



WOOD TECHNOLOGY | UPGRADE

Replacement of existing Bernecker and Rainer PLC (B&R Multicontrol) with

Siemens S7-1500 CPU including new software

Replacement of existing Bernecker and Rainer HMI with

Siemens Touch Panel self-explaining visualization system

Replacement of existing SIG Positec Power Amplifiers for Stepper Motors for Knife positioning and Carriage feed with

4 x Schneider Power Amplifiers for 3 Phase Stepper Motors and 2x 3 Phase Stepper Motors for Knife Positioning

including electrical and mechanical installation material





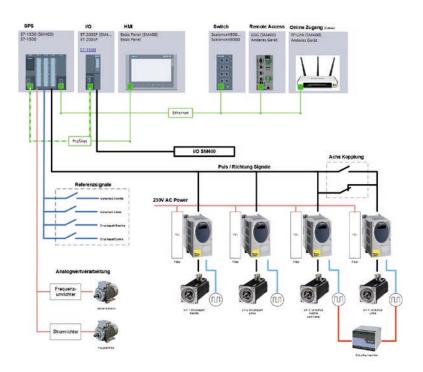


Conversion Kit for MCC / PLC / LCB

for SM400/520 Veneer Slicer including new software

WOOD TECHNOLOGY | UPGRADE

Are you still using a control system which is not available on the market anymore? If so, you should plan your upgrade now before legacy systems and unexpected failures cause unplanned downtime or unnecessary maintenance costs. Grenzebach BSH offers cost optimized revamping of your old B&R slicer control system and your old stepper motors.



Benefits of an upgrade:

- » Simple, cost-saving revamp concept
- » Upgrade with GSG (Grenzebach Service Gateway) and replacement of the CPU, all I/O components, Power Amplifiers and Stepper Motors for Knife positioning (see diagram)
- » Minimized risk of control system or control station failures
- » High availability through use of latest CPU technology
- » Use of up-to-date I/O hardware
- » Full Siemens Automation and Schneider Electric support
- » GSG (Grenzebach Service Gateway) with secure access via VPN tunnel technology, allowing service contracts with variable response times
- Supply of preassembled I/O components and upgrade documentation allowing you to install components by yourself to reduce the revamp costs
- Fully tested components and software
- Short shutdown and commissioning times
- Same user interface as before
- No new operator training required, documentation still applicable
- » Modern Ethernet topology for control system and operator panel

Your Service contact is available to provide further details and advice regarding the Conversion Kit for MCC / PLC / LCB. We shall be glad to prepare a revamp concept for you.



- + Increased productivity
- + Extended service life
- + Maximized machine availability
- + Higher profitability
- + Lower total operating costs



ADDED LIFETIME - ADDED VALUE

Grenzebach BSH GmbH

Rudolf-Grenzebach-Straße 1 36251 Bad Hersfeld Germany

Phone: +49 906 982-2400

E-mail: service.gbsh@grenzebach.com

Version 04|2023

