



LIVERMORE, CA – Monday 10, August 2009

Topcon introduces AES-25 for Ag Market

New technology gives accuracy to 2cm

Topcon Precision Agriculture (TPA) has released a new electric steering product, the AES-25.

Rhett Schildroth, TPA engineering director, said, "The AES-25 is an accurate steering system that does not intrude into the operator's working area or alter the steering wheel position. There are no external components that could interfere with normal day-to-day operation within the cab."

The AES-25 is fully compatible with Topcon's new System 150 or the field-proven System 200 (X20 console). The patented new system provides "supreme performance and control previously thought possible only with hydraulic systems," Schildroth said. "The AES-25 is much more than assisted steering, it's an advanced solution for all platforms from basic steering to those striving for high-accuracy results."



Combined with System 150 or System 200 (X20), the AES-25 provides solutions from basic autonomous through real-time kinetic (RTK). Schildroth said, "This allows the farmer to start with the accuracy needed for particular jobs, then step up to RTK with confidence they will achieve full 2cm accuracy. With Topcon's multiple satellite capabilities, inertial sensors, and full terrain compensation, the AES-25 offers unparalleled positioning and control."

System 200 (X20) features GPS+ capability, using signals from both GPS and GLONASS satellites. System 150 with G3 technology receives signals from all available satellites. More satellites means higher accuracy, maximum uptime, and 24/7 round-the-clock operation.

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Schildroth said, "Not only does the AES-25 give precise steering control, but provides a viable alternative to hydraulic steering systems. For the farmer who wants a simple console but precise steering performance, System 150 with the AES-25 provides row crop steering without hydraulics. With a quiet, high-torque motor, the AES-25 provides silent operation and reverse steering, an exclusive feature within electric steering systems."

The AES-25 provides:

- Quick, simple installation;
- Easy transfer from machine to machine; and
- Automated tuning.

For existing owners of X20 consoles with any GPS make or model, the AES-25 provides high accuracy auto guidance. Using the ProSteer ECU and cabin harness, an optional wheel angle sensor can be added for greater stability in challenging conditions (another Topcon exclusive). The entire system can be truly customized for any farm operation.

“Topcon continues to push the boundaries of technology, and is continuing to produce high-accuracy equipment to assist the bottom line for the farmer,” said David Frick, TPA Australian national sales manager. “I can guarantee you we stand behind our products, which ultimately means we stand behind the farmer. This rugged product gives you options and accuracy, and that means value.”

Topcon Precision Agriculture, is a business unit of Topcon Positioning Systems, Inc. (TPS). TPS designs and manufactures precise positioning products and solutions for the global surveying, construction, agriculture, civil engineering, mapping and GIS, asset management and mobile control markets. TPS' parent company, Topcon Corporation (Tokyo Stock Exchange – 7732), was founded in 1932.

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