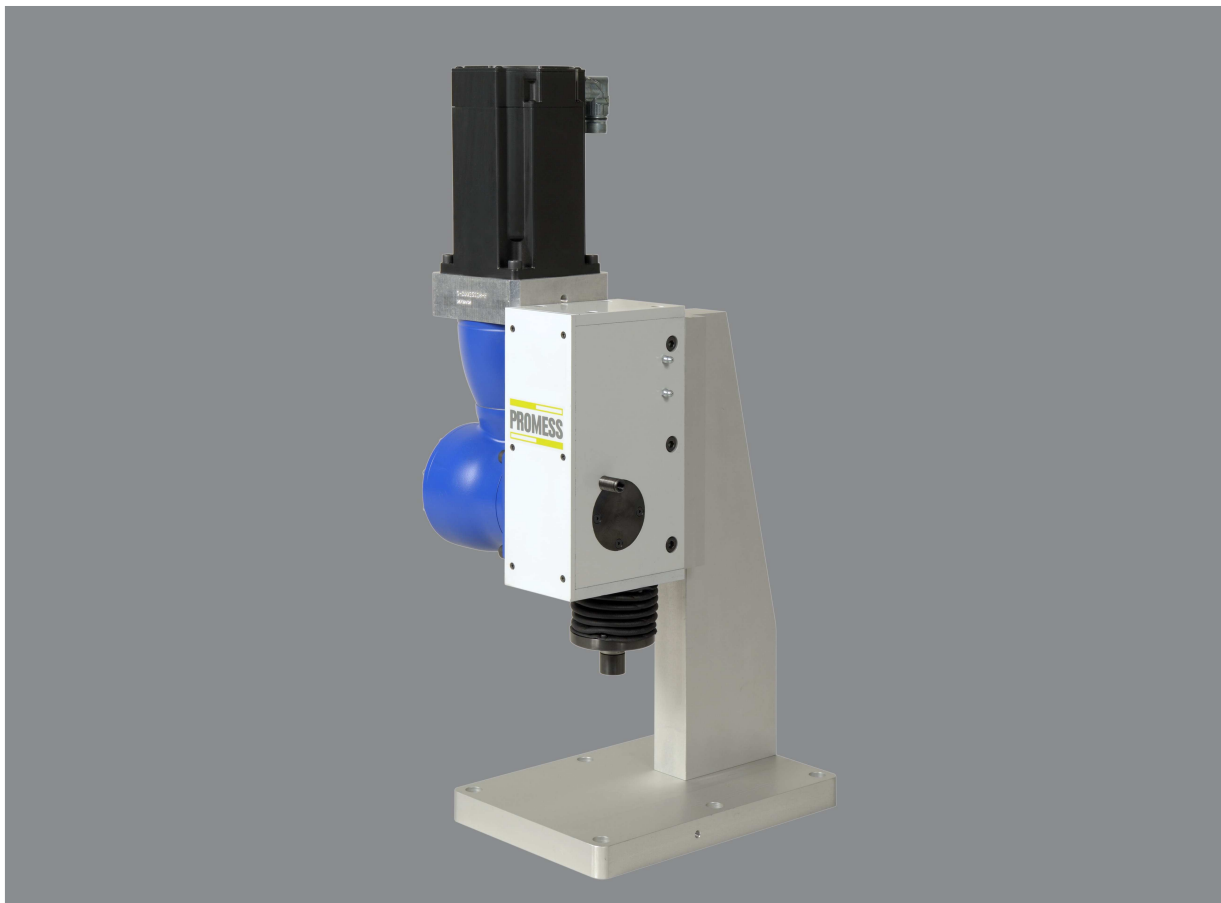


UNIVERSAL ASSEMBLY PRESS PROMESS-RAPID

- Short cycle times and high speeds for a broad range of applications
- Compact design, easy to integrate in existing systems



UNIVERSAL ASSEMBLY PRESS PROMESS RAPID

The Universal Assembly Press PROMESS RAPID was conceived for stamping applications in the plastics industry. In addition it is suitable for all kinds of assembly and monitoring tasks requiring short cycle times. The performance of the new unit is comparable to linear motor systems but it features a better energy efficiency.

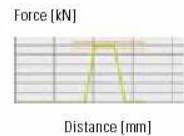
The mechanics of the new PROMESS RAPID is composed of the following components: Housing, Drive, AC-Servomotor, Angular gear, Force transducer, Press ram. The angular gear allows for a compact design where the motor is mounted parallel to the moving direction. Thus the presses can be integrated easily in existing systems – horizontal or vertical.

CARACTERISTICS

- Speed: max. 1.700 mm/s
- Acceleration: 30 m/s²
- Nominal force: 5 kN, further sizes upon request
- Hold time of nominal force: min. 3 sec.
- Repeatability: < 0,05 mm
- Stroke: 110 mm
- Optional: force measuring and monitoring by PROMESS PRO Modul
- Bus systems: Ethernet, Profibus, CANOpen, Interbus, DeviceNet

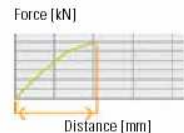
STAMPING

with cutting force monitoring.
Stamping with continuous stampforce monitoring: Thickness of the sheet and cutting state is monitored constantly.



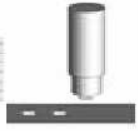
PRECISE THROUGHPUT

thanks to very exact tolerance ram positioning.



MOLDING/SHAPING

detection of the part height and relative shaping distance.
repeat accuracy of the programmed force of $\pm 1\%$.



SOCPE OF SUPPLY

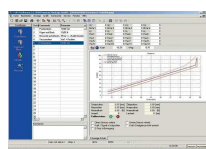
Assembly Press PROMESS RAPID with motor, Servo Amplifier, NC-Modul, Operator Software, Motor and Resolver connector, Initiator cable

ACCESSORIES

PRO Modul for the force measurement (optional), Press rack, Cable sets, Interfaces

SERVICE

Installation and start-up support, Anlaufbetreuung, Process analysis, Pre-Tests, Consulting



Standard or
Panel-PC



Servo Amplifier



PROMESS-
RAPID