



Smart Pump Management.

Extend the lifetime of hydraulic components.

Available for Carat.

Extending the lifetime of the Hydraulic System.

Our new smart pump management system for Carat machines uses proportional valve technology to extend the lifetime of the hydraulic system, and to achieve higher availability with lower maintenance costs. The smart pump management system is made up of an additional hydraulic block with integrated proportional valve technology, electrical connection cables, and a smart software package which ensures an optimized pressure gradient in our Carat machine hydraulic system.

Users also report that the Carat machine's entire hydraulic system has higher availability and an extended lifetime, which stabilizes production and further increases productivity.

Conversion time.

- The Smart Pump Management system is installed on site
- The conversion time is 3–4 hours

Warranty.

12 months, starting from delivery.

Benefits for your foundry

- **Improved performance** – Extended service life for hydraulic components
- **Higher profitability** – lower overall operating and maintenance costs
- **Increased productivity** – due to hydraulic components having lower downtimes, and overall higher uptime

Assembly.

Must be carried out by Bühler service technicians. The work to be carried out includes the integration of a hydraulic auxiliary block including proportional valves, electrical conversions, and the performance of a software update.