

# **ENERGY-EFFICIENT NEFF HYDRAULIC SERVO PRESS SYSTEMS**

NEFF hydraulic SERVO presses combine maximum energy efficiency with impressive dynamics as well as flexibility and precision in all applications. The NEFF SERVO-Drive is used in hydraulic presses for a wide range of applications in all areas, for example sheet metal and plastic forming, for a wide range of processes in the cold and hot area and for special processes such as the broaching process.

## **Technology combines outstanding precision with maximum savings potential**

NEFF SERVO-Drive offers a consistently high press force, the dynamic speed and closed loop control processes of a hydraulic press, and at the same time impresses with high-energy efficiency. The technology is being used as main drive for the press slide as well as for other process-relevant axes.

## **Advantages for the pressing process**

- exact regulation with high accuracy
- synchronous operation of the axes for parallelism control of the press slide
- Precise closed loop control of the press forces over the entire work cycle

## **Outstanding energy efficiency for more profitability**

NEFF hydraulic SERVO presses have significantly lower energy consumption compared to conventional hydraulic presses, depending on the customer's application and production process.

- Reduction of cooling consumption
- improvement of machine availability and reduction of maintenance and servicing costs
- Very good slide parallelism enables reduction of die wear

## **Additional benefits for the environment and surroundings**

In addition to the economic aspects, the new technology scores with numerous other advantages for the environment.

- Active contribution to environmental protection and reduction of the CO2 footprint
- Significant reduction in noise level due to NEFF SERVO-Drive
- Resource-saving due to longer service life of the hydraulic oil

**Conclusion:** The NEFF hydraulic SERVO press offers a wide range of possibilities for process optimization and energy savings. Our flexible modular design enables an individual and exact press design that is oriented to your applications and processes.