

Loader Control System

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Advantages

- Real plug-and-play functionality
- Universal compatibility
(works with all tractors with factory-
installed preparation)
- Individually configurable
- Complete solution from a single source
- Individual driver and tractor profiles
can be manually selected

Areas of application

With the Loader Control System (LCS), each front loader becomes a versatile material handling system. The potential is evident in the product: The LCS turns the tractor into precise and powerful work equipment – ideal for agriculture and material handling.



Overview of functions

The Loader Control System (LCS) combines hydraulics, electronics, and software in one comprehensive system solution. It makes the front loader intelligent and relieves the driver of numerous settings and tasks that were previously done manually.

There are up to twelve different functions that can be enabled or set via a touch control panel. Scan the QR code to see functions visualized through animation.



Automatic regulation and limitation of the hydraulic pressure on attachments (e.g., bale grabber or mixing bucket) to avoid overloading



Proportional reduction of the traveling speed before the mechanical end stop is reached to avoid impacts



Constant lowering speed with a variable load for maximum control



Regardless of the movement of the boom, the tool's orientation relative to the ground remains unchanged



Active damping of vibrations from the front loader without the use of an additional accumulator



Rapid emptying of the bucket thanks to progressively smaller tipping movements to ensure complete emptying of residues



Prioritization of functions in the event of an insufficient hydraulic supply with a simultaneous reduction in working speed



Individually definable limitation of the work area to avoid collisions with buildings or other obstacles



Variable adjustment of the traveling speed across the entire work area



Storage and automated execution of a predefined movement sequence at the touch of a button



Call-up of a stored, adjustable tool position at the touch of a button; a factory default setting is available



Recording and display of the load weight regardless of the current position of the tool or boom

Smart Solutions. Superior Support.

[bucherhydraulics.com](https://www.bucherhydraulics.com)

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