TRACK**X**CONTROL

UNIQUE IMPLEMENT CONTROL SYSTEM

AG**X**TEND
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INTELLIGENT PLOUGH AND IMPLEMENT CONTROL SYSTEM FOR PROFESSIONAL FARMING

TrackXcontrol products are a unique plough and implement control system that enables you to guide steerable implements precisely with RTK accuracy. Developed for CNH Industrial, the controls are compatible with variable-width ploughs, planters and equipment used for mechanical weeding and tillage for interrow cultivation.

Precisely guiding the implement also reduces driver fatigue, saves fuel costs and protects the plants in the row.

ONE CONCEPT – THREE SOLUTIONS

Plough Control
Automatic GPS plough and furrow width control

Implement Control
Active RTK implement steering

VSN
Visual guidance steering

BENEFITS

Added value all along the line

- Unique implement control system with **RTK accuracy**

- **ISOBUS** as standard

- **All types of guidance lines** are supported

- Only **one NAV-Controller** and modem required

- **Increased operator comfort** in all weather conditions and at any time of the day

- For an **equal surface** and **protection** of the plants in the row

- **Optimized** operating times and lower fuel consumption

- VSN: Visual implement guidance for the **best crop protection** in the row
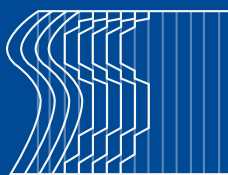
PLOUGH CONTROL

Clean and straight ploughing is the prerequisite for a flat seedbed and successful farming. Optimal plough settings enable improved pulling power and reduce fuel consumption.
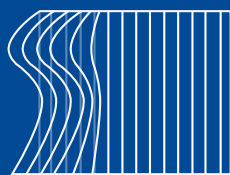
KEY FEATURES

- **Easy automatic straight ploughing** to obtain an equal surface
- ISOBUS system developed for CNH Industrial guidance systems
- **All guidance lines are supported**
- One antenna system on RTK precision
- **Automatic calibration** of the cutting width of the first furrow
- Fan out of a plot and automatic ploughing of wedges
- Automatic selection of the plough direction (optical sensor)
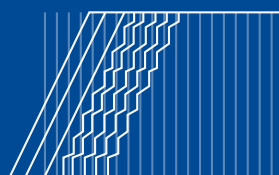- Possible upgrades for on-land ploughing and side shift function

Automatic calibration of the cutting width

Normal steering systems

Plough Control

Automatically ploughing of wedges

Normal steering systems

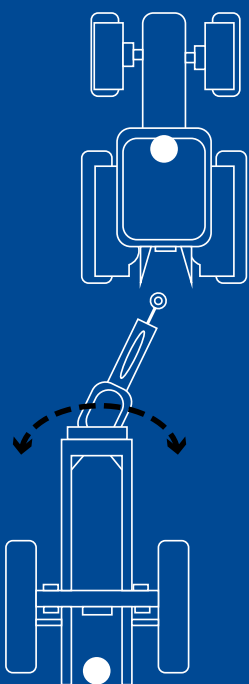Plough Control

Plot fan out

IMPLEMENT CONTROL

Precise active implement guidance with RTK accuracy for straight planting and to protect the plants in the row. Implement Control is a unique GPS implement control system for both straight and curved tracks (AB lines). It works via the existing ISOBUS screen, so no additional screens or boxes are needed in the tractor. Implement Control is suitable for almost all pulled implements. The system increases driving comfort and reduces the operating time.
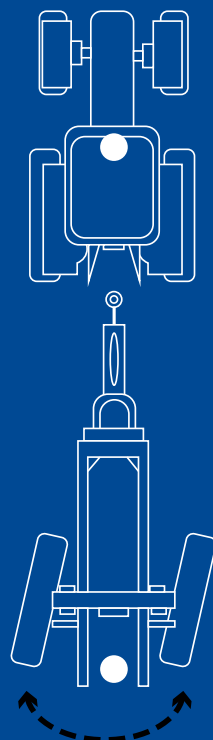
KEY FEATURES

- **Automatic and easy implement guidance** for straight planting and exact steering in the row
- ISOBUS system developed for CNH Industrial guidance systems
- **All guidance lines are supported**
- Two antenna systems for RTK accuracy: one on the implement + one on the tractor
- Easy to calibrate
- **Auto-headland function** for better performance on headland
- Automatic steering of the implement when reversing
- **Suitable for all attachments**, side-shifts, discs, drawbars, wheel steering
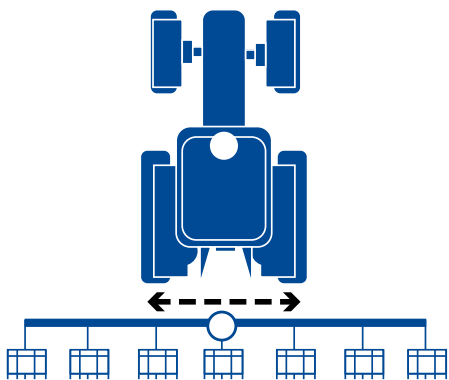
Drawbars

Wheel steering

ATTACHMENTS THAT SUIT YOU

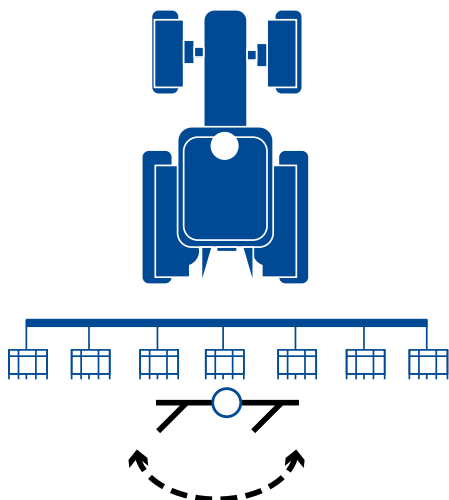**Depending on the application, two implement guidance options can be offered:**

SIDE-SHIFT FRAME

• Standard sliding frame for easy device adjustment

DISC FRAME

• Standard disc frame for demanding fields of application
• Different width
• Mechanical or hydraulic link
• Stone protection possible
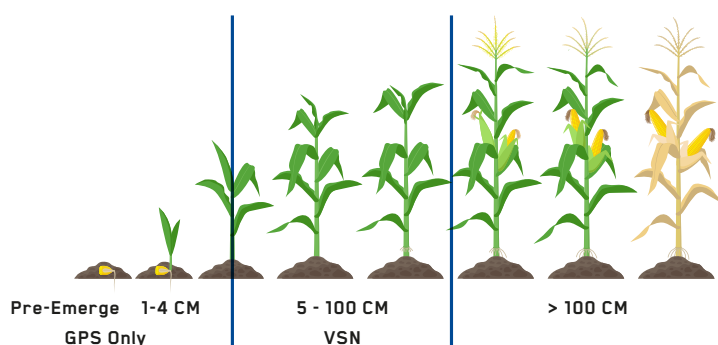
VSN – VISUAL GUIDANCE STEERING

VSN is a row guidance system based on a stereo camera solution that enables visual machine guidance in planted rows, tram lines, etc. The rows are being followed using the image recognition of the VSN camera. The system will guide the machine when the camera quality is above the user-defined threshold.

HOW VSN ENHANCES YOUR OPERATION

- Allows the operator to **cover 20% more** of their field in the same time by increasing speed, enables more efficient field planning and is user-friendly
- **Reduces driver fatigue**, allowing operators to increase the average length of their working day
- Drastically **reduces crop damage** that can cost the grower up to 2% in yield and profit
- Enhanced steering control and **easy-to-use controls** result in minimal crop damage and more acres covered in each available day
- **Works in challenging terrain**, with proven success in areas with slopes exceeding eight degrees
- Fast, **one-time calibration** with up to five saved profiles for easy crop transitions
- State-of-the-art image sensor and processing technologies deliver unrivaled performance
- Non-contact stereo camera for consistent performance in all compatible crops

	VSN©		
Row type	Contour, straight		
Crop type	Green crops	Sugarbeets Onions Cereals Corn Lettuce	Wheats Beans Corn Poppy crop Cabbage
Crop height	-5 cm		
Row spacing	12 to 75 cm		
Plant spacing (in row)	25 cm		
Weed coverage	≤ 30%		
Operating speed	up to 19,2 km/h		
Steering accuracy	(+-) 2 cm		

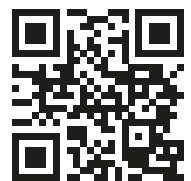| Pre-Emerge 1-4 CM	5 - 100 CM	> 100 CM
GPS Only	VSN	

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AGXTEND is a CNH Industrial aftermarket brand dedicated to accelerating pioneering technical solutions in agriculture. We do this through product development partnerships with agtech start-ups. Leveraging CNH Industrial's expertise and global network, AGXTEND aims to deliver rapid innovation, sustainability and productivity-boosting equipment add-ons that help make farming easier and smarter. Visit agxtend.com for more information.

agxtend.com