Intelligent Paper Roll Clamps

Series CTX











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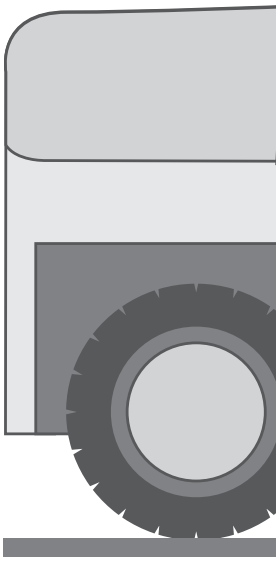
Gentle handling for valuable paper rolls

Excessive clamping force is one of the most common reasons for paper roll out-of-roundness damage. With varying paper grades, roll widths, weights and diameters, the clamping force control task may become overwhelming for the lift truck operator. Auramo CTX G3 paper roll clamps are the ideal solution.

CTX G3 is an automatic clamping force control system for paper roll clamps. It uses optimized, lowest possible clamping force for all handling situations and paper grades. The system minimizes the possibility of paper roll out-of-roundness caused by excessive clamping force.

Intelligent clamps automate the clamping force control and apply the least possible clamping force to the paper roll. At the same time the clamps take into account the following handling factors:

- Paper quality
- Roll weight
- Roll diameter
- Contact pad friction
- Roll wrapper friction
- Environmental factors
- Dynamic factors



Fully automatic clamping force control

CTX G3 Control system is fully automatic and uses proven technical solutions combined with state-of-the-art electronics for controlling and optimizing the paper roll clamp operations. The lift truck operator does not need to pre-select any operation parameters or change the clamping force settings when handling the loads.

From the handling point of view the intelligent clamp operates the same way as any conventional clamp – lift truck operator has full control on the arm opening and closing functions.

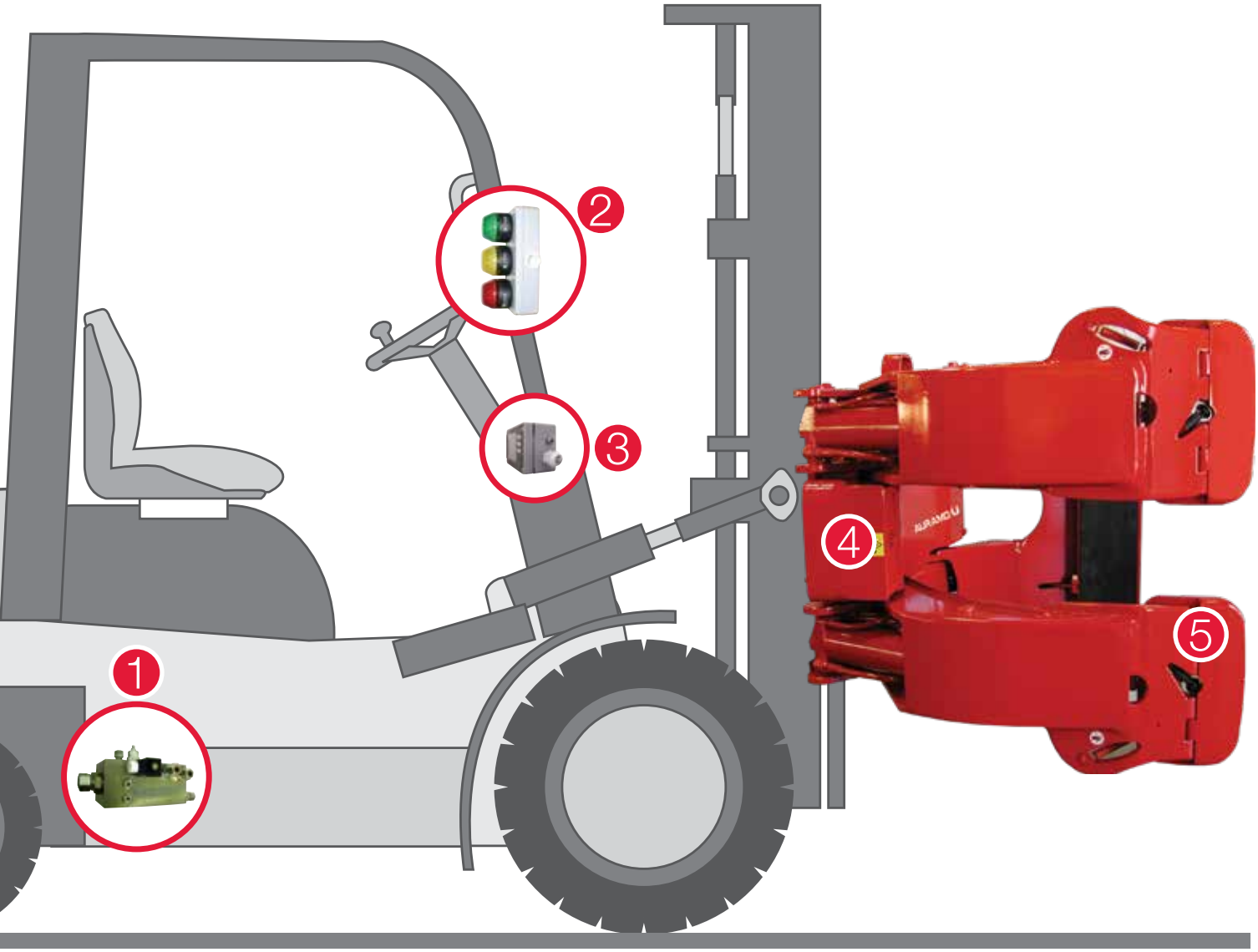
All Auramo CT G3 intelligent clamps share the following operational principles:

- Total clamping force control
- Minimized clamping force in all handling situations
- Lightning-fast automatic clamping force control also on dynamic situations
- Full handling control regardless on the roll position
- Fully computerized control
- Integrated clamp operation testing
- Modular design

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1



Advanced CTX electronics and pressure control system installed on the lift truck provide the clamp with the right amount of hydraulic oil flow and pressure.

2



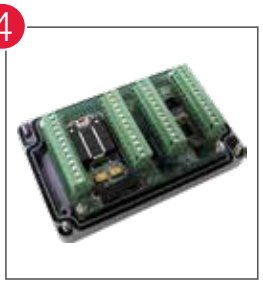
Clear operation lights show the operational status of the clamp. The clamp is easy to use and requires no special operator effort.

3



Optional multi-function display unit provides access to on-board diagnostics and control, and to additional operational features.

4



Clamp processor unit controls the clamping force applied to the paper roll. Advanced hydraulic and electronic features ensure minimized clamping force.

5



Self-testing slip sensors recognize even the slightest movement of the paper roll. This is the key for accurate clamping force control in all handling situations and conditions.

Tailor your own clamp







CTX Max

Utilize the full power of intelligent clamps with CTX Max.

CTX Max further enhances the intelligent clamp operation. This option has a powerful on-board processor and display unit for multilingual testing and clamp operation control.

CTX Max - Prelift

CTX Max Prelift enables automatic lift mast prelift when the paper roll is clamped. This increases handling speed. Easy on/off operation switch directly from the CTX Max display unit.

This option is available for CTX Max only.

Data Logging and Diagnostics

CTX G3–CHHA software enables handling history analysis. Data is stored in the internal memory of the clamp. Easy data analyzing using an external computer.

CTX G3–CDU diagnostics and service software enables deep analysis and control of all clamp functions and electronic components.

Further CTX options

CTX Max - Force Sync

Accurate clamping force information to the lift truck driver and for the data logging system.

Electronic split arm operation synchronization included.

This option is available for CTX Max only.

CTX - Memory Module

Memory unit for storing handling data. Standard feature on CTX Max.

CTX MaxDual

Independent clamping force control on two sides of dual tower clamps. Recommended with all LA series clamps.

CTX Max - ID Module

Connection module to the lift truck paper roll identification system. Combine the roll id information with the handling data.

Whatever the purpose - we have the right pad

Gentle handling requires perfect contact pad friction. Bolzoni Group provides a complete range of standard and specialized contact pad options (for intelligent clamps).



Rubber-faced pad (smooth black)



Rubber-faced pad (cross-grooved black)



Rubber-faced pad (cross-grooved white)



Steel sprayed pad



Sandpaper faced pad

CERTIFIED ISO 9001 MANUFACTURER

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