

The background of the entire page is a dark red, almost black, field filled with a complex, interconnected network of thin red lines. These lines connect small, glowing red circular nodes, creating a web-like or molecular structure that suggests technology, connectivity, and innovation. The pattern is dense and covers the entire area.

TECHNOLOGY

PRODUCT GUIDE

2025

CASE II

TABLE OF CONTENTS

Chapter 1 Display Solutions	7
Chapter 2 Guidance Solutions	17
Chapter 3 Connected Experience	36
Chapter 4 Control Solutions	47
Chapter 5 Machine Automation	74
Chapter 6 Additional Information	80

Below is a list of specific platforms that will be used throughout the Technology Product Guide. Each icon represents what platform is compatible with individual products offered through Case IH. The icons clearly indicate whether the product is factory fit (FF) or an aftermarket (AM) solution and if it is ISOBUS compatible. Also, it will indicate if connectivity is available through Case IH FieldOps. Please contact your Regional Precision Manager for all compatibility solutions



Fixed Frame Tractors: Magnum™, Optum® and Puma® series tractors



Utility Tractors: Farmall®, Vestrum® and Maxxum series tractors



4WD Tractors: Steiger® series tractors



Combines: Axial-Flow® series combines



Sprayers: Patriot® series sprayers and Trident™ with liquid application



Spreaders: Trident with drybox application and Titan™ Floaters



Cane Harvesters: Austoft cane harvester



Tillage



Planters



Air Drills and Air Carts



Large Square Balers



Round Balers



Windrowers



Factory Fit: Products available and installed at the factory on the machine



Aftermarket: Products available and sold through CNH Parts & Service



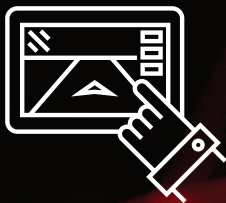
ISOBUS: Equipment meets ISOBUS compliant standards



Case IH FieldOps: Technology that can be visualized in Case IH FieldOps

CHAPTER 1

DISPLAY SOLUTIONS



A machine's in-cab display is designed to simplify field operations, seamlessly integrating precision technology and machine settings while delivering real-time insights. Choosing the right display helps both operators and owners maximize productivity in the field.



COLOR DISPLAY Pro 1200

The high-resolution Pro 1200 is as easy to use as your smartphone. Each operator can configure and save submenu and shortcut options to suit their needs.

Key Product Features

- Maximizes control and automation in the cab.
- Remote Display Viewing – with customer permission.
 - Remotely view the display in real time
 - Remotely diagnose issues to limit downtime
- Large, colorful 12-inch screen for rich visualization and intuitive response.
- The Pro 1200 display is the primary display on Steiger, Magnum, LWB Puma and Optum series tractors, 260 series combines and AF series combines. It is also available on Patriot 50 series sprayers.
- On Magnums, Steigers, and Patriot 50 series sprayers, utilizing dual Pro 1200 displays is an option. Dual Pro 1200 displays are standard on 260 series and AF series combines.
- Supports up to 4 camera inputs for monitoring field tasks.
- The Pro 1200 display is the only supported display for all MY 2026 2000 series Early Riser planters.

References



PI

AFS-8149-21



Website

PRO 1200 Additional Features

What is ISOBus?

ISOBus is an international standard that ensures compatibility and connectivity between displays, tractors, and implements — regardless of brand. ISOBus allows for greater flexibility in automating your farming operations. ISOBus automation capabilities can be broken down into three classes.

Classes of ISOBus

Class I: Implement provides feedback via in-cab display.

Class II: Basic one-way communication where the tractor or display controls the implement. Using the example of a tractor and baler, the tractor communicates with the baler through the ISOBus system. The information from sensors on the baler travels to the monitor in the tractor cab, where the operator can view data such as size, shape, and density of the bales. The operator can adjust settings on the monitor, which sends commands to the baler to make changes in production.

Class III: Bidirectional communication between the tractor and implement, allows for more advanced features like implement automation and control over certain tractor functions. For example, with Case IH Large square balers implementing Feedrate Control, the baler can now adjust the tractor's ground speed directly. This allows for the implement to be able to dynamically respond to changing conditions in the field. Class III ISOBus is needed for third-party guidance systems to be utilized on Case IH machines.

PRO 1200 Additional Features

ISOBus Advantages

Simplification: Your Pro 700, Pro 700 Plus and Pro 1200 displays interact with multiple implements and machines, regardless of manufacturer.

User-friendly: ISOBus standardizes control settings, reduces downtime, and minimizes installation and interface issues.

Easy connections: The standardized, nine-pin plug makes it easy to connect different components.

Automation: Implements can control the tractor for increased efficiency and reduced operator fatigue.

Less cab clutter: A single display manages multiple implements and tasks, creating improved visibility for the operator.

Increased efficiency: Easy data exchange from the display, produces flawless precision farming documentation.

Part Numbers

Class III Base - 57636543

Class III Speed Control - 47645762

Class III Third Party Steering Control - 47645764



ISO BUS



COLOR DISPLAY Pro 700

The Pro 700 display can be used with Case IH tractors, combines, sprayers, balers, planters, seeders, combination applicators and tillage tools to control and monitor key functions and track important information.

Key Product Features

- Record important data and maps to use for future management decisions.
- Operates six customizable run screens that allow producers to configure what they want to monitor and/or control.
- Monitor any ISOBUS-compliant Case IH or competitive implement data/functions.

References



Website



PI
AFS-8125-18

Display
Solutions

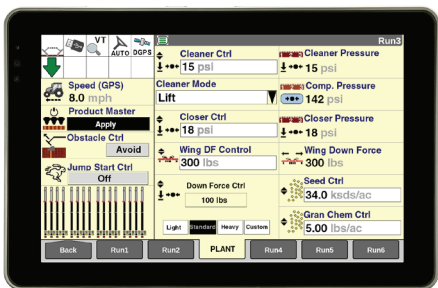
Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



COLOR DISPLAY Pro 700 Plus

The Pro 700 Plus provides customers with a similar user interface as the Pro 700, optimized for a larger, higher resolution display.

Key Product Features

- The Pro 700 Plus adopts the same hardware (12 inch display) as the Pro 1200 with functionality like the Pro 700.
- The Pro 700 Plus is currently available as a factory fit solution on the Maxxum, Vestrum and SWB Puma.
- The Pro 700 Plus supports both factory fit and aftermarket installation of telematics, PCM and PCMF.
- Pro 700 Plus supports dual display functionality.
- Monitor ISOBUS-compliant Case IH or competitive implements.
- Supports MY2025 and prior 2000 Series Early Riser planters and MY2008 and newer 1200 Series Early Riser Planters

Reference



PI
AFS-8153-22



RAVEN APPLICATOR DISPLAY Viper® 4+

This 12.1" touchscreen makes pre-planning and application easy and intuitive for the operator.

Key Product Features

- Works with all brands of equipment.
- Landscape and portrait orientation.
- Saves time and reduces errors.
- Intuitive and rugged. Dust-proof for tough environments.
- Wireless over-the-air software updates.
- Customizable user and machine interfaces.
- 4 camera inputs for monitoring bin levels, blind spots, roadway operation, and more.
- On-screen implement location with section status.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



ISO BUS



RAVEN FIELD PLANNING DISPLAY CR12®+

The CR12+ is a 12.1" color display that specializes in accurate and complex path planning.

Key Product Features

- Updated user interface features easy set-up, fewer touches, and exclusive field planning features to help you be more efficient before and during each job.
- Moves easily from machine to machine.
- Records and stores data each day, displaying what was planted and where.
- Controls up to 105 virtual sections.
- Boundary and guidance line options.
- Recommended for up to 5-product control.
- Slingshot® file transfer, remote support, and over-the-air software updates.
- Straight A-B, A+, Pivot, Contour, and Last Pass guidance.
- ISOBUS Universal Terminal and Task Controller capabilities.

Reference



Website



RAVEN LIGHTWEIGHT DISPLAY CR7®+

CR7®+ is a 7-inch lightweight field computer with customizable in-job layouts.

Key Product Features

- Updated user interface features easy set-up, fewer touches, and exclusive field planning features to help you be more efficient before and during each job.
- Auto field boundaries keep you organized automatically.
- ISO Universal Terminal and Task Controller functionality available.
- Interactive field/job list and map view.
- Straight A-B, A plus heading, pivot, contour, and last pass guidance.
- Multiple language support and customizable units.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

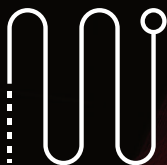
Control
Solutions

Machine
Automation

Additional
Information

CHAPTER 2

GUIDANCE SOLUTIONS



A successful year hinges on reliable, repeatable guidance and sub-inch accuracy, keeping machines on track throughout the season. Case IH guidance solutions help reduce skips and overlaps, saving time, fuel, and labor costs, and optimizing inputs, all while simplifying operations and reducing operator stress.



HYDRAULIC STEERING AccuGuide™

AccuGuide is a fully integrated autoguidance system that allows you to achieve sub-inch level accuracy and maintain accurate row positioning across different types of terrain and field conditions.

Key Product Features

- Repeatable Pass-to-Pass and Year-to-Year.
- Accuracy levels close to 1 inch (2.5cm)
- WAAS, AFS 1, AFS 3, AFS RTK+, RTK all offer AccuGuide Correction Offerings.
- Available with factory-installed AccuGuide:
 - Steiger, Magnum, Optum, Maxxum, Vestrum and Puma series tractors
 - Axial-Flow combines, including 160, 260 and AF series
 - Patriot series sprayers
 - WD5 series windrowers
 - Austoft 9000 series cane harvesters

Reference



PI
AFS-8149-21



GPS RECEIVER

Vector Pro Receiver

Vector Pro provides reliable and consistent terrain-compensated position, helps acquire guidance lines quickly, and utilizes various correction levels depending on your operation needs.

Key Product Features

- Auto Smoothing improves pass-to-pass accuracy and reduces overlaps and skips.
- Auto Line Hold improves guidance transitions between different correction source levels.
- Integrated Guidance Controller helps the receiver adjust to the pitch, yaw, and roll of the terrain.
- RTK Fill automatically falls back to AFS 2 (<2 inch) accuracy to maintain a high level of guidance.
- Available on Steiger, Magnum and Optum series tractors, LWB Puma, 260 series combine, AF series combine and the Patriot® 50 series sprayer.

Reference



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Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



ISO 3154



ACTIVE IMPLEMENT GUIDANCE

Active Implement Guidance is a single display system that gives customers more accurate repeatable seed and nutrient placement. Our system significantly reduces implement drift, reducing crop damage, operator stress and ultimately increasing yield potential.

Case IH Active Implement Guidance works with a wide variety of implements and applications. You can take advantage of implement guidance on Case IH or third-party equipment with rear wheel steer and ProTrakker hitch model compatibility.

Active Implement Guidance is plug and play with the following implements that have streamlined guidance profiles:

Key Product Features

- Case IH Early Riser planters (2140, 2150 and 2150S)
- Spudnik potato planter 8040, 8060 and 8080
- Spudnik potato windrower – 6142, 6160 and 6180
- Spudnik potato harvester – 6740
- Unferverth Raptor Strip Tillage: 2030

Other implements using a generic profile may require additional tuning to achieve desired performance.

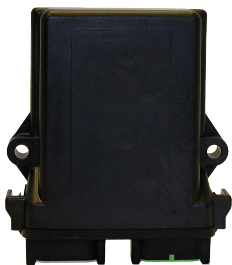
Reference



Website



ISO BUS



STEERING CONTROLLER

Raven SC1™

SC1™ is designed to provide machine steering when paired with a Raven field computer and GPS receiver.

Key Product Features

- Installs in cab with direct interface for ISOBUS valve.
- Enhanced steering performance with incredible accuracy up to 29 mph (46.7 km/h).
- Machine-specific tune sets.
- Utilizes external GPS/GNSS with Raven 700S™, 500S™ or third-party GPS.
- Compatible with Viper 4+, CR12, and CR7.
- Ability to upgrade to Slingshot with additional hardware or GPS/GNSS solution.
- Compatible with ISOBUS 11783 Curvature Messages for both ISO Steer-Ready and Raven aftermarket steering controllers.
- Ability to configure third-party radio on field computer; tested and supported solutions include 450/900 MHz AG715 radios. Additional radio configurations may be compatible but require additional validation.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



RTK BASE STATION

RTK Base Station Pro

Base Station Pro is an antenna, receiver and radio that link to provide RTK correction signals. The base station will generate RTK Corrections that can be utilized by the Vector Pro receiver or other compatible receivers that can accept industry standard correction formats, such as NovAtelIX, RTCM3.x, or open format (non-encrypted) CMR/CMR+.

Key Product Features

- Repeatable year to year.
- Accuracies as tight as 1 inch (2.5 cm).
- Encryption is selectable.
- 430 to 470 MHz and 900 MHz.
- Corrections can be delivered via RTK radio, or via NTRIP.

Reference



Ordering Guide

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



AFS RTK+

CELLULAR RTK Case IH AFS RTK+

Case IH AFS RTK+ is a cellular-based correction signal to the auto guidance system. The correction is sent to your vehicle instantly via the cellular networks, which provides sub-inch accuracy.

Key Product Features

- Accuracies as tight as 1 inch (2.5cm).
- No line-of-sight requirements.
- Repeatable year-to-year.

Reference



Ordering Guide

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



AUTO GUIDANCE Raven RS1™

Raven RS1 is a high-powered GPS solution that combines autosteer, GPS, and connectivity into one unit.

Key Product Features

- Geared for a wide range of terrain with enhanced steering performance and 3D rugged-terrain compensation.
- Allows faster coverage with better accuracy.
- Easy to transfer from machine to machine.
- Pre-set profiles automatically transfer between machines.
- Compatible with both ISO Steer Ready and Raven Aftermarket Steering Controllers.

References



Website



PI
AP-10129-19

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Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



GPS RECEIVER

Raven 500S™

The 500S features a simple setup and quick convergence time, tracking GPS, GLONASS, Galileo, and BeiDou for improved strength in any environment.

Key Product Features

- Quick convergence time.
- Sub-meter pass-to-pass accuracy.
- Seamless integration.
- Supports GS-Lite and GS.
- Compact, low-profile design.
- Fixed or magnetic mounting options.
- Durable enclosure.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



GPS RECEIVER

Raven 700S

The 700S is a fully scalable GNSS smart antenna that comes standard with GLONASS and Autonomous dual-frequency GLIDE™ technology. It can be upgraded to GS Pro or RTK sub-inch accuracy.

Key Product Features

- High performance dual-frequency receiver.
- Sub-meter pass-to-pass accuracy.
- Seamless integration.
- Magnetic mount.
- RTK-L and RTK Pro capable.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



TURN AUTOMATION

AccuTurn & AccuTurn Pro

AccuTurn and AccuTurn Pro work with AccuGuide to provide hands-free steering for automatic, repeatable end-of-row turns, maximizing a vehicle's turning accuracy and overall efficiency.

Key Product Features

- AccuTurn automated headland-turning technology removes the guesswork of turning on headlands. This technology gives you hands-free, automatic and repeatable turns for increased productivity and reduced operator fatigue.
- AccuTurn Pro features a direct integration with the tractor's Headland Management Control 2 (HMC 2) automated end-of-row turning system. When using the GPS trigger function the operator can program the system to automatically turn the tractor at the end of a swath, and perform a headland management sequence all at once.
- The unlock for the Pro 1200 display is done through the Vehicle Management System (VMS) and for the Pro 700 display it is done through the precision farming store.

References



QRC
AFS-8160-23



Website



QRC
CIH03211701

Display
Solutions

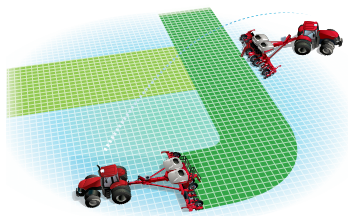
Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



EQUIPMENT COORDINATION AccuSync®

AccuSync allows you to easily share real-time data between multiple pieces of the same equipment, in the same field, for a fully connected operation and increased productivity.

Key Product Features

- Over the air sharing of boundaries and lines.
- Near real time sharing of coverage maps, minimizing skips and overlaps.
- Up to six vehicles in the same job can share data.
- Enable section control based on operation coverage at the field level.
- Gather more accurate data on tillage, planting, seeding, nutrient application, spraying and harvest.
- Customers using legacy machines can still utilize the AccuSync functionality by installing a PCMF onto their machine(s).
- AccuSync can be purchased through the Vehicle Management System (VMS) for a one-time fee, eliminating subscriptions and renewals.

References



PI
AFS-8144-21



QRC
Pro 1200



Website



QRC
Pro 700

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information

VISION GUIDANCE Raven VSN®

Non-contact camera-based unit that provides machine guidance through emerged to full canopy crops.

Key Product Features

- Allows the operator to cover more acres due to increased speed, more efficient field planning, and ease of use.
- Quick, one-time calibration with up to five saved profiles for easy crop transitions.
- VSN feeds highly precise, instantaneous crop row information to the auto steering component.
- Operators experience a significantly less stressful day compared to steering manually, allowing them to increase the average length of their workday.
- Use controlled traffic patterns to actual planted rows minimizing crop damage for reduced respraying and weed infestation.

References



YouTube



Website



PI
AP-10137-21



AUTO SPRAYER BOOM FOLD AutoFold Plus

AutoFold Plus is a single button function that allows the operation to fold and unfold the sprayer boom automatically to save time and eliminate the possibility of boom damage.

Key Product Features

- Get moving faster with an automated fold/unfold feature — push and hold the service brake, then push and release the AutoFold switch on the MultiControl Armrest.
- Reduces operator error and equipment downtime.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information

CASE IH PRO 1200 GUIDANCE KIT

The Pro 1200 Guidance Kit is a retrofit of the Pro 1200 display architecture into legacy Case IH and competitive machines.

Key Product Features

- The Case IH Pro 1200 Guidance Kit offers autoguidance, precision farming, and connectivity functionality.
- Remote Display Viewing and Firmware Over-the-Air will be supported.
- 5 Year Advanced subscription comes standard with the Pro 1200 Guidance Kit.
- A common Case IH user experience with the Pro 1200 display, even in legacy Case IH and competitive machines.
- Hydraulic Pro 1200 Guidance kits will initially support MY18 and Newer Vestrum (100-130), Maxxum (115-150), Puma (150-240), and Optum (250-300).
- Additional machine types and electric steering kits will be launched throughout the year.

Reference



PI
HF-5172-20



CASE IH PRO 700 PLUS GUIDANCE KIT

The Case IH Pro 700 Plus Guidance kit combines the Pro 700 Plus display with the Case IH RS1 receiver for autoguidance ready legacy machines.

Key Product Features

- Improved Visibility and Readability in sunlight with 35% larger screen than Pro 700
- Quicker boot time and faster processing during multiple tasks
- Direct replacement for Pro 700 displays paired Trimble 372/392 receivers and NAV II or III controllers.

Reference



PI
AFS-8236-24

Display
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Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



RAVEN CRX+ GUIDANCE KIT

The Raven CRx+ Guidance Kit caters to customers seeking a high performing automated steering system and those who want a common steering experience on multi-branded equipment.

Key Product Features

- The Raven CRx+ Guidance Kit includes the option of a CR7+ or CR12+ display, 500S or RS1 receiver, and the option of electric or hydraulic steering.
- Precise accuracy, simple installation, and intuitive operation.
- Powerful DirecSteer™ electric or hydraulic steering options.
- Maximizes productivity and efficiency in operations using Raven displays and receivers.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



INTELLIGENT SYSTEM FOR SUGARCANE HARVESTER

Smart Cruise

Smart Cruise is a variable hydraulic flow combined with automatic controls that adjust harvesting functions based on operating conditions to prevent choking or clogging.

Key Product Features

- Optimizes fuel consumption.
- Prevents choking and clogging conditions during harvesting using basecutter and chopper pressure to estimate the harvest load.
- When a choke risk event is identified, adjusts basecutter, chopper and back rollers to higher values to reduce the pressure on the feeding system.
- If the feeding system pressure is not reduced, the system slowly reduces the ground speed.
- At the end of the event, the machine returns to the values to reference ground speed.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information

CHAPTER 3

CONNECTED EXPERIENCE



Today's customers use connectivity across devices, machines and operators to manage their fleet, anytime, anywhere. With the Case IH connected experience, farmers stay connected to every machine's performance, trusted advisors for decision making, and technicians who keep everything running smoothly. Real-time communication between machines and the office keeps tasks aligned, ensuring everyone stays informed to make the best decisions and improve productivity.



Display Solutions

Guidance Solutions

Connected Experience

Control Solutions

Machine Automation

Additional Information

CASE IH FIELDOPS

Purposefully designed to be a simplified and streamlined all-in-one operations management solution, Case IH FieldOps™ empowers owners and operators to manage and visualize their fleet at anytime from anywhere. Gain relevant agronomic insights, connect with a customer to help with service or maintenance needs and allow customers to share relevant information with their trusted advisors.

Key Product Features

- Web and mobile apps store information from your entire connected fleet.
- Get access to real-time data and insights, including real-time monitoring, precise equipment location and duty status, estimated job completion time, and more.
- Easily navigate and share relevant agronomic data with preferred business partners — agronomists, dealers, or consultants — to optimize time.
- View in-cab displays remotely in real-time, giving operators extra support.
- FieldOps is free to anyone. Download the mobile app or go to fieldops.caseih.com to get started.

References



FieldOps Resource Hub



FieldOps How To Playlist



MY.CASEIH.COM

My.CaseIH.com allows customers to get the most out of their equipment. Customers can access their FieldOps account, register products here and access support documents, productivity tips and more.

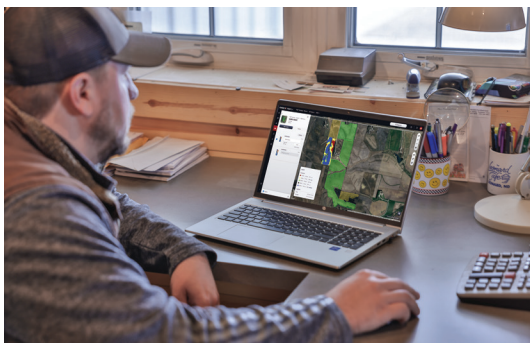
Key Product Features

- My.CaseIH.com is one location to access FieldOps, manage your fleet and products, access troubleshooting and maintenance tips, and video walkthroughs.
- Once machines are registered, maintenance tips and information specific to that machine will be populated into a customer's My.CaseIH.com account.
- My.CaseIH.com is free to all users.
- Help customers select you as their preferred dealer through My.CaseIH.com.

Reference



Website



SEED/NUTRIENT PRESCRIPTIONS FieldOps RX

The Prescription creation tool can use existing soil topography data or previous applications to generate new variable-rate prescriptions and management zones that are perfectly suited to your fields.

Key Product Features

- Prescriptions are created in FieldOps and can be pushed over the air to a machine or uploaded via a USB.
- You can use pre-existing automated activity layers, machine data or even soil layers as the basis for creating your prescription management zones.
- Seed prescriptions allow the user to vary the rate of seed or nutrient amounts in specific areas of the field.

Reference



Blog

Display Solutions

Guidance Solutions

Connected Experience

Control Solutions

Machine Automation

Additional Information



CONNECTIVITY MODEM PCM/PCMf

The PCM provides customers a gateway into their equipment with 4G cellular coverage – supporting simultaneous Connect connectivity and NTRIP capabilities.

Key Product Features

- Standard on Magnum, Steiger, Optum and Puma; 50 Series Patriot sprayers and on Axial-Flow 260 and 160 series combines.
- Upgrade existing equipment to a PCMf (aftermarket PCM variant) to add integrated technology.
- Activations and subscriptions purchased through the Vehicle Management System (VMS) are stored on the PCM/PCMf.

Reference



Ordering Guide

Display Solutions

Guidance Solutions

Connected Experience

Control Solutions

Machine Automation

Additional Information



REMOTE MONITORING & VIEWING

Remote Display Viewing (RDV)

RDV can be initiated from FieldOps web or mobile application, allowing users to remotely view the in-cab Pro 1200 display.

Key Product Features

- Allow a farm manager or dealer to view exactly what an operator is seeing on the Pro 1200 display in the cab.
- Remote service tool allows dealers to remotely identify maintenance and service needs and proactively determine what parts may be needed without ever needing to make a trip to the field.
- When using remote display viewing, only the operator in the cab of the equipment can make the changes to the display, while being guided by the person on the other end.
- Gain insight into the challenges an operator may be having and guide them through, step by step to make changes. As you click on your screen remotely, a blue finger will appear on the Pro 1200 display to advise the operator where to click.
- RDV can only be performed on equipment with an Pro 1200 display.

Reference



Brochure
AFS-8243-24



CONNECTED SERVICES

eTIM Dealer Support

eTIM provides the ultimate level of connected and proactive maintenance, allowing you and your customer to work together in ensuring early identification of issues and maximum performance for their machine.

Key Product Features

- Monitor machine alerts and visualize parameters in real-time
- Increase productivity by identifying maintenance opportunities proactively
- Understand machine performance and utilization through insightful reporting
- Set service notification preferences for technical alerts and bulletins, and initiate a THD Request.

Reference



Website



Display Solutions

Guidance Solutions

Connected Experience

Control Solutions

Machine Automation

Additional Information

RAVEN SLINGSHOT

Slingshot is Raven's suite of services that syncs the farm operations from the field to the office. With its connectivity and logistics features, Slingshot increases accuracy and visibility across all your machines, fields, and jobs.

Key Product Features

- Slingshot connectivity provides a large range of real-time dispatch, information sharing, monitoring, and reporting analytics to increase accuracy and efficiency — right from your computer, tablet, in-cab display or cell phone.
- Send custom work orders and detailed prescriptions to each machine seamlessly.
- Ability to connect Slingshot to FieldOps through an API data share allows you to view agronomic data from Slingshot in Case IH FieldOps.
- Eliminates redundancies in multi-machine applications with real-time data sharing.

References



YouTube



YouTube



Slingshot



FIELD HUB 2.1

The in-cab modem links your operator, managers, and Slingshot support to each other on one centralized network.

Key Product Features

- 4G LTE modem connects to most mobile networks worldwide.
- Also supports 3G or lower networks (where available).
- Ethernet port allows for full Internet connectivity to Raven field computers, as well as other compatible devices.
- WiFi hotspot provides robust wireless access to laptops and other mobile devices in the cab.
- Connects to most modern GNSS positioning systems directly via serial port for cellular RTK streaming. Integrated GPS for easily tracking location of equipment on Slingshot Fleet Tracking portals.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information

ENTRY LEVEL TELEMATICS CM1X

The CM1X (CM100 or CM110 modem) offers a lower cost track and trace option that integrates into FieldOps through a complimentary subscription. The CM1X solution may have some CAN data reporting features depending on the vehicle it is installed on.

Key Product Features

- Allows for location visualization in FieldOps of truck and other fleet vehicles for improved coordination and logistics.
- Ability to monitor last reported vehicle parameters.
- Machine breadcrumbing allows the user to know everywhere that machine has traveled.
- Setup a geofence, so if a machine travels outside of the designated area alerts can be sent.
- Ability to add competitive units to FieldOps to complete the fleet.

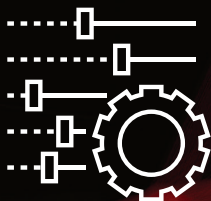
Reference



PI
AFS-8165-23

CHAPTER 4

CONTROL SOLUTIONS



Every crop deserves the best possible chance to thrive. Precise control solutions optimize every aspect of an operation, from soil management to seed placement and crop protection. These solutions enable data-driven decisions to ensure every individual plant contributes to a customer's bottom line.



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Additional Information

PRESCRIPTION TILLAGE

Soil Command™

Tillage prescription technology can easily match variable tillage treatments to a field's specific conditions.

Key Product Features

- Zone-specific residue management and compaction removal to improve soil conservation and minimize erosion.
- User creates an easy-to-use prescription that is wirelessly transferred to the machine.
- In-cab automatic adjustments and precise control of every component of the tillage tool optimize machine settings as field conditions change.
- The tractor used must have the ISO BUS (task controller) unlock to utilize this feature.
- Available on select sizes of the Case IH Ecolo-Tiger Disk Rippers, Tiger-Mate Field Cultivators, Barracuda Vertical Tillage, True-Tandem Disk Harrows, Speed-Tiller 475 and VT-Flex.

References



PI
SP-4081-21



AFS
AFS-8147-21



Brochure
CIH21051201



Brochure
SP-4098-24



Brochure
SP-4099-24



SEEDBED SENSING

Soil Command

Case IH Soil Command seedbed sensing technology gives real-time feedback with in-cab monitoring of the quality of the seedbed floor. This allows the operator to make agronomically correct adjustments easily from in the tractor cab and ensures the machine is properly set.

Key Product Features

- Only available on the Tiger-Mate 255, Seedbed Sensing enables in-cab monitoring of the seedbed floor.
- Simple user interface via ISOBUS compliant displays.
- With real-time feedback from the seedbed, you can make yield-enhancing adjustments and eliminate the presence of an uneven seedbed floor that causes planter row unit bounce.

References



Brochure
CIH21051201



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Guidance
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Experience

Control
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Machine
Automation

Additional
Information



ISO 15725



SPRAYER NOZZLE CONTROL AIM Command FLEX™ II

Get the best possible chance at maintaining the ideal chemical application rate, pressure and accuracy, regardless of speed or terrain.

Key Product Features

- Optimizes application rates and droplet sizes for consistent application.
- Sprays at faster speeds or applies more product as needed with 17% higher flow rates.
- Compensates for different speeds across the boom to ensure correct application rates during turns.

References



Brochure
CIH21102601



PI
AP-10137-21

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Solutions

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Experience

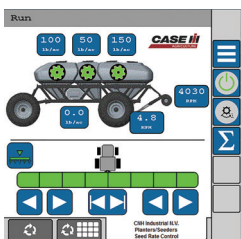
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Solutions

Machine
Automation

Additional
Information



ISO BUS



SEEDER METERING SYSTEM AccuSection™

The modular seed metering system on the Precision Air 5 Series Air Cart offers precise control and visibility to your seed that significantly reduces waste with accurate rate control and adjustment. The technology uses individual electronic meter drives to provide primary run control on a per-meter basis.

Key Product Features

- Optional automatic section control.
- Avoids overseeding and overfertilizing.
- ISOBUS-compatible.
- Calibration Wizard makes setting seed rates easy.
- Add optional weigh scales for even more visibility to individual tank seed or fertilizer levels.
- In-cab display provides a full view of the tank bin level, in-tank camera feed, ladder position and any other warnings.
- Allows for advanced rate control features such as curve compensation and variable by section metering.

Reference



Brochure
CIH21010701

Display
Solutions

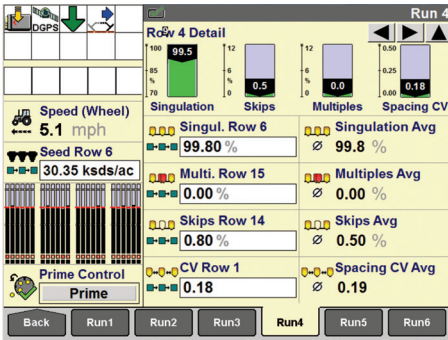
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Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



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Connected Experience

Control Solutions

Machine Automation

Additional Information

INDIVIDUAL ROW SEED MONITORING AccuStat

AccuStat provides real time row-by-row seed monitoring to enhance your planter performance on the Pro 700 display.

Key Product Features

- Monitors and maps seed activity in real time.
- Monitors individual row unit performance.
- Evaluate key issues with seed singulation, skips and multiples.
- This feature is available on the Pro 700 display for model year 2014 and later 1200 series Early Riser planters.

Reference



Brochure
CIH20042102



ISO 3154



SEEDER DOWN FORCE Furrow Command™

Available on Precision Disk Air Drills, Furrow Command downforce automation, automates consistent seed depth in changing field conditions by varying the hydraulic pressure of the row-unit to maintain constant contact between the gauge wheel and the ground. This ensures consistent seed placement for more even emergence.

Key Product Features

- Improves consistent seed depth.
- Simplify operation by automating the down pressure setting.
- Improves germination & yield potential by placing seed at consistent depth.
- Improves component wear by applying proper down force when needed.
- Furrow Command is available on the following units: PD550T, PD550, and PD500DS.

References



PI

SD-16031-23



Brochure

CIH23011401

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Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



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Guidance Solutions

Connected Experience

Control Solutions

Machine Automation

Additional Information

SEED METERING

Advanced Seed Information

Advanced Seed Information (ASI) gives you detailed seed placement information for planting performance.

Key Product Features

- Shows readings for singulation, skips, multiples, Seed Release Index (SRI), and good spacing.
- User sets row readings – set for all rows, high row, low row, or average.
- This feature is available on the Pro 700 and Pro 1200 displays for Case IH 2000 Series Early Riser planters.

References



Brochure
CIH21010602



Brochure
CIH22012601



PLANTER DOWNFORCE CONTROL Precision Planting DeltaForce®

Planter row unit down and lift force provides consistent seed placement depth in changing field conditions by automatically adjusting the hydraulic pressure to maintain contact between the gauge wheel and the ground. With consistent downforce, the seed is placed at the right depth every time.

Key Product Features

- Consistent seed depth row-to-row and throughout the entire field.
- Real time adjustment of weight on gauge wheels.
- Automated row-by-row down force control.

References



Brochure

Brochure

Website

CIH20042102 CIH22012601

Display Solutions

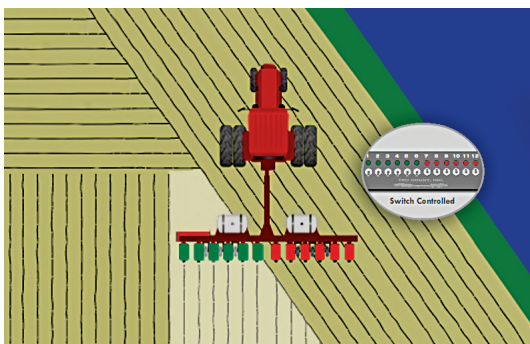
Guidance Solutions

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Control Solutions

Machine Automation

Additional Information



PLANTER SECTION CONTROL AccuRow

Planter section control is an electric clutch option that eliminates overlap and provides row unit shutoff. As a planter crosses an already planted area of the field, the section control shuts off the row unit eliminating excess seed planted.

Key Product Features

- Reduces input cost.
- Reduces seed mortality.
- Increases seed survivability.
- Improves germination & yield potential.
- Feature is found on the Case IH Early Riser planter, allowing the planter to have individual row shutoff to ensure exact seed placement.

Reference



Brochure
CIH20042102

Display
Solutions

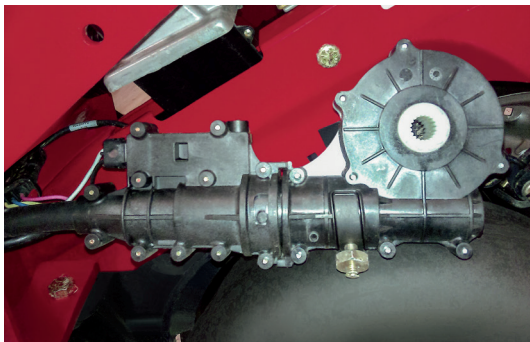
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Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



PLANTER CABLE METER DRIVE AccuDrive

Available on Early Riser 1200 series planters — AccuDrive is a cable seed meter drive with electric clutch that engages and disengages for each row unit. Eliminates conventional drive chains and sprockets providing for simple care and maintenance.

Key Product Features

- Engineered and built for accuracy, efficiency and trouble-free service in all field conditions.
- More than 40 years of durability testing on the AccuDrive assemblies.
- All the gear components are lubed for life and do not require any maintenance.

Reference



Brochure
CIH20042102

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Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



ISO 3154



SEED SENSOR

Precision Planting WaveVision Sensor

WaveVision measures seed populations by using high-frequency radio waves. This allows WaveVision to measure mass instead of shape, ensuring that seed can't be confused with dust particles.

Key Product Features

- Counts the seeds, not dust, for greater planting data accuracy.
- Retrofit version contain a tungsten carbide wear tip to prevent seed tube wear.
- The elimination of the optical sensor with WaveVision helps prevent seed ricochet which can cause skips/doubles.
- In-cab visualization of seed frequency through the Pro 700 or Pro 1200 displays make it easy for the operator to see seed skips or multiples.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

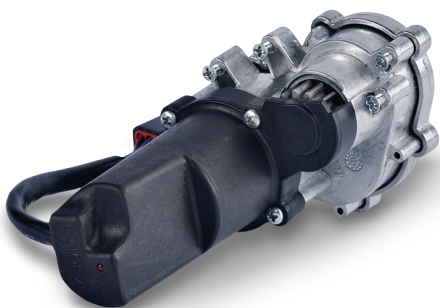
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Machine
Automation

Additional
Information



ISO 3155



ELECTRIC SEED METER DRIVE Precision Planting vDrive

vDrive replaces the mechanical drive system, simplifying your planter. A vDrive motor mounts to each vSet meter and makes that row a single row planter because that row is controlled individually.

Key Product Features

- Boundary control eliminates over-planting.
- Allows for accurate seed population.
- Ensures precise per-row seed metering.
- Curve-compensated spacing delivers optimal seed singulation.
- Each individual row can change rate independently thus giving you correct populations during variable rate seeding.

References



Brochure

Brochure

Website

CIH22012601 CIH20042102

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Guidance Solutions

Connected Experience

Control Solutions

Machine Automation

Additional Information



ROW CLEANERS

Precision Planting CleanSweep

Row cleaners are designed to remove debris from the soil surface to prepare the seedbed to be formed by the opening discs and furrow formers. CleanSweep allows you to adjust row cleaners from the cab. Simple adjustments save time and increase planting productivity during critical weather windows.

Key Product Features

- Add or remove row cleaner pressure from the cab while planting.
- Reduces moisture wicking residue from the furrow.
- In cab adjustment prevents soil from being plowed out of the way.

References



Website



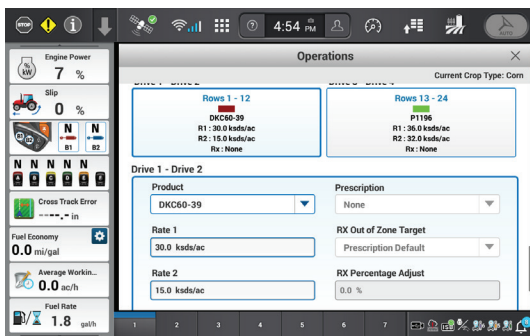
Brochure
CIH22012601



PI
PL-3097-14



ISO 15705



PRODUCT TRACKING

Multi-Product

Multi-Product allows for the repeatable setup and tracking of multiple products on individual implements tracking exact product placement.

Key Product Features

- Products can easily be created and saved within the display screen of the Pro 1200 Product Library or in your FieldOps account then sent to a specific machine.
- Customize seed and fertilizer assignment to individual implements.
- After proper set up, crucial as-applied tracking is achieved of products and product applications for data analysis, record keeping, and documentation.
- Superior visualization of the product assignments across the entire implement to ensure placement by the machine in the field.

References



YouTube



PI
PL-3115-21



ISO 3154



HIGH SPEED SEED PLACEMENT

Precision Planting SpeedTube

SpeedTube is a flighted belt seed delivery system for planters allowing producers to increase planting speed while maintaining accuracy and performance of seed placement. Works with planters equipped for beans, corn, cotton and sugarbeets.

Key Product Features

- vSet, vDrive, and the SpeedTube are all required to be installed together to allow the producer to plant at higher speeds while still having extremely accurate seed placement.
- Component of the 10-mph planting solution.
- Eliminates seed tube bounce of seeds.
- Seeds are released to match ground speed which reduces furrow tumbling.

Reference



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Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



PRODUCT CONTROL

Raven Augmenta Field Analyzer

Augmenta maximizes input effectiveness to increase yields, saves inputs to reduce environmental impact and input costs, and visualizes input cost savings in real-time on a web-based analytics and monitoring platform. It makes variable rate applications (VRA) easier to operate and its ROI easier to understand. Automates nitrogen, PGR, harvest aid, and fungicide applications with most cost-efficient input use based on canopy health, uniformity, yield, and more.

Key Product Features

- Mounts on top of the cab in most CAN and ISOBUS sprayers or spreaders to control VRA machinery.
- Used in nitrogen, PGR, harvest aid, and fungicide applications.
- Approved for use in Wheat, Barley, Small Grains, Corn, Cotton, Canola/Rapeseed, Soybeans, Beans, other Legumes & Pulses.
- Used to increase application quality and input cost/use efficiency.
- Ability to use agronomists' recommendations while compensating for your farm's variability.

Reference



Website



BOOM PRIME/CIRCULATION Raven Boom Recirculation

Raven Boom Recirculation makes sure your booms stay clean with less product settling and without waste.

Key Product Features

- Boom Recirculation uses add-on hardware to aid in efficient clean out of the boom and plumbing system.
- By circulating liquid from the outside tip of the boom and back to the center section, product settling is reduced, and waste is eliminated.
- Boom Recirculation is activated on your machine with a software upgrade through AIM Command FLEX or AIM Command FLEX II.

Reference



Website

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



ISO 15724



SPRAYER SECTION CONTROL

Raven AccuBoom™

Sprayer section control automatically turns off boom sections when the sprayer enters an area that has already been sprayed and turns the sections back on when leaving the applied area.

Key Product Features

- Automatic on-off control for up to 10 sections.
- Adjustable look ahead function lets you adjust settings easily for the overlap you choose.
- Speed compensation function accounts for how fast you are driving and ensures properly timed shut-off.
- Standard on every Patriot sprayer and Trident liquid system.
- Use of an optional remote control to help check nozzles quickly.

References



Brochure
CIH21102601



PI
AP-10137-21

Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



ISO PLUS



AUTOMATIC BOOM HEIGHT CONTROL Raven AutoBoom® XRT

Maintains the right spray height for maximum product effectiveness.

Key Product Features

- Non-contact radar sensors (in place of ultrasonic sensors) to protect against harmful dipping that can cause the boom, and your crops, to break down.
- AutoBoom XRT keeps the boom at the intended height for better coverage and efficacy.
- Monitors the ground, canopy height and every movement of the machine to automatically adjust the boom to stay within its intended position.

References



Website



YouTube



Brochure
CIH21102601



PI
AP-10137-21

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Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



RATE CONTROLLER Raven Rate Control Module (RCM)

The RCM is a product controller that can control up to five liquid and dry products per unit. The RCM's intuitive interface is easy to use for operators of all skill levels.

Key Product Features

- Easy to calibrate, tune, and troubleshoot with diagnostic tests and readings.
- Supports over 200 different applications, including air seeders, planters, sprayers, spreaders, tool bars, and side dress applications.
- Stores up to 8 transferable individual profiles that can be used across machines, ensuring a consistent user interface.
- Compatible with many ISOBUS virtual terminals.

Reference



Website

Display Solutions

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Machine Automation

Additional Information



NH3 APPLICATION SYSTEM Raven AccuFlow™

AccuFlow features an anhydrous ammonia (NH3) distribution system that converts gas to liquid, keeping it cold and fluid during application.

Key Product Features

- Replaces dual cooler systems, keeping NH3 ready to apply at more capacity.
- New system greatly reduces fittings from 50-plus to less than 30.
- Improves nitrogen use efficiency for greater yield potential.
- Superior application accuracy.
- Closed system keeps product safely away from operator.
- Full bleed down in 30 minutes or less.
- Two-stage valve control.
- Built-in troubleshooting and notifications.
- Stainless steel coolers available.

Reference



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Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



SPRAYER DIRECT INJECTION

Raven Sidekick Pro™ Direct Injection

Sidekick Pro automatically adds the correct amount of product directly into the stream of your sprayer booms, preventing cross-contamination and reducing waste.

Key Product Features

- Up to 5 direct injection units on one machine, allowing easy switching between fields and applications with AIM Command FLEX II.
- Rinse Assist for Direct Injection automatically cleans chemical tank with the push of a button.
- No pre-mixing, tank mixing, cross-contamination or clean out required; reducing waste from unused product.
- Powerful positive displacement pump which injects on the pressure side, closer to the boom, for faster response time.
- Reduced chemical exposure means additional safety for the operator.
- Gives you greater flexibility with multiple chemicals in applications to tackle weed resistance and other challenges.

Reference



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Display
Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information

CHAPTER 5

MACHINE AUTOMATION



Machine automation provides solutions for all crop types, regions, and operator skill levels to ensure optimal operational outcomes. By automatically adjusting speed, steering, and machine settings based on crop and field conditions, automation simplifies complex tasks, boosts efficiency, and saves farmers time and money.



COMBINE AUTOMATION Harvest Command™

The most advanced harvesting automation system available, Harvest Command, comes standard on all Axial-Flow combines including the 160, 260 and AF series. Each automation mode prioritizes different harvesting outcomes — from grain quality to grain savings to throughput.

Choose from four modes of automation to fit your operation. Set the crop type, maximum operating speed and power limits and Harvest Command handles the rest.

Harvest Command Modes

- Performance: Maximize grain savings and grain quality while optimizing throughput.
- Grain quality: Maximize grain quality while saving grain and optimizing throughput.
- Max throughput: The operator can maximize throughput while automation adjusts combine settings to save grain.
- Fixed throughput: The operator can fix the machine throughput and the machine will adjust to save grain and maintain a quality sample.

References



PI
GH-2095-23



Website



PI
GH-2091-22

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Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



ISO BUS



AUTOMATIC GRAIN CART SYNC

Cart Automation™

Cart Automation makes it easier for any operator to run an unload on-the-go operation effectively. It syncs the cart's direction and speed with the combine, ensuring a smooth harvest operation.

Key Product Features

- Minimizes grain spillage when unloading on-the-go, maximizing profits.
- Increases field efficiency by reducing slow down events during the unload cycle in some cases.
- Reduces stressful events for tractor and combine operators in small grain.
- Uses local radio communication for more reliable sync.
- Can sync up to six grain cart and combine systems in one operation.

Reference



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Solutions

Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



LARGE SQUARE BALER AUTOMATION

Advanced Feedrate Control

The automation feature controls the tractor's forward speed and steering creating a hands-free baling experience, increasing productivity, improving operator comfort, improving fuel savings and optimizing feeding rate in varying field and crop conditions.

Key Product Features

- Consistent bale length and weight, due to maintaining consistent flake count.
- Reduce fuel consumption.
- Increase capacity of baler — the baler will command the tractor to speed up in lighter windrows to reach the desired stuffer/plunger ratio without input from the operator.
- See page 85 for the part numbers of the activations required for baler automation.

Reference



PI
HF-5172-20

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Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information



ROUND BALER AUTOMATION

With Round Baler Automation, the following functions are carried out automatically without operator input.

- Tractor stops automatically when target bale size is reached.
- Net wrap applied automatically to bale.
- Baler tailgate will raise and lower automatically to eject wrapped bale.
- At this point the operator can shuttle forward via tractor shuttle lever or shuttle forward button on MultiFunction Handle and the tractor will return to desired baling speed.
- Round Baler Automation results in reduced repetitive operator actions and optimized cycle times, ensuring maximum efficiency.
- See page 85 for the part numbers of the activations required for baler automation.

Reference



PI
HF-5149-16

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Guidance
Solutions

Connected
Experience

Control
Solutions

Machine
Automation

Additional
Information

CHAPTER 6

ADDITIONAL INFORMATION



In this chapter you will find activations and subscriptions, in addition to other helpful and hard to find information.

VECTOR PRO RECEIVER ORDERING

Adding an Vector Pro receiver enables WAAS autoguidance correction with no additional hardware or activations needed to steer the machine. An Vector Pro receiver can be added at the factory, or it can be added later through Parts. It is important to note that when ordering a tractor, the receiver can be upgraded to different correction system levels from the factory. See the below excerpt from the Magnum price book for different ordering options.

A WAAS correction signal is standard from the factory when an Vector Pro receiver is ordered but no upgrade is chosen for the receiver. Consult the below ordering chart to upgrade the receiver to more accurate correction signals. In order to have autoguidance capability you need to order an Vector Pro receiver. Accuracy upgrades can be purchased through the Vehicle Management System tool.

AUTOGUIDANCE READY		
Factory Fit Order Code	Description	VMS Part Number
429561	AccuGuide Ready	
429564	Vector Pro Base Vector Pro – GPS Receiver WAAS Ready Capable of running AFS 1 with applicable subscription	9004427P50
429565	Vector Pro Medium Vector Pro Medium – GPS Receiver Includes Medium accuracy upgrade Capable of running AFS 3 with applicable subscription	9007315P00
464046	Vector Pro High with NTRIP Vector Pro High with NTRIP – GPS Receiver Includes High accuracy upgrade capable of running radio or cellular based RTK correction signals 1 year NTRIP subscription included to run choice of cellular correction	9004427P50

VECTOR PRO RECEIVER ACTIVATION ORDERING

A WAAS correction signal is standard from the factory when an Vector Pro receiver is ordered but no upgrade is chosen for the receiver. Consult the below ordering chart to upgrade the receiver to more accurate correction signals. In order to have autoguidance capability you need to order an Vector Pro receiver. Accuracy upgrades can be purchased through the Vehicle Management System tool.

Description	Part Number
Vector Pro Receiver, Base Accuracy	48183183
Base to Medium Accuracy Upgrade	51449279
Medium to High Accuracy Upgrade	51449282
Base to High Accuracy Upgrade	51449283
Base to High Accuracy Upgrade – 7 day demo	48075059

VECTOR PRO CORRECTION SIGNALS

When selecting which correction source is best for your operation with the Vector Pro receiver, consult the chart below.

Correction Signal	Level of Receiver Accuracy Required	Accuracy Rating	Delivery Method
SBAS (WAAS)	Base Accuracy (<10 inch P2P)	<10 inch (pass-to-pass)	Satellite
AFS 1		<6 inch (pass-to-pass)	Satellite
AFS 2	Medium Accuracy (<4 inch)	<2 inch	Satellite
AFS 3		<1.5 Inches	Satellite
RTK – Next Gen Base Station	High Accuracy (1 inch)	<1 inch	Radio or NTRIP
Case IH RTK+		<1 inch	NTRIP
Generic RTK Correction Providers (State CORS)		<1 inch	NTRIP
RTK – Existing Trimble Base Stn's		<1 inch	Radio

Activations

Activations are a one-time purchase and are functional for the life of the hardware.

Subscriptions

Subscriptions are time based and need to renew when expired.

VECTOR PRO RECEIVER CORRECTION SIGNAL SUBSCRIPTIONS

Once a correction source is chosen, a length of subscription must be selected for the applicable correction source. Reference the chart below for more information.

Correction Signal	Subscription Duration	Part Number
AFS1	1 Year	48024525
	5 Day (Demo)	48075063
AFS2	3 Month	48084210
	1 Year	48084211
	2 Year	48084212
	3 Year	48084213
	5 Day (Demo)	48075064
AFS3	3 Month	51668571
	1 Year	51668573
	2 Year	51668574
	3 Year	51668576

An NTRIP subscription is required to run any cell based correction signal including RTK+.

Description	Part Number
1 YR AFS Connect NTRIP	51635358
3 YR AFS Connect NTRIP	51635405
5 YR AFS Connect NTRIP	51635421

RTK Base Station Pro

Description	Part Number
KIT, 430 - 470 MHz RTK BASE STATION, FIXED*	47700524
KIT, 430 - 470 MHz RTK BASE STATION 35W, FIXED*	48189918
KIT, 430 - 470 MHz RTK BASE STATION, PORTABLE	47931912
KIT, 900 MHz RTK BASE STATION, FIXED*	47700525
KIT, 900 MHz RTK BASE STATION, PORTABLE	47931913
KIT, NTRIP RTK BASE STATION, FIXED*	51566621

RTK Base Station Pro Repeater

Description	Part Number
KIT, 430 - 470 MHz RTK REPEATER	47700526
KIT, 430 - 470 MHz RTK REPEATER 35W	48189919
KIT, 900 MHz RTK REPEATER	47887765

Vector Pro Receiver Compatibility with Existing Trimble Base Stations

Description	Part Number
KIT, RADIO, X RTK 430-450MHz	47700524
KIT, RADIO, X RTK 450 - 470 MHz	51415534
KIT, RADIO, X RTK 900 MHz	51415542
Harness, WIRE, X RTK	51526151

RAVEN GNSS CORRECTION OPTIONS

		Repeatability (95%)	Pass-To-Pass Accuracy (95%)	Convergence	Unlock	Subscription
SBAS	SBAS includes area specific differential systems, WAAS and EGNOS. GLONASS capable.	120 cm	15 cm	5-7 min		
GS-LITE (500S only)	Ideal for tillage, broadacre spraying, and fertilizer applications. Satellite delivery. GLONASS included.	50 cm	30 cm	<3 min	✓	
GS-LITE (700S, 600S, RSI, Viper 4+)	Ideal for tillage, broadacre spraying, and fertilizer applications. Satellite delivery. GLONASS included.	50 cm	15 cm	<5 min		✓
Satellite GS (500S only)	Utilizes premium correction data delivery to provide solutions with high accuracy and quick re-convergence in areas with loss of correction stream. Corrections delivered via satellite direct to end user. No base station infrastructure required, simplifying equipment needs.	8 cm	4 cm	<18 min		✓
Satellite GS (600S, RSI, Viper 4+)	Utilizes premium correction data delivery to provide solutions with high accuracy and quick re-convergence in areas with loss of correction stream. Corrections delivered via satellite direct to end user. No base station infrastructure required, simplifying equipment needs.	5 cm	4 cm	<30 min	✓	✓

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Guidance Solutions

Connected Experience

Control Solutions

Operator Experience

Additional Information

RAVEN GNSS CORRECTION OPTIONS

		Repeatability (95%)	Pass-To-Pass Accuracy (95%)	Convergence	Unlock	Subscription
Satellite GS-PRO (700S and RS1)	<p>Utilizes premium correction data delivery to provide solutions with high accuracy and quick re-convergence in areas with loss of correction stream.</p> <p>Corrections delivered via satellite direct to end user</p> <p>No base station infrastructure required, simplifying equipment needs</p>	3 cm	2 cm	<18 min	✓	✓
Slingshot RTK (700S, 600S, RS1, Viper 4++)	<p>The most accurate, GNSS correction source available from Raven.</p> <p>Sub-inch accuracy and repeatability and faster convergence times</p> <p>Base station or CORS network required</p>	2.5 cm	2.5 cm	<5 min	✓	
Slingshot RTK (700S, 600S, RS1, Viper 4++)	<p>The most accurate, GNSS correction source available from Raven.</p> <p>Sub-inch accuracy and repeatability and faster convergence times</p> <p>Base station or CORS network required</p>	2.5 cm	2.5 cm	<5 min	✓	
RTK-L (700S and RS1)	<p>Receiver can maintain centimeter-level positioning accuracy for outages in RTK correction messages (i.e. loss of cellular or radio connection).</p> <p>Provides RTK level accuracy for up to 20 minutes of correction outage</p> <p>Operates seamlessly in the background</p>			<30 min	✓	✓
RTK PRO (RS1 only)	<p>Unlocks unlimited RTK assistance, maintaining centimeter-level accuracy for even longer RTK correction outages and downtimes. Uses corrections from GPS, GLONASS, Galileo and BeiDou constellations to provide highly accurate and reliable positioning</p>			<30 min		✓

Display Solutions

Guidance Solutions

Connected Experience

Control Solutions

Operator Experience

Additional Information

500S

Upgrades, Subscriptions and Kits

CR7 KITS	
Description	Part Number
KIT CR7 WITH 500S SBAS	117-2295-001
KIT CR7 W/500S UT/TC & MULTI	117-2295-001TC
KIT CR7 W/500S UT/TC UNLOCKS	117-2295-001TN
KIT CR7 W/500S UT/TC & SINGLE	117-2295-001TS
KIT CR7 W/500S UT UNLOCK	117-2295-001UN
KIT CR7 W/500S ISOBUS UT/TC &	117-2295-006TC
KIT CR7 W/500S ISOBUS UT/TC	117-2295-006TN
KIT CR7 W/500S ISOBUS UT/TC &	117-2295-006TS

CR7 KITS	
Description	Part Number
CODE 500 GS-LITE UPGRADE	077-0180-236
SUBSCRIPTION 500S 1YR SATELLITE GS	077-0180-237
SUBSCRIPTION 500S 3YR SATELLITE GS	077-0180-238
SUBSCRIPTION 500S 5YR SATELLITE GS	077-0180-239
SUBSCRIPTION 500S 6MO SATELLITE GS	077-0180-240
SUBSCRIPTION 500S 3MO SATELLITE GS	077-0180-243

CR7 KITS	
Description	Part Number
CBL 500S TO SERIAL PRT AUX PWR	115-0172-471
CBL CR7 TO 500S	115-0172-373
KIT RAVEN 500S SMART ANTENNA	117-2000-014
RAVEN 500S MNTG KIT 710-0141-0	063-2000-008

Display
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Experience

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Operator
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Additional
Information

700S

Upgrades, Subscriptions and Kits

UPGRADES	
Description	Part Number
700S UPGRADE TO SBAS TO SAT GS-PRO	077-0180-264
700S UPGRADE SBAS TO RTK W/ RTK-L	077-0180-306
700S UPGRADE SAT GS PRO TO RTK W/ RTK-L	077-0180-307
700S UPGRADE TO RTK W/ RTK-L	077-0180-309

SMART ANTENNA KITS	
Description	Part Number
KIT 700S SBAS	117-2000-004
KIT 700S SATELLITE GS PRO	117-2000-005
KIT 700S RTK	117-2000-006

MISCELLANEOUS & REPLACEMENT PARTS	
Description	Part Number
ASSEMBLY 700S MACHINE BRACKET	063-2000-010
CABLE 20FT RAVEN 700S	115-0172-246
CBL 700S TO 8P DEUTSCH DT ET	115-0172-445
CBL CR7 TO 700S RECEIVER	115-0172-374

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Operator
Experience

Additional
Information



CAMERA KITS

Camera kits are available to be ordered through Case IH Parts & Service or through the factory on select platforms. Case IH displays support multiple camera inputs for improved safety and visibility.

Camera PN: 91783634

Harness Kit (required) PN: ZAE2CAMKIT

Extension Harness:

- 15' – ZAECEC15HD
- 25' – 47509857
- 34' – 87367053
- 50' – 47509858
- 75' – ZAECEC75HD



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