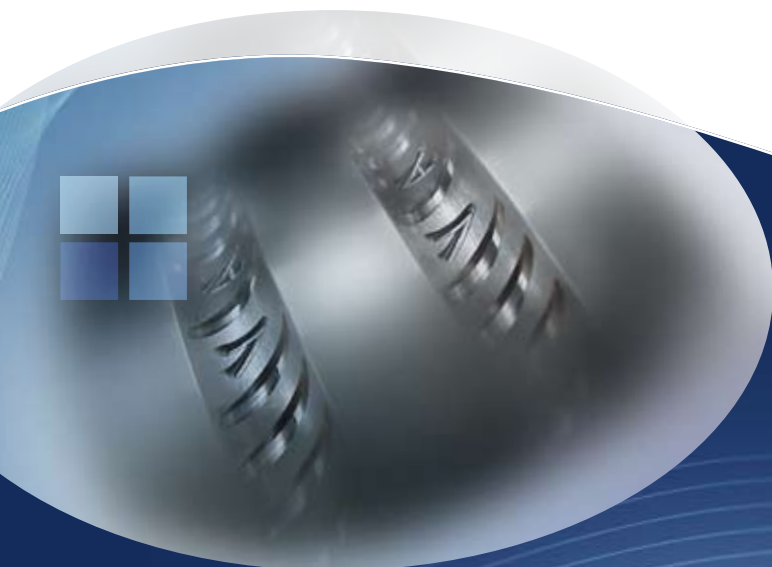


CNC NOTCHING and MARKING MACHINES

AT 820 E CNC | AT 820 E HD CNC

CNC NOTCHING and MARKING MACHINES

| TECHNICAL CHARACTERISTICS | | AT 820 E CNC | AT 820 E HD CNC |
|---------------------------|---|--------------|---------------------|
| CAPACITY | Maximum roll diameter [mm] | 500 | 700 |
| | Minimum roll diameter [mm] | 110 | 150 |
| | Maximum roll length [mm] | 2200 | 2500 |
| | Notching rebar diameter range [mm] | | 6-50 |
| | Tooling spindle speed [rpm] | | 0 - 500 |
| | Notching per roll | | As many as required |
| | Notching angle | | free choice |
| | Omitting ribs | | free choice |
| | Enlarging ribs | | free choice |
| | Maximum weight between centers [kg] | 2000 | 5000 |
| MARKING | Integrated Marking Device | | |
| | Marking speed in cast iron rolls [mm/min] | | 20-30 |
| | Marking speed in tungsten carbide rolls [mm/min] | | 10-15 |
| | Customized logos | | |
| CENTERING | Marking at 45° for squared rebar | | |
| | Automatic Centering Device for centering of grooves, ribs and marks | | |
| | Automatic Measuring and Centering Device for measuring and automatic correction of the rib depth | | |
| ADDITIONAL CAPABILITIES | CBS: automatic chamfering of the rib edge | | |
| | AL-CUT: alternate cutting for longer tool life | | |
| | RE-SY: automatic program resuming | | |
| | Automatic lubrication of tool holder support | | |
| EQUIPMENT | Working system 4 axis CNC digitally controlled | | |
| | Work piece spindle, controlled by Siemens digital motor [kW] | | 8.5 |
| | Tooling spindle, controlled by Siemens digital motor [kW] | | 5 |
| | Longitudinal feed (Z axis), controlled by Siemens digital motor [kW] | | 3.5 |
| | Cross feed spindle (X axis), controlled by Siemens digital motor [kW] | 3.5 | 5 |
| | Tailstock positioning electrically controlled | | |
| | Four jaw chuck [mm] | 500 | 700 |
| | Tailstock taper size | CM6 | ISO 80 |
| | Motorized tailstock and sleeve travel [mm] | 150 | 220 |
| | Total power installed, approximately kW | | 22 |
| OVERALL DIMENSIONS | Length [mm] | 4700 | 5100 |
| | Width [mm] | 2100 | 2540 |
| | Height [mm] | 2030 | 2200 |
| | Weight [kg] | 11110 | 15000 |
| 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

Capitale Sociale € 1.000.000,00 i.v. Cod. Fisc. e N.reg. Imprese 02550190306
 Numero REA UD - 269801 PIVA 02550190306
 Società soggetta alla direzione e coordinamento da parte di Atomat Holding S.r.l.