



Hardware replacement

PCU RETROFIT

PCU REPLACED BY AN INDUSTRIAL PC (IPC)

- ⊕ For all GROB machining centers/linear gantries/transfer lines with a SIEMENS control system
- ⊕ PCU replaced by an industrial PC (IPC) running with Windows 10
- ⊕ Software modified to suit the new system

YOUR BENEFITS

- ⊕ Significantly less expensive than a complete upgrade from a control system
- ⊕ Maximum IT security thanks to the Windows 10 operating system
- ⊕ Familiar HMI with improved performance
- ⊕ Permits the use of additional software
- ⊕ Machine downtime of approx. one day
- ⊕ Option: Spare part availability of electrical components or preventive replacement of all critical electrical components



New control and drive components for machines with PowerLine control systems are generally no longer available. Trading in used components is also becoming increasingly competitive. We offer you two possible solutions. Both solutions provide you with a refurbished component in exchange for the defective one. All components have to pass a thorough function test prior to delivery. You also get an 18-month warranty on the exchanged components.

GET YOUR GROB MACHINE FIT FOR YEARS TO COME

For little investment, you can increase your IT security and guarantee a supply of spare parts over the long term.

PCU RETROFIT PROCEDURE

1. Prerequisite	GROB system with SIEMENS control system and PCU50
2. Software review by GROB's specialist department	Retrofit potential identified
3. Quotation / order	<ul style="list-style-type: none"> • Fixed price quotation • Order placed by the customer
4. Preparation and testing on the GROB test bench	<ul style="list-style-type: none"> • Machine-specific software modified • Software simulation on the new IPC on the GROB test bench
5. Pre-installation at GROB	Customer software (NC archive) is finally installed on the IPC
6. On-site implementation	PCU/MMC replaced by IPC, duration approx. 1 day

Option 1

SPARE PART AVAILABILITY OF ELECTRICAL COMPONENTS

The spare part availability of electrical components option guarantees you a suitable, immediate replacement should any electrical component fail. A scope of critical electrical spare parts to suit your needs is agreed between you and GROB. We guarantee you availability of the spare parts for your selected period, for example 10 years.

- + Assurance of spare part availability up until 2030, for example, even if discontinued by the manufacturer
- + Fixed and attractive exchange costs for the entire period
- + Spare part delivery within 24 hours*

* 24 hours within Europe for orders placed on weekdays before 5 pm .

Option 2

PREVENTIVE REPLACEMENT OF ALL CRITICAL ELECTRICAL COMPONENTS

We also offer the preventive replacement of all critical electrical components for all GROB machines.

- + Increased machine availability
- + Reduced machine downtimes
- + Attractive conditions