



INCREASED QUALITY CONTROL

with Ubimax Frontline Solutions xPick and xMake

INITIAL SITUATION

At their plant in Asbach-Bäumenheim, AGCO Fendt is manufacturing the driver's cabs of their different tractor models.

Within the current warehouse system, a lot of time was spent for picking. Scanning and localizing the needed items during the picking process took up precious time.

Because of media breaks and paper based inspection plans the ability to react dynamically on quality issues were limited.

FENDT



Asbach-Bäumenheim,
Germany



Agriculture Machinery
Manufacturer



Roll out to cross
functional production
processes



2017

BUSINESS CHALLENGE

Following lean manufacturing principles, the guideline for the setup was to minimize the scan and search time within the existing logistics processes. Both, speed and accuracy need to be enhanced by reducing the error rate as well as tracing the material's positions, in order to guarantee a seamless line feed.



„Choosing Ubimax was the right decision for further innovating our logistics. Their picking solutions allow us to offer an even more perfect product to our customers by at the same time leaner operations!“ - Franz Josef Fackler, Supply Chain Manager Agco Fendt

A new workflow editor needed to be introduced, in order to enhance the inspection process of the driver's cabs. To meet the requirements for a successful inspection, the quality managers need to be able to activate an end of line quality inspections plan more dynamically.



RFID

picking



Quality

inspection



100%

satisfied workers



Ubimax successfully implemented the hands-free Vision Picking solution xPick and by that improved efficiency and usability of the new warehouse system.

Simultaneously, the Ubimax solution xMake guarantees a high quality end-of-line inspection process. By requesting the workers to confirm different test points and to enter occurring error codes via Glass, the correct assembly of the driver's cabs is assured. Quality managers can, furthermore, apply correction measures based on the provided dynamic live statistics and inspection reports covering error classifications and images of the end of line inspections.

Both Ubimax solutions use Glass (with intuitive graphical and color scheme User Interface). For the Vision Picking the smart glasses are used in combination with the Ubimax xBand. Our multi-sensor RFID wristband confirms the picking steps and, consequently, eliminates time-consuming scanning process completely.



CONVINCING BENEFITS

The combination of smart glasses with RFID wristbands improved the efficiency and usability of the new system by adding color schemes as well as graphical displays of shelf structures through the wearables. The overall objective to secure the processes by an improved efficiency was met.

Providing the quality managers an integrated tool to secure the end of line cabine inspection process has enabled a faster and more flexible line fit assembly process.

