TOPCON

YIELDTRAKK

HARVEST YIELD MONITORING

Everything You're Looking For In A Yield Monitor

- High-accuracy yield/moisture data
- Easy installation
- Quick, simple calibration

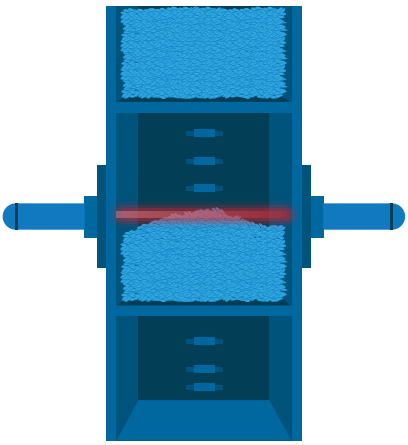
State-of-the-art, real-time yield/moisture monitoring and mapping

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 offers a new level of high-accuracy yield/moisture monitoring and mapping that provides growers with optimal yield and crop quality data to help maximize productivity.

YieldTrakk provides real-time monitoring and mapping of yield, moisture and cut rate, as well as the total weight of crop harvested. Integrated with the Topcon Horizon operating system on the X30 touchscreen console, it 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.

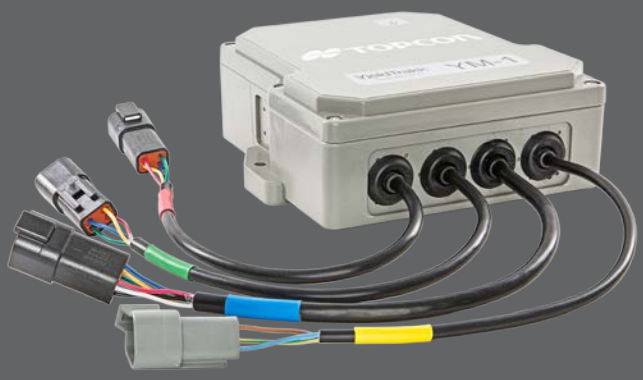
Automatic header width control

A key feature of Topcon YieldTrakk, automatic header width control significantly increases the accuracy of yield data by controlling and tracking the width and area cut. This helps avoid inaccurate yield calculations when traveling over odd-shaped fields and previous or partially harvested areas. Topcon YieldTrakk automatic header width control ensures accurate yield data that currently supports up to 16 sections.



Non-contact optical sensor system

The system monitors the height of grain on each elevator paddle as it passes by the optical sensor. Using pre-defined 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 X30 display as well as the data used for mapping. Terrain compensation, integrated into the YieldTrakk YM-1, provides more accurate yield data and mapping for better decision making.



YieldTrakk YM-1

X30 Console

Optical Sensor

Moisture Sensor

Universal yield monitoring

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

Integrated solution – utilizing existing factory components

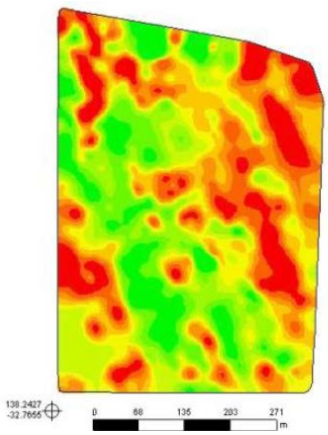
- AGCO C2100 (swapout kit)
- AGCO C2000/GTA Console II (swapout kit)
- CLAAS Quantimeter

Retrofited 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

Exclusive real time mapping layers

The Topcon Horizon software shows yield and moisture data as a field map in real time or “live” on the X30 touchscreen console aiding on-the-spot decision making.



YieldTrakk data in industry standard format for easy export

While many other yield monitor systems still utilize proprietary data formats for their data export, YieldTrakk offers many options for data export and analysis. YieldTrakk utilizes industry standard ISOXML and shape file format for data export. Topcon SGISfarm and SGISpro software can manage YieldTrakk data or any other data management solution running ISOXML and shape files.

Ranging from simple to advanced, SGIS data management software is designed for farm owners and operators as well as professional agronomists. SGIS software manages all types of data critical to a successful precision farming operation.

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For more information:
topconpositioning.com/yieldtrakk

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