

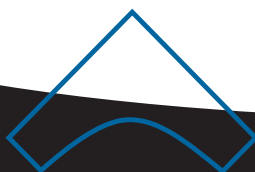


SERVO DRIVE TECHNOLOGY - SERVO PRESSES

Our entire portfolio of press systems can also be equipped with **Servo Drive Technology**. Whether high-performance transfer presses, stamping presses, or hydraulic presses – we work closely with you to determine the optimal configuration tailored precisely to your specific application requirements.

Advantages of Mechanical Servo Presses

- › **Maximum flexibility** – freely programmable motion parameters (speed, stroke, ram profile)
- › **High energy efficiency** – no unnecessary idling with brake energy recovery
- › **Higher productivity** – shorter cycle times, higher output
Improved part quality – precise speed and position control
- › **Longer tool life** – gentle tool engagement, reduced machine stress
- › **High versatility** – multiple tooling concepts on a single press





Product page

Advantages of Hydraulic Servo Presses

- › **Energy-efficient operation** – optimized hydraulic power usage
- › **Reduced oil volume** – hydraulic system with approx. 40% less oil
- › **Up to 70% energy savings** – compared to conventional hydraulic systems
- › **Regenerative energy recovery** – e.g., via die cushion functions
- › **Minimal idle energy consumption** – virtually no energy use during press idle time
- › **Reduced cooling requirements** – lower thermal load on the hydraulic system

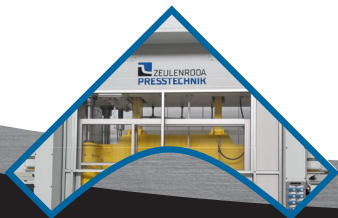
Servo presses provide long-term investment security thanks to their versatility, even with

Accuracy

- › **High system accuracy** – even without separate position measurement systems
- › **Pressure accuracy** of up to 1%

Ease of Maintenance

- › **Simplified valve control** – reduces potential failure sources by approx. 30%



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