

Up to 90 percent faster commissioning



Real-time remote diagnostics

Leading in Adaptive Control

Factory of the Future-ready, Maximum Flexibility & Quality – Welding Control PRC7000

rexroth

Welding processes in the automotive industry have to meet the strictest requirements regarding process safety and the quality of welding spots. With the new welding control family PRC7000 (PRC7300 and PRC7400), automotive manufacturers benefit from faster commissioning, maximum availability and energy efficiency, simple handling and maximum flexibility.

HIGHEST QUALITY CONTROL OF WELDS

- PRC7000 provides reliable, high weld spot quality
- Precise adjustment of the welding current eliminates spatter and expensive reworking

90% FASTER & USER-FRIENDLY

COMMISSIONING

- Innovative software tools and a modular design enable up to 90% faster commissioning
- Up to 10,000 welding programs can be stored and help to accelerate manufacturing processes
- Easy integration into automation systems thanks to the electric servo-gun front-end, open communication interfaces, and robot integration

FACTORY OF THE FUTURE-READY

- The dual-processor architecture for process control and communication enables high data transfer rates without affecting the welding process control
- An integrated web server allows wireless operation and diagnostics via mobile devices

ENERGY-EFFICIENT & COMPACT DESIGN

- The PRC7000 reduces energy consumption up to 30 percent during the welding process and up to 80 percent in the idle mode
- When production pauses, the higher-level controller can switch the welding controllers to standby mode via field bus and activate them again if required
- New performance electronics reduce power loss and enable the use of smaller, more compact cooling systems



Maximum energy efficiency



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Open system architecture

CONTACT

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