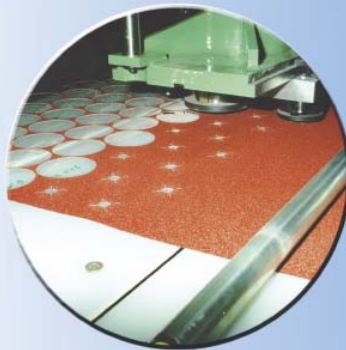
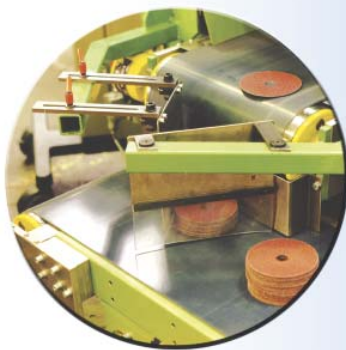
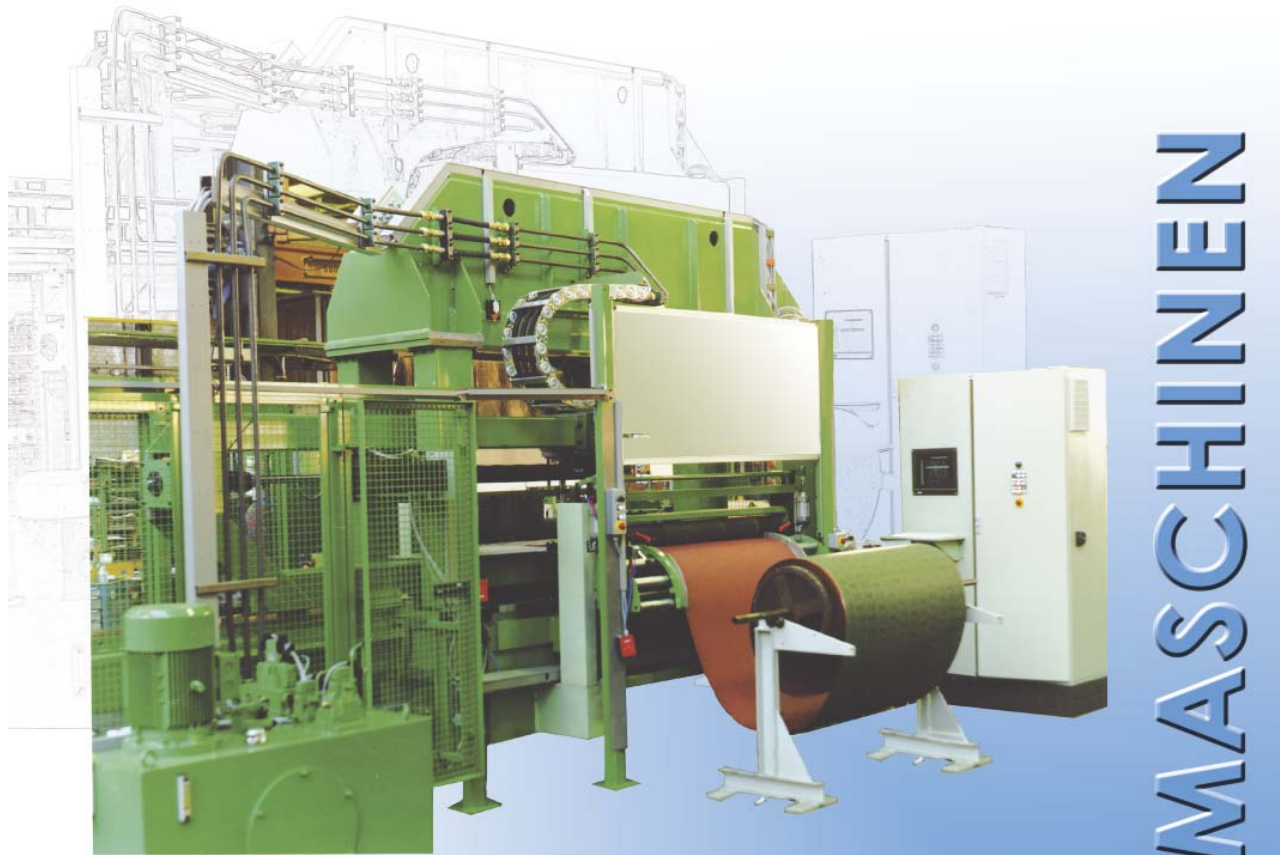


2078/79

schoen + sandt

Electro-hydraulic Automatic Crosshead Die Cutting Machine *for Male and Female Tools*



STANZMASCHINEN

Electro-hydraulic Automatic Crosshead Die Cutting Machine for Male and Female Tools, Type 2079

Automatic die cutting machine for cutting with male and female tools.

Optimum material yield and high cutting speed guarantees a maximum economy of operation.

Rigid welded steel construction.

With crosshead driven via ball lead screw and servo motor, traversing underneath the beam in exchangeable hardened guide rails across the complete width of the machine. Crosshead designed for the reception of male and female cutting dies for fiber glass discs, max. disc diameter 230 mm.

With mechanical low point limitation, automatically adjustable

The low point adjustment is programmable, i.e. after a preset number of cutting strokes, the low point limit descends in steps of max. 0,1 mm. This means that the low point limit can be programmed depending on the wear of the cutting tools.

Cutting stroke and return stroke are actuated hydraulically. The hydraulic power unit stands separate from the machine. It contains pump, motor and hydraulic control valves, which are mounted on a carrier plate on top of the welded oil container.

The electric controls of the die cutting machine are based on an industrial PC with color display screen. All operating elements are installed in a control panel to be ergonomically and user-friendly. All machine movements and settings for cutting pressure, tool height, material thickness, feed, etc. can be individually operated manually by means of push buttons. All input/output modules of the machine are connected to the PC via fiber-optic cable which guarantees quick and safe data transfer between PC and I/O modules.

Error diagnosis (trunk diagnosis also) by means of a telephone modem, even possible during machine operation.

The complete electrical installation is in correspondence with EN-rules 60204.

Cutting program input as free or step-and-repeat programming.

Automatic cutting program calculation for discs and rectangulars considering optimum material yield by entering material and cutting die dimensions.

Specifications:

Cutting force: 250 kN (25 Mp.)

Bed depth: 450 mm

Daylight: 2250 mm

Usable bed width: 1700 mm

Cutting speed: 160 mm/s

Return stroke speed: 170 mm/s

Travelling speed crosshead: 800 mm/s

Accuracy: +/- 0,1 mm

Type 2078: design with 2 crossheads

Type 2079: design with 1 crosshead

SCHOEN + SANDT Machinery GmbH
Lemberger Str. 82, 66955 Pirmasens
Postfach 2563, 66932 Pirmasens, Germany
Telefon: +49 (0) 63 31 / 713-0
Fax: +49 (0) 63 31 / 713-125
Internet: www.schoen-sandt.de
E-Mail: info@schoen-sandt.de

schoen + sandt

American & Schoen Machinery Company
100 Cummings Center, Suite 140A
Beverly, Massachusetts 01915 U.S.A.
Telephone: 800-777-2762, 978-524-0168
Fax: 978-524-4805
Internet: www.asm-schoen.com
E-Mail: info@asm-schoen.com

American

Schoen
MACHINERY COMPANY