

Hydraulic Presses



- Deep Drawing Press LPS – flexible press for advanced deep drawing.
- Blanking Press LMB – press range for blanking, forming and coining operations, in fully automatic design.
- Multi Purpose Press ODEN – versatile press for various forming operations.
- Large Bed Press ZF – specially designed for forming of large components.
- Hydroforming – forming of tube and sheet parts with the aid of fluid subjected to high pressure.
- Transfer Press MSP – compact, modular based press for complete production lines.
- Tool changing systems – fast and secure changeovers.

Deep Drawing Press LPS

- Specially designed for advanced deep drawing and hydroforming with pressure dome
- Press forces 1,250 - 6,300 kN



Deep Drawing Press LPS

Blanking Press LMB

- Rigid, short stroke hydraulic blanking and coining press in automatic design
- Press forces 1,600 - 160,000 kN



Blanking Press LMB



Multi Purpose Press ODEN

Multi Purpose Press ODEN

- Versatile press for various forming operations
- Selectable in two models, Welded Plate (WP) and Flexible (F), depending on size and functionality
- Press forces 1,000 - 12,500 kN



Large Bed Press ZF

Large Bed Press ZF

- Hydraulic press range with large bed sizes and press forces, specially designed for forming of large components
- Press forces 6,300 - 25,000 kN

Hydroforming Presses

Press forces 4,000 – 120,000 kN



Hydroforming Press HF

Hydroforming Press HF

- Short stroke press in a tie rod design with a slide blocking unit

Hydroforming Press ZHF-F

- Long stroke press in a tie rod design

Hydroforming Press ZHF-C

- Short stroke press using cylinder membranes and sideways blocking devices

Hydroforming Press ZHF-L/M

- Long stroke press in a welded mono-block design

Hydroforming Press HMD

- Hydraulic press with pressure dome and oil-supported diaphragm. Specially developed for advanced forming of complex deep drawn parts with high demands on surface and tolerances

HPS Retrofit

- Water and hydraulic high pressure system with HNC for retrofit

Control System HNC

- A servo/NC control system adapted for hydroforming applications and operates with high accuracy in positioning, speed control and pressure regulation



Hydroforming Press ZHF-F



Hydroforming Press HMD

Transfer Presses

Multi Station Press MSP

- Multi Station Press with up to six (6) individually working stations where the press force can vary in each station
- Max press force 3,150 kN/station, max total press force 5,000 kN



Multi Station Press MSP

Operators Interface

LOGOS - a module-based graphical HMI (Human Machine Interface) developed by AP&T for the metal forming industry.

HNC - For servo-controlled hydro-forming applications.



Tool Changing Systems

AP&T has great knowledge and experience in tool handling equipment and offers manual or automatic tool changing systems for fast and secure changeovers.

- Automatic tool clamping
- Tool trolleys
- Tool racks
- Tool brackets and tool lifters

