

Ready to test and to sell in short time



Pictures show similar press

RUCKS Press KV275.12

Up Stroke Design

Technical Data

Plate dimension	mm x mm	600 x 600	Closing speed	mm/s	90
Press force	kN	1000	Opening speed	mm/s	90
Specific pressure	N/mm ²	2,78	Press speed	mm/s	2,5
Daylight height	mm	300	Temperature	°C	450
Stroke	mm	300			

Total mass	kg	7180
Dimension	mm	(LxBxH) 3600 x 1820 x 2130
Connected value	kW	76
Control system	15" Grossenbacher HMI Control, Step 7 compatible	

Precision – Heating System / High Dynamic Closed Cooling System

- Up to 450 °C → High performance material (e.g. PEEK)
- *Temperature distribution of heating surface up to 1,5 K @ 400 °C
- *Adjustable heating rates up to 10 K/min ($\Delta T \pm 10$ K/min)
- *Controlled cooling with cooling rates up to 10 K/min ($\Delta T \pm 10$ K/min)
- Closed, high dynamic RUCKS cooling system / water in primary and secondary circuit
→ very efficient and very good combinable with T= 450 °C
- Purpose-developed duct geometry / flow conditions → avoidance of steam strokes
- Easy to operate

Further Features For High Customer Advantages

- **Very compact** → easy transport, less space requirements
- * **Precise press force building** → 20 kN ... 100 kN (± 3 kN), 100 kN...1000 kN (± 7 kN)
- Speeds continuously adjustable
- **Exact pressure plate positioning** by means of electronic, non contact position measurement system
- **Homogeneous mass distribution** by means of base plate with round about oil rim
- Failure diagnostic and remote maintenance **in short time and cost saving**
- **Well arranged, free programmable** automatic steps
- Incl. **quality tool** RUDAS data acquisition and management system
- Incl. comfort time control, heating current monitoring, language switching to English, test function I/O moduls, machine specific temperature alignment... and many further features

**Measured according to RUCKS Standard measurement methods / values can be different depend on measurement conditions.*