

Release Notes 07.10.XX

This document describes the changes in software version **07.10.XX** compared to the previous version 07.09.04.12.

Valid for:

- SPRAYER-Controller MIDI 3.0



NOTICE

Software update for other components

First update the software for the primary job computer before you update the software for other components.

After updating the primary job computer, install the respective software versions listed in the table.

System requirements

Component	Item number	Minimum software version
SPRAYER-Controller MIDI 3.0 as secondary job computer	3032245601	07.10
TANK-Control II OEM	30532450	01.03.01.00
TANK-Control II OEM	30609410	01.03.01.00
TANK-Control II OEM	30627300	01.03.01.00
DISTANCE-Control II ME	30303165	01.00.10.02
DISTANCE-Control II ME	3030316501	01.00.10.02
External keypad	30303155	7.1J
Individual nozzle switching EDS	3030308530	01.00.05

New functions

Spot spraying	A function for spot spraying has been added. Spot spraying is camera-supported spraying where only the desired target surfaces are treated.
Band spraying	A function for band spraying has been added. With band spraying, the target rate can be converted to the area ratio.
Pressure registration	The screen and operation of the pressure registration were revised.

Lighting	The lighting options were expanded: <ul style="list-style-type: none"> ▪ a reversing light for driving in automatic mode can be used depending on the direction of travel. ▪ There is a new icon for all lighting statuses.
Work screen	Representation of the control valve position and the tank fill level were standardised.
Headland	There are new control options for driving on the headlands.
Self-propelled machines	The view of the folding screen was adapted for self-propelled front boom sprayers.
Delay times	Entry of the delay times for booms 1 and 2 was expanded.
Corner nozzles	Corner nozzles can now be linked to individual nozzle switching.
Sections	When the user opens a section while SECTION-Control had closed all of the sections, this procedure will now be aborted after reaching a set speed. SECTION-Control then adopts the section status from before the timeout expired.
Jump start time	The "Jump start time" parameter has been revised.
Password	The system for entering the password has been expanded.
Spray-iQ	Spray-iQ has been integrated.

TANK-Control III integrated

Liquid density	A correction was integrated for analogous sensors, which is used for pressure-based fill level detection.
Automatic fill stop	A function for automatic fill stop has been integrated.
Two tanks filling management	The filling of two separate tanks with individual fill stops is supported
Fresh water transfer	A function for fresh water transfer has been integrated.

DISTANCE-Control

Sensor for boom height	A sensor can be configured for determining the maximum lower boom height and for determining a low height.
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TRAIL-Control

Hydraulic system	When the sensitivity of the hydraulic alarm is set to 0, there is no monitoring and the “General hydraulic error!” alarm will not be shown. This setting can be made in the standard configuration or by adjusting the configurator.
Angle sensor	A new angle sensor can now be used (item no.: 3030367501). An adjustment to the configuration is necessary for this.

Troubleshooting

“Regulation off Below” parameter	When the parameter is set to 0, this is not taken into account. This also applies for the minimum switch-on and -off speed.
Tank level alarm	A setting can be made so that a tone is emitted as soon as the desired fill level is reached. A horn must be available for this.
