



CUS Control Upgrade

Thanks to a CUS control upgrade and additional retrofit options, stay efficient and safe into the future – with increased competitiveness.

Modernize your installed base and increase your availability and productivity. With a CUS control upgrade for Satos, Nova-H, and NOVA-RSA machines, you benefit from the latest Siemens technology and innovative diagnostic functions. Various additional options provide greater process reliability and significant cost savings. Please note that the hardware for your installed control solution (operator panel/PLC control) for Satos, Nova-H, and NOVA-RSA machines is either limited or no longer available.

Take this opportunity now for a **hardware and software update!**

Upgrade advantages

- Increase in machine availability
- User-friendly operation with comfort functions
- Latest Siemens device generation for maximum reliability
- HMI diagnostic pages to assist with fault diagnosis and troubleshooting
- Preparation of the machine for automation and additional options
- Improved remote maintenance and troubleshooting
- Securing service and spare parts supply

Package contents

- Control software based on TSQ concept
- Siemens CPU S7-1517F
- Siemens Simatic Box IPC with large monitor (approx. 24"), keyboard/mouse and WinCC HMI Runtime Application

Your additional options

- Integration of TSQ belt tracking: Automatic belt oscillation for faster start-up of the sanding line
- Motorized fine adjustment of contact drum and sanding platen: More comfortable and precise sanding process control leads to better sanding results
- Integration of sanding platen control (Rise-and-Fall platen): Avoidance of edge sanding, especially for thin boards (<6mm)
- Integration of bearing temperature monitoring and/or vibration measurement: Permanent monitoring of the sanding machine condition increases availability
- Modernization of feed components (frequency inverter): Latest device generation increases reliability
- Replacement of input/output modules (Siemens ET-200SP): Latest device generation with Profinet connection and extended diagnostic function
- Safety upgrade/replacement for discontinued PNOZmulti safety controller

For Satos:
All additional options are possible

For Nova-H, NOVA-RSA:
Options must be checked individually