

Panorama

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- **Review of AGRITECHNICA 2015**

With **EMM-Check 4** REKNOW was successfully represented at this year's AGRITECHNICA in Hannover. The interested professional visitors from leading manufacturers of agricultural machinery and tractors as well as construction machinery, municipal vehicles etc. took advantage of the exhibition to find out about the latest developments in **EMM-Check 4**.

Main topics were the standard ISO 5721 Part 1 and Part 2, the mirror and camera/monitor simulation as well as the simulation and visualization of illuminated areas of working lights.



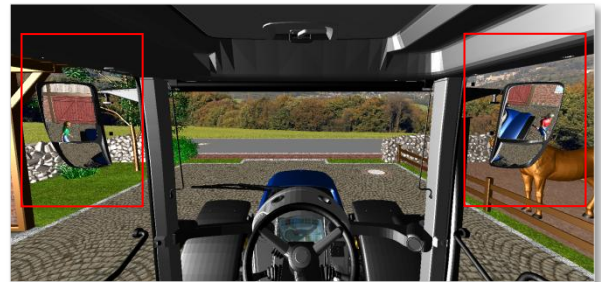
We say "Thank you" to **Mekra Lang GmbH & Co. KG**, Ergersheim, for giving us the chance to participate in this year's AGRITECHNICA!

- **EMM-Check - Release 4.0.9.0 available**

Since the 27th of November **EMM-Check** version 4.0.9.0 is released. Adjustable glasses and glass brackets for mirrors, a new split-screen mode for monitors, additional options for the working light simulation and the creation of 2D panoramic views are the highlights of this version. (see the following articles of this **Panorama**).

- **Multiple mirror glasses**

The real time mirror simulation of **EMM-Check 4** was extended. Mirrors consisting of multiple glasses can now be simulated correctly.



User defined mirrors can also have multiple glasses and glass brackets.

Mirror glasses can also be attached directly to the housing, so the glass brackets are optional.

- **New monitor / split-screen mode**

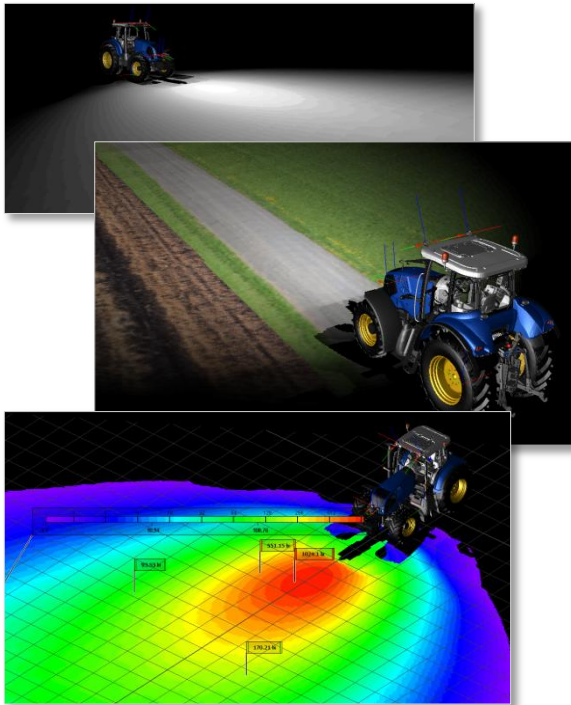
The monitor catalog of **EMM-Check 4** now contains the "Standard Monitor" of Mekra Lang. Up to four cameras can be connected to this monitor and to the already existing generic monitor. Multiple split-screen modes are available in the properties of the each monitor.



- **Extended simulation of illuminated areas**

The visualization of illuminated areas of working lights was extended. In a separate dialog the min/max values of the LUX-scale and it's graduation can be adjusted. Furthermore **EMM-Check 4** provides three different modes for the visualization: ISO-Lux, Grayscale and Transparent.

Lux-values can now be displayed at each position within an illuminated area with a single mouse click.



- **Panorama view**

The preview function "Panorama" now provides the capability to generate 2D-panoramic views. This is a high quality visualization of the driver's surround view.



- **Review 2015 / Preview 2016**

The year 2015 was the most successful year for REKNOW since the company was founded in 2008. Leading international manufacturers of construction machinery and agricultural machinery took the decision to use **EMM-Check 4**. Furthermore **EMM-Check 4** was established in new industries as the standard solution for analyzing the field of view (e.g. agricultural vehicles, fork lifters).

Part of our success were also our customer days in September that had been followed with interest by our customers and the participation in the AGRITECHNICA 2015.

Our plan for 2016 includes the implementation of further standards like the ECE R46 and the 2008/2/EG. We also plan to implement a new VR-goggle for supporting the subjective evaluation of the driver's field of view. Last but not least we want to provide "assembly constraints" or similar features for setting up kinematic relations quickly.

We take the participation in the bauma 2016 and our customer days in September 2016 as a chance to get a more intense contact to our customers.

- **Save the date**

Please note the following dates:

- Bauma 2016
 - 11th till 17th of April 2016, Munich
 - REKNOW at the booth of MEKRA Lang
- EMM-Check Customer Days 2016
 - 14th of September 2016, Hannover
 - 21rd of September 2016, Stuttgart

- **Information / Contact**

You'll find current information about **EMM-Check** on our website: www.reknow.de/emm-check.

You can also give us a call directly:

+49 (0)40 98 76 00 02

Or call our hotline:

0800 735 66 99
(free from the German landline)

You can also contact us by mail. Just send a mail to: info@reknow.de

- **Conclusion**

An eventful year draws to a close. We want to take this opportunity to thank you for the trust and the good cooperation.

We wish you a merry christmas and a healthy and successful new year!



Dirk Janßen
Managing Director

Sebastian Schneider
Managing Director