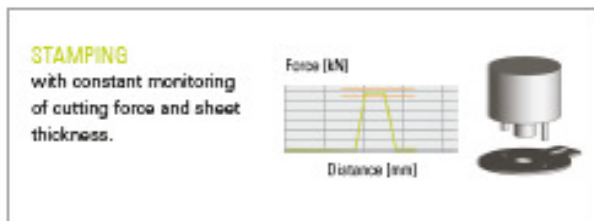
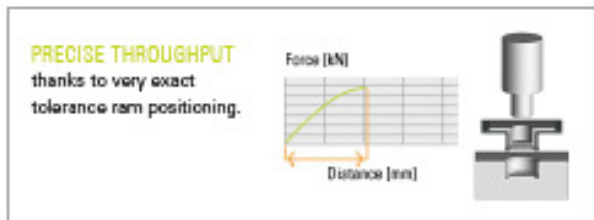
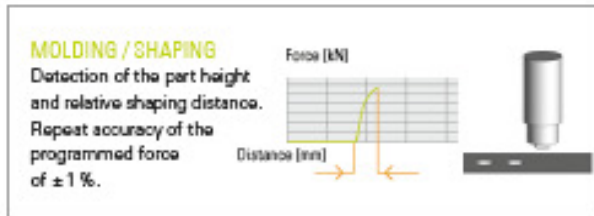


# UNIVERSAL ASSEMBLY PRESS PROMESS-RAPID

- Short cycle time and high speed for a broad range of applications
- Compact design, easy to integrate into existing systems





Functional principle

## UNIVERSAL ASSEMBLY PRESS PROMESS RAPID

The performance of the Universal Assembly Press PROMESS RAPID is comparable to linear motor systems but it offers a better energy efficiency. The unit reaches speeds of 500 mm/s and an acceleration of  $30 \text{ m/s}^2$ . It is designed for forces of up to 5 kN and is suitable for all kinds of assembly and monitoring tasks requiring short cycle times

The PROMESS RAPID features an integrated force-distance-monitoring which guarantees for consistent quality of the production process. Equipped with an extremely robust set-up it is suitable for long periods of use. The assembly press comprises of the following components: housing, drive, AC-servomotor, gear, force transducer, press ram.

## CHARACTERISTICS

- Speed: max. 500 mm/s
- Acceleration:  $30 \text{ m/s}^2$
- Nominal force: 5 kN, further sizes upon request
- Holding time of nominal force: min. 3 sec.
- Repeatability:  $< 0,05 \text{ mm}$
- Stroke: 90 mm
- Bus systems: Profibus, Profinet, Modbus-TCP, Ethernet/IP

### SCOPE OF SUPPLY

Press mechanics, servo amplifier, software, cable set

### ACCESSORIES

Press rack, cable sets, interfaces

### SERVICE

Installation and start-up support, process analysis, pre-tests, consulting