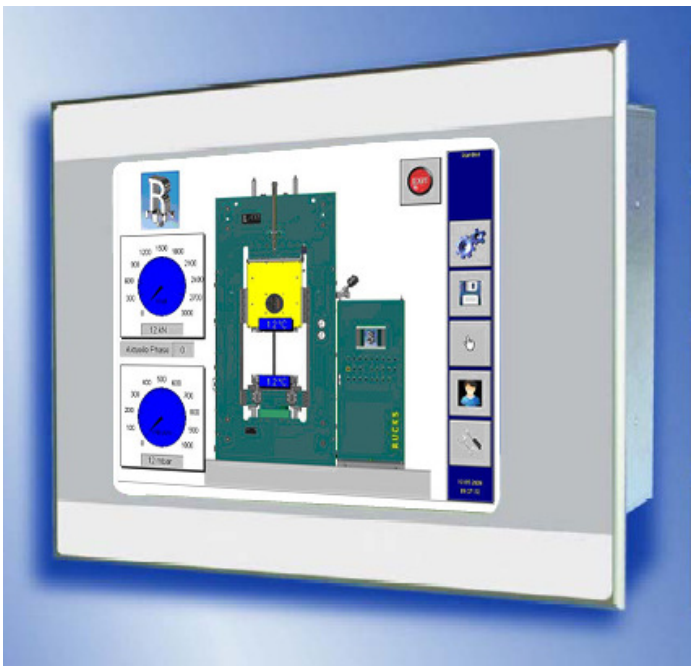
RUCKS Maschinenbau GmbH

08371 Glauchau, Auestrasse 2

gegründet 1843

Electrical Control:

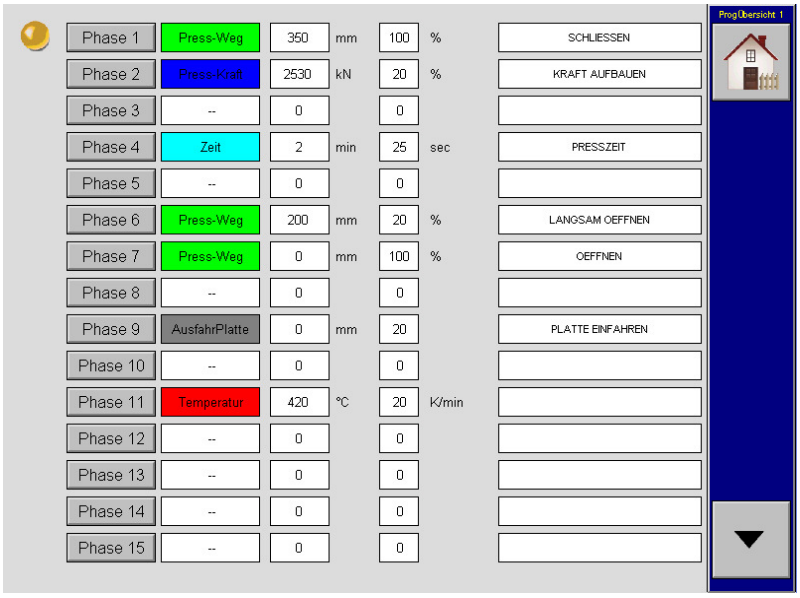
- Rittal – switch cabinet for the press control
- Handling via HMI-control from Grossenbacher with a 15” infrared touch panel (**scratch resistant and up to 19” possible**), which even can be operated with gloves



smallest size 12”, biggest size 19”

- **Password protection** on the panel with 3 separate user levels (e.g. employee and boss)
- Press control and temperature regulation with **soft-PLC which is integrated in the HMI**
- Programming of the PLC with **SIMATIC Step 7 or 3S- CodeSys**
- **Fieldbus, Ethernet and USB** interface for future applications are included
- All parameters such as press-, closing- and opening velocity, pressure, temperature etc. can be **adjusted individuall**y by a, for your press configured, touch panel menu

- **Remote maintenance** of the control via dial in router for a quick error analysis / optional also via line or LAN
- **Central monitoring of all security functions** via a programmable PILZ safety controller
- **Logic and intuitive user guidance**
- **Customised display of complex processes** via intelligent service menu
- **Remote control** via software WEB-VISU
- Pushbuttons partially LED illuminated for all basic functions of the press like closing, opening etc.
- Programming respectively program sequence of the press is based on our control software “RUxx-logic HP standard” with up to **60 free configurable automatic steps** and automatic loops / adjusted individually to the requirements of your press



up to 60 free configurable automatic steps

- **Visualisation of the hydraulic diagram** for easy fault diagnosis
- In case of a functional disorder, an error message appears on the screen and a read alarm light starts blinking
- Usage of **optical coupler** for switching the hydraulic valves → thus increasing of the durability of the coupling relay
- Retrofitting of a **data acquisition (RUDAS**) possible