



Real-time yield monitoring
and mapping

Harvest

Everything you're looking for in a yield monitor

Topcon YieldTrakk™ brings an industry and field-proven optical-based yield monitoring solution to its market-leading steering, positioning, and machine control product offering. YieldTrakk provides leading yield/moisture monitoring, mapping and logging to provide growers with high-quality yield data for powerful agronomic insights. Coupled with the Topcon Smart Cart solution, harvest data has never been more accurate.

Integrated with the Topcon Horizon operating system on X25, X35, XD and XD+ consoles, YieldTrakk displays yield and moisture levels in separate sets of data

- providing the operator with a more complete understanding of field and crop conditions to enable better agronomic decisions.

The system monitors the height of grain on each elevator paddle as it passes by the optical sensor. Using predefined calibration, YieldTrakk converts this to volume of crop, and from volume, calculates weight of crop harvested. A second sensor in the bubble up auger measures the crop's moisture level and incorporates that into the real-time readout on the X Console display, as well as the data used for mapping.

High-accuracy yield/moisture data

Real-time monitoring, mapping and logging

Easy to install, setup and use, reducing stress

Provides key, foundational data for the connected future





Solution Overview



Touchscreen Console
Topcon X25 and X35



Controller
YM-1 controller for proven reliability



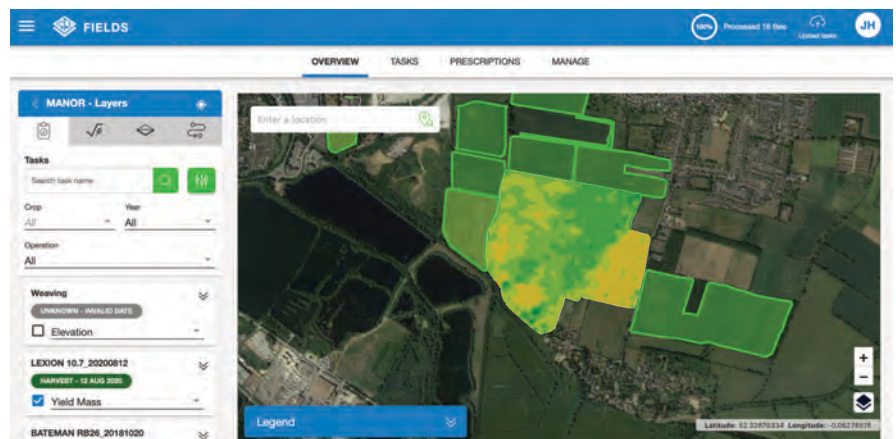
Optical Sensor
Optical sensor for accuracy and reliability



Moisture Sensor
Moisture sensor for increased accuracy

Key Solution Features

- Automatic header width control, significantly increasing the accuracy of yield data by controlling and tracking the width and area cut (up to 16 sections)
- Non-contact optical sensor system including moisture sensor for increased accuracy and reliability
- Exclusive real-time mapping layers
- Live data transfer with TAP



Harvest



Universal Yield Monitoring

Available in retrofitted and integrated solutions, YieldTrakk can be fitted on nearly every combine make and model currently on the market.

Integrated solution – utilizing existing factory components

- AGCO C2100 (swapout kit)
- AGCO C2000/GTAConsole II (swapout kit)
- CLAAS Quantimeter

Retrofitted solution – complete YM-1 kit required

- Case IH
- New Holland
- John Deere
- Laverda
- DEUTZ – FAHR
- CLAAS – with no factory yield monitor
- AGCO – requires complete sensor swapout

Yield data is the foundation for digital farm management

While many other yield monitor systems still utilize proprietary data formats for their data export, YieldTrakk offers many options for data export and analysis, including automatic upload to TAP using a Cloudlynk cloud connectivity device. YieldTrakk utilizes industry standard ISOXML and shape file format for data export, making it accessible in nearly any platform. Yield data sets the foundation for digital farm management and when combined with other Topcon solutions, begins to provide clarity and relevant insights for the data-driven future.

Complementary Solutions



Data Services

Digital farm management and telematics



Guidance

Manual and auto-steering solutions



Connected Grain Cart

Smart Cart solution for leading harvest report accuracy



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www.topconagriculture.com



Call - 01480 496 367
Email - sales@lh-agro.co.uk