

*Deliverable in  
short time*



- *Machine retrofit in 2024, state-of-the-art*
- *Current control generation, intuitive and even operable with gloves*
- *Wide press force range of 85...1700kN*
- *Deliverable in short time at a **special price***

## Heating Press KV213.00R

Compact Power Pack

State-Of-The-Art Retrofit Machine

## Technical Data

Plate dimension	mm x mm	600 x 600	Closing speed	mm/s	50
Press force	kN	1700	Opening speed	mm/s	50
Specific pressure	N/mm <sup>2</sup>	4,72	Temperature heating plate	°C	200
Daylight height	mm	250	Heating	electrical	
Stroke	mm	250			
Total mass, approx.	kg	4200	Connecting value, approx.	kW	40
Control system	21" HMI Control + SPS Control				

## Customer's Benefit For Installing, Process And Operation

- **Very wide range of press force 85kN...1700kN, high specific pressure up to 4,7N/mm<sup>2</sup> → wide range of use**
- **Compact up stroke design → low required space**
- **Intuitive color panel, even operable with gloves**
- **Ergonomic operation and high reproducibility**
- Very **energy efficient heating processes** with constant plate temperatures:
  - $\Delta T \pm 3K^*$  @160°C (RUCKS standard measurement methodes)
  - Energy efficient switch off operation for hydraulic unit when set pressure is reached
  - Heating plates with roundabout isolation and isolation against press frame
- 4xM12 holes per heating plate for mold fixation
- **Furthermore incl. maintenance assistant, instruction manual in HMI, comfort time control with week timer, hydraulic plans, I/O overview, OPC UA server**

## Quality Control And Data Recording For Parts With Highest Claims

- **Temperature controlled by means of multi zone controlling → homogeneous temperature distribution**
- **Pressure and position controlled**
- **Optional data recording, saving and evaluation → automatically by means of RUDAS software**

*\*Measured according RUCKS standard measurement rules / values can be different according measurement conditions.*