



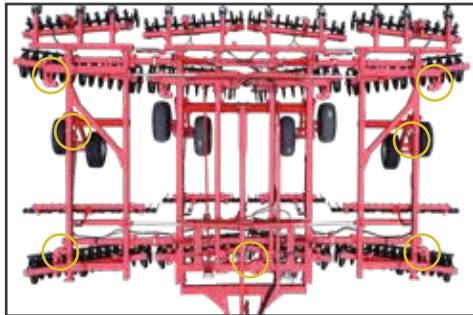
## Electronics SMART SOIL TECHNOLOGY™

### PRODUCT INFORMATION



Introducing new Smart Soil Technology™ for the Excelerator XT 8010. Available as an option on all folding models (20', 25', 30', 34' & 40'), this ISOBUS control system provides a completely new way for operators to control their machines from the tractor cab. The Smart Soil Technology interface provides adjustment of machine depth, front and rear gang angle, wing down pressure, Star Wheel™ pressure and front / rear leveling from any compatible ISOBUS display. Although adjustments are made from the display, lifting and lowering the machine for end row turns is still carried out using the tractor SCV for maximum operator comfort. Redundant sensors are fitted to gang angle and depth circuits for backup in case of failure, and a machine equipped with Smart Soil Technology can always be converted back to manual mode, so an electronics failure will not result in a machine down situation. ISOBUS equipment certified by the AEF is included in the online database. The customer can verify compatibility of ISOBUS functions between the machine and the terminal to be used. A true plug and play solution despite tractor brand and with no additional compatibility hardware required.

# SMART SOIL TECHNOLOGY™ EXCELERATOR® XT 8010



## Control from the Cab

All functions are easily controlled electronically from the ISOBUS display allowing the operator to fine tune the Excelerator to match field conditions and working speed, and view exact settings on the display. Front and rear gang angles can be adjusted simultaneously or independently for precise adjustment to suit field conditions and maintaining the same capabilities as Excelerator not equipped with Smart Soil Technology.

## Customizable Presets

Operators can store favorite settings for all functions using 8 customizable presets and then quickly switch between them during operation. A preset only mode can be used where the customer wishes to limit the operator's ability to adjust the machine between predetermined settings.

## AEF Certified

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## Technical specifications

	Smart Soil Technology™ for Use with Excelerator® XT* 8010-20 / 8010-25 / 8010-30 / 8010-34 / 8010-40
Functions Controlled	Depth, Gang Angle, Wing Pressure, Star Wheel™ Pressure, Front/Rear Leveling
Tractor SCV Requirements	Excelerators with Smart Soil Technology Require 3 SCV + 1 Free Flow Return to Tractor (i.e. Motor Return).
Tractor Hydraulic Flow Requirements	4 GPM
ISOBUS Requirements	Requires ISOBUS Display for Operation. Smart Soil Technology is AEF Certified, Use AEF Database to Check Compatibility.
Speed Signal	Smart Soil Technology Requires a Speed Signal for Operation. Speed Signal Will be Taken from Tractor Speed Source on ISOBUS Tractors. For Non-ISOBUS Tractors, See Optional Equipment Below.
<b>Optional Equipment</b>	
CCI 800 & CCI 1200 Terminals	KUHN ISOBUS Displays Available for Customers Who Do Not Already Have a Compatible Display or Who Wish to Install a Second Terminal in the Tractor Cab.
ITH Harness	ISOBUS Tractor Harness Available as Option for Machines Equipped with Smart Soil Technology. Only Required for Use with Non-ISOBUS Tractors.
GPS Speed Sensor	GPS Speed Sensor Available as Option When ITH Harness is Selected. Only Required for Non-ISOBUS Tractors Where No Other ISOBUS Compatible Speed Source is Available.
Third Party GPS Harness	GPS Speed Sensor Available as Option When ITH Harness is Selected. Only Required for Non-ISOBUS Tractors Where a Third Party GPS Unit Needs to be Connected to the KUHN ITH Harness. Note: Additional Cables May Be Required from the GPS Manufacturer.

\*Excelerator XT models with serial number B and after. SST does not retrofit to Excelerator XT models with serial number A.

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Information given in this document is only for informational purposes and is non-contractual. Our machines are in compliance with North American safety standards. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be operated in accordance with the requirements indicated in the operator's manuals and assembly manuals. We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

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