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synchropress® –  
force combined with greatest precision

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For almost 20 years synchropress® has been a synonym for profound experience in the design and development of spindle presses. All synchropress® systems are operated by servomotors and offer an innovative combination of force, precision, and durability second to none in the industry.

The tailor-made presses find their perfect application in various types of industries as they can be modified individually according to specific production conditions.

Our comprehensive offer includes individual engineering services, in-house design and construction and reliable maintenance services. Thus, we can guarantee our customers premium technology, individual support and highest possible availability at any time.

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Did we spark your interest?  
We are looking forward to hearing from you!

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It is our pleasure to schedule a meeting with a synchropress® user for you. Thus, you can witness a production process operated by synchropress® that is comparable to your specific requirements.

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synchro**press**

Draw.  
Stamp.  
Form.

# Precision in perfection with synchropress® technology



- 01 Motor
- 02 Press table
- 03 Press ram
- 04 Spindle and spindle nut
- 05 Guide column
- 06 PC control
- 07 Casing



## 1M – four mechanically synchronized spindles

- Length of press table: 450 – 2,500 mm
- Depth of press table: 450 – 2,000 mm
- Height of press table above floor: 800 – 1,200 mm
- Connected power: < 5 – 25 kW
- Pressing force: 50 – 1,500 kN
- Stroke path length: 100 – 1,000 mm
- Max. press ram travel speed: up to 50 mm/sec

## 1M-10 – four mechanically synchronized spindles

- Open system
- Length of press table: 450 – 2,500 mm
- Depth of press table: 450 – 2,000 mm
- Height of press table above floor: 800 – 1,200 mm
- Connected power: < 5 – 10 kW
- Pressing force: 50 – 1,500 kN
- Stroke path length: 100 – 1,000 mm
- Max. press ram travel speed: up to 10 mm/sec

## 4M – four electronically synchronized spindles

- Length of press table: 450 – 5,000 mm
- Depth of press table: 450 – 2,500 mm
- Height of press table above floor: 1,000 – 1,800 mm
- Connected power: 20 – 500 kW depending on operating mode

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Pressing force:  
500 – 9,000 kN

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▬

Stroke path length:  
300 – 1,500 mm

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max. press ram travel speed:  
up to 300 mm/sec

## Benefits

- Tailored to individual customer requirements
- Excellent tilting stability
- Versatile use in multiple fields of application due to various operating modes: Set up mode, manual loading mode, automatic mode
- Compact construction, low weight
- Outstanding cost-benefit ratio
- Sensitive control of ram motions down to hundredth of millimeters via use of joystick
- Optimal accessibility from all sides
- Low in maintenance, no structural modifications required