

HYLATECHNIK

Your specialist for machines and components for sheet metal forming

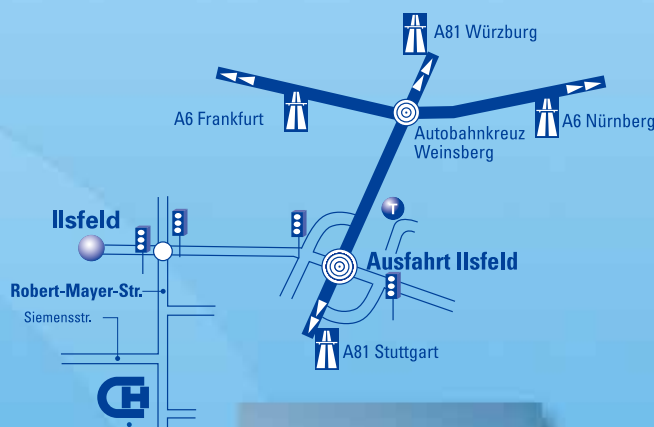


It's the performance that counts!
As a leading company specialised in hydraulic components for sheet metal forming, we have to respond to a large variety of demands and continually find new solutions. This often results in completely new working methods and applications. These are, therefore, new and innovative solutions. Our profound knowledge and long experience enables us to face any task.

Challenge us !



THIS IS WHERE YOU REACH US



HYDRAULIC MACHINES AND COMPONENTS FOR SHEET METAL FORMING



Hylatechnik · Paul Chrubasik GmbH
Robert-Mayer-Strasse 7 · D-74360 Ilsfeld · Germany
Telephone +49 70 62/90 57-0 · Fax +49 70 62/90 57-57
info@hylatechnik.de · www.hylatechnik.de

HYDRAULIC BLANKHOLDERS/ CUSHION SYSTEMS



Adequate blank holder force is of great importance in sheet metal forming. Hydraulic pressure is an excellent way to create these forces. Integration of one or more hydraulic functions in one tool delivers an optimum and economical solution. Faster tool change, no pressure pins or other intermediate components, reduced set-up time. Hydraulic systems guarantee high, controllable blank holder forces. This makes hydraulics in press tools so flexible and reliable compared to other systems.

BLANKING STROKE DAMPERS



With the HYLATECHNIK BLANKING STROKE DAMPERS the life of the press and dies is substantially increased. Noise and vibrations are significantly reduced.

OTHER PRODUCTS AND SERVICES

- die splitting and turnover device
- hydraulic parallelism control for presses
- safety-upgrades and -inspection of presses
- modernisation of all makes of hydraulic presses
- machining:
 - turning up to $\varnothing 800 \times 2000$ mm
 - drilling/milling up to 4000×2000 mm



PARALLEL-LIFTING DEVICE

Replaces sledge hammer and crowbar, saves working time and protects tool guides. Four lifting cylinders are hydraulically dosed for exact parallel motion. Unequal cylinder loads (for instance by uneven weight distribution or friction) do not cause a noticeable stroke discrepancy.

HYDRAULIC SHEARS



For cutting up sheet metal separately from the press tool. Flexibility in design of shear and hydraulic drive allows various applications:

- scrap shears
- cut-to-length shears
- crop shears

HYDRAULIC PRESSES



- Blanking Presses:** Compact, very robust 4 pillar design, specially suited for blanking operations.
- Deep Drawing Presses:** Double-sided press for single or multiple action. Lubrication-free 8 x guides. Cushions in plate design, multipoint and active cushions.
- Column Presses:** Rigid steel weld construction. Slide with long, largely dimensioned guides. Various applications as production or try-out press.
- General Purpose Presses:** Low priced double-sided press with column guides against the top part.
- C-Frame Presses - alternative:** Modern, low priced hydraulic blanking press converted from old mechanical presses. Integrated blanking stroke damping.
- C-Frame Presses:** Robust C-frame steel weld construction dimensioned for minimised deflection. Various versions as blanking, drawing or assembly press.
- Special Presses:** Horizontal-, assembly-, horn-, underfloor-presses, automated presses.