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CASE IH & STEYR - Europe

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Press release

Case IH innovations for Precision Farming

Better on track – New correction signals and services for the Case IH Advanced Farming System

Case IH now offers RangePoint™ RTX™ and CenterPoint RTX™ correction services in Europe / Cost-effective entry level guidance systems now available / Case IH xFill™ is a new service that bridges RTK signal downtime for up to 20 minutes

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Case IH now offers interesting innovations in Advanced Farming Systems for all Case IH tractors and harvesting machines. These include new correction data and a new service that extends conventional RTK positioning data for several minutes if the RTK correction data stream should become temporarily unavailable. This system greatly improves the functional reliability and performance of auto guidance systems.

Case IH RangePoint RTX – ideal for new users and all applications

RangePoint RTX is a new and highly reliable correction system available right now for Case IH tractors and combines with a maximum pass-on-pass deviation of just 15 centimetres and a repeat accuracy of 50 centimetres.

As a result, this correction signal is ideal at cost-effective entry level for assisted steering and automatic guidance systems and applications using different working widths.

The RangePoint RTX signal is GNS-compatible so that GPS and Glonass satellite signals can be used with Case IH AFS372 receivers and FM750 or FM1000 monitor screens.

A key advantage in the field is that full accuracy can be achieved in less than five minutes.

In addition, RangePoint RTX correction data is available via satellite throughout Europe.

If the correction signal is not available - due to shadowing for example - AFS systems with RangePoint RTX continue to operate automatically for up to two minutes. This ensures that continuous operation is possible in the field.

Special hardware - such as modems or new receivers - is not required.

Moreover, Case IH offers RangePoint RTX free-of-charge in the first year. Entry-level Precision Farming is now a great deal more attractive for farmers in Europe - especially thanks to a guidance precision of 15 centimetres.

**Case IH CenterPoint RTX –
guidance accuracy and repeatability of four centimetres possible
without reference station**

CenterPoint RTX is the 'big brother' of RangePoint RTX. Based on the same technology – known as absolute positioning – CenterPoint RTX increases positioning accuracy to below four centimetres.

This service is also compatible with the new AFS372 receiver as well as FM750 and FM1000 monitors. CenterPoint RTX can also use GPS as well as Glonass satellite signals. With an active CenterPoint RTX subscription, farmers also receive free-of-charge access to Glonass satellite signals. The additional Glonass signals improve reception quality even further for even more precise positioning. A base station

is not needed when using CenterPoint RTX. Owners of compatible AFS monitors can easily make use of the new signal by updating their equipment firmware and requesting an activation code from their Case IH dealer.

Case IH xFill makes RTK technology even more reliable

Case IH xFill is a new service for all Case IH Advanced Farming System (AFS) users, which makes RTK positioning data available for several minutes, even if the RTK correction signal is lost due to shadowing or mobile communications issues.

Using new xFill technology, RTK standard signals are supported during downtime if the GSM correction data network is overloaded or the receiver is shadowed from RTK signals.

The new xFill function becomes available as soon as the RTK signal is lost. Because there are no delays, work can continue uninterrupted. In the field, it is thus possible to bridge any failures in mobile communications and internet networks, which are the main causes for losing RTK correction data.

For xFill to become active, it is not necessary to have received RTK signals for a specific period beforehand. xFill is ready for action immediately after the first start signal and can bridge RTK signal loss up to 20 minutes from the first second of signal failure.

Work can continue uninterrupted thanks to the seamless availability of positioning data. The AFS equipment is supplied with data of suitable accuracy by xFill for up to 20 minutes. As a result, sporadic reception of RTK signals will no longer have an influence on the work in progress in the field. This means less downtime and considerably more productivity.

A software update of AFS monitors and receivers is required to make use of Case IH xFill.

Press releases and photos are available online at

<http://mediacentre.caseiheurope.com/>.



CASE IH is a CNH brand

CASE IH is the professionals' choice, drawing on more than 160 years of heritage and experience in the agricultural industry. A powerful range of tractors, combines and balers supported by a global network of highly professional dealers dedicated to providing our customers with the superior support and performance solutions to be productive and effective in the 21st century.

More information about products and professional services offered by Case IH can be found online at www.caseih.com.

Case IH is a division of CNH Global N.V., whose stock is listed at the New York Stock Exchange (NYSE:CNH), which is a majority-owned subsidiary of Fiat Industrial S.p.A. (FI.MI). More information about CNH can be found online at www.cnh.com.

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