

Release Notes 01.04

This document describes the changes in software version **01.04** compared to the previous version 01.03.

Valid for:

- SPRAYER-Controller MIDI 3.0 Orchard/Vineyard



General

CAN Keypad	The ME CAN keypad (item number: 30303156) can now be used.
TANK-Control III integrated	There is now a choice for each software version between a version with the TANK-Control III integrated and a version without. The additional installation of a second software is not necessary.

Functions

Outer sections	Outer sections can be switched on and off automatically via an analog position sensor and its position.
Telescopic boom	<p>The telescopic boom (left and right) can now be automatically moved to the desired row width via an analog position sensor.</p> <p>The position can be requested again and again via a softkey in the main screen.</p> <p>In addition, the telescopic boom is now available as a choice for automatic folding at the headland. Telescoping is done either by time or by sensor position.</p>
Recycling wall	<p>The recycling wall (left, center and right) can now be equipped with an analog position sensor.</p> <p>The position can be requested again and again via a softkey in the main screen.</p> <p>Additionally the recycling wall is now available as a choice for automatic folding at the headland. Folding is done either by time or by sensor position.</p>

Work position	<p>There is a new softkey to save the current position of the following hydraulic functions as work position if they are equipped with an analog position sensor:</p> <ul style="list-style-type: none"> ▪ Raise/lower boom left, center and right ▪ Fold/unfold wing left and right ▪ Telescope boom left and right ▪ Retract/extend recycling wall left, center and right
Position sensors	<p>It is now possible to decide between 0-5 V, 0-10 V and 4-20 mA for all position sensors (height, wing folding, telescopic boom and recycling wall). In addition, the alarm limits can now be freely set in the configuration when the analog value is exceeded or undershot.</p>
Inner folding	<p>The inner folding can now additionally be used as PWM output.</p>
Side cover	<p>The side cover for fan retraction/extension on the left has been integrated.</p>
Nozzle assistant	<p>The nozzle assistant can now be used to calculate and display characteristic values.</p>
Tank functions	<p>Canister cleaning and Venturi extraction are now available as new tank functions.</p>
Analog angle sensors	<p>Values from analog angle sensors (left and right) can now be queried via CAN.</p>

Certification

AEF certification	<p>The following ISOBUS functionalities have been certified according to the AEF standard:</p> <ul style="list-style-type: none"> ▪ UT 1.0 ▪ TC-BAS 1.0 ▪ TC-SC 1.0 ▪ TC-GEO ▪ ISB ▪ AUX-N
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