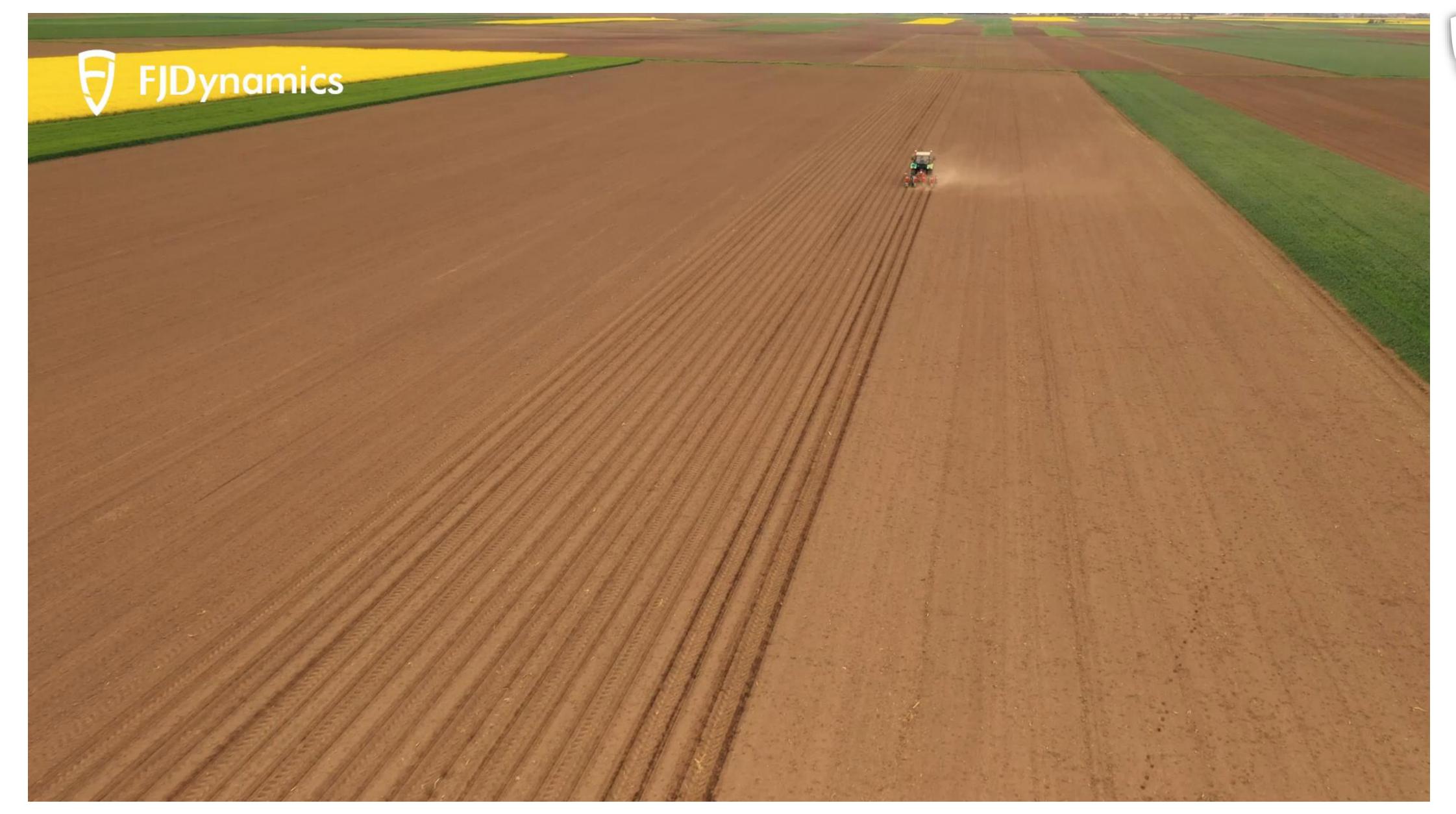
TRAINING FOR FJD AUTOSTEERING KIT WORLD'S LEADING ROBOTICS COMPANY

FJDynamics

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OUR MISSION CREATE FOR A BETTER WORLD

FJDynamics is a robotics company committed to creating a world where human beings are free from heavy labor. Automation,

digitalization, and green energy are our ways to do that.

Our technology has been applied in agriculture, construction, geospatial, landscaping, and more. We have R&D and operation

centers in Singapore, the U.S., Sweden, mainland China, and Hong Kong. With the global reach of our business, we are excited

to work with our partners and customers to build a better future.



OUR CORE COMPETENCE

POWER ELECTRONICS AND MOTOR DRIVE TECHNOLOGY

SPATIO-TEMPORAL INFORMATION TECHNOLOGY

SUPPLY CHAIN INTEGRATION CAPABILITY



OUR TEAM (Estimates as of January 31, 2022 | values rounded)

-69

Canada

Mexico

10 **GLOBAL OFFICES**





NATIONAL INVENTION PATENTS







MILESTONE

2017 2018 2019

2020

Dec Jun
Aug Oct Nov
Jun
Jul Sep Nov
Dec

- Establishment of FJDynamics Set up global offices in Sweden, mainland China and Hong Kong
- Joined Microsoft IoT Ecosystem **Exhibition at HANNOVER MESSE** Launched FJD Autosteering Kit for agricultural machinery
- bean planting area Launched Autosteering Tractor Global product launch event Set up offices in Bulgaria, Turkey and Brazil Global sales of over 10,000 Autosteering Kit
 - Joined Starbucks project "AI for Earth" IoT for Starbucks Pu'er coffee



MILESTONE

2021

Feb

Mar

May

Jun

Nov

Dec

Jan

May

2022

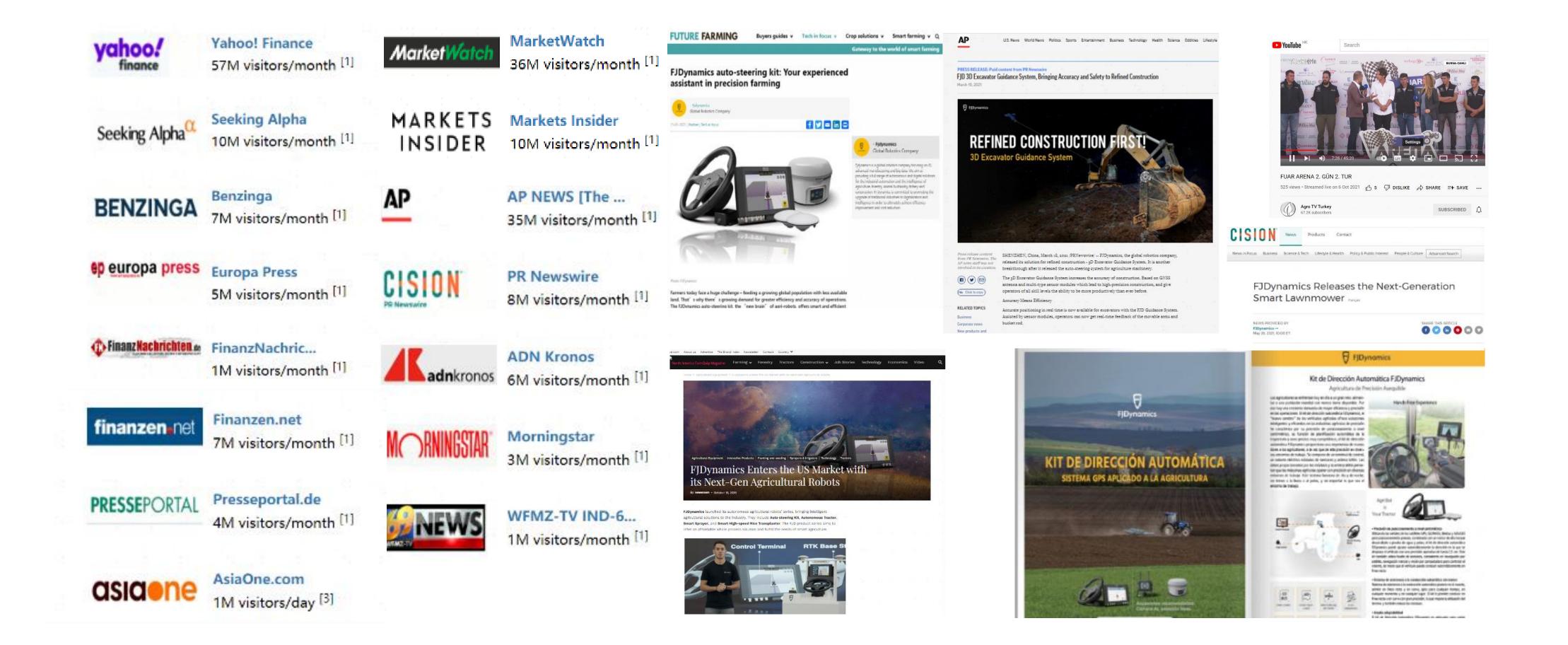
Set up offices in S
Launched 3D Exe
Launched FJD La
Microsoft's most
Completed series
Launched Multi-
Launched 3D Pile
Launched FJD Tr

Aug

- Singapore, United Stats, and Netherlands cavator Guidance System
- awnmower
- t valuable partner
- es B financing of over USD 100 Million
- View Aerial Camera
- le Driver Guidance System rion S1 3D Lidar Scanner
- Launched FJD 3D Land Leveling System Launched FJD Connect Farm Management Platform Launched FJD Remote Assistance Platform



BRAND INFLUENCE MEDIA



(Estimate as of February 28, 2022 | values rounded)



BRAND INFLUENCE WITNESS (Estimates as of February 28, 2022 | values rounded)



US USA **Our Wyoming Life** 229k followers 40k views



CLIP IN SAVE ...

MUNCHINE D

'I can see where farmers can really utilize this equipment. "



have sown properly."



мх Мехісо Ingeniero Orozco 58k followers 72k views



'Necessary for the field in Mexico, the ******* most updated, without signal problems and economical."

"This Autosteering Kit is exceptional" value for money!"

PL Poland Jockerfarm 441k followers 537k views



"You will save on seeds and you will

IT Italy The Italian Farmer 54.6k followers 55k views





TR Turkey Berkay Karadeniz 160k followers 171k views



"A nice system and it's comfortable" using it.

> **DE** Germany Turbo_Teply **37k followers** 23k views



setzte Anleitung der Fin erambh war die Montage r vorbei. Alles hat Super ge nd es ist wirklich alles dabei w aucht

der Valtra von alleine. Alles in einem bin ich mehr als zufrieden mit dem Sv

"Alles in einem bin ich sehr zufrieden mit" dem System, und kann es jetzt schon gutem Gewissens weiter Empfehlen. "





AGRICULTURE INDUSTRY PROFILE PAIN POINTS

- Imbalance in Labor Force and High Labor Cost •
- **Risks of Manual Driving** •
- Low Efficiency and Inconsistent Quality





FJD PRECISION AGRICULTURE SOLUTION





FJD PRECISION AGRICULTURE BENEFITS

can help you complete field operations quickly and efficiently.

(200ha and beyond).

Reduce Input Cost: Using auto steer rather than driving manually reduces skips and

overlaps, helping farmers reduce input costs by around $15\%^2$.

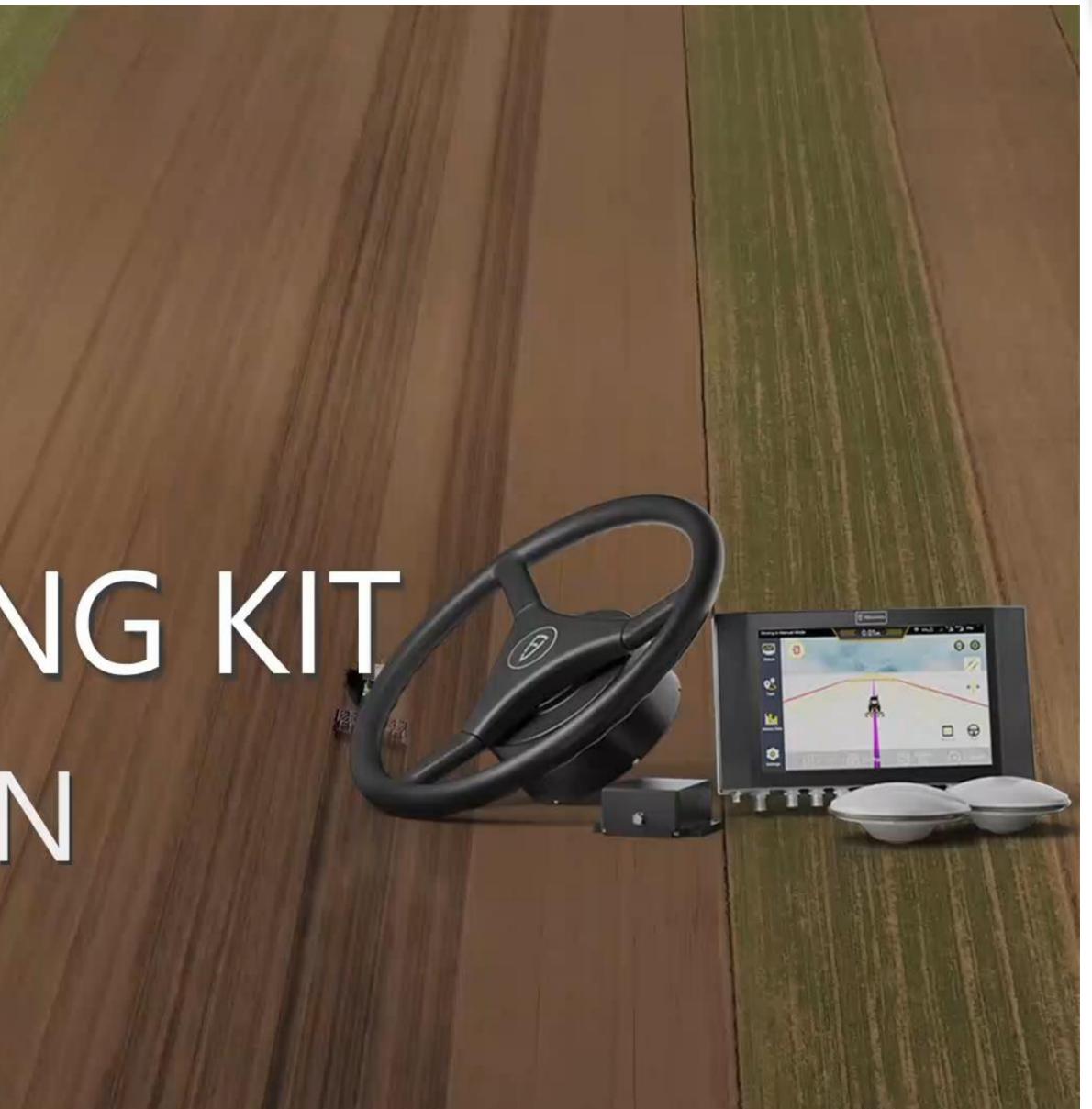
- **Boost Productivity:** With 2.5cm accuracy and speeds up to 18km/h, the Auto Steer System
- **Payback Within the First Year¹:** Payback can be within the first year for big-time growers

- - 1. Payback time may vary per conditions. 2. The percentage may vary due to the price of input, farm acreage, and more.



J FJDynamics

FJD AT1 AUTOSTEERING KIT INTRODUCTION





AUTO STEERING KIT

A HIGH-ACCURACY GPS AUTO-GUIDANCE AND STEERING SYSTEM

HANDS-FREE & MORE PRODUCTIVE

With GNSS and RTK, the autosteer delivers 2.5cm pass-to-pass accuracy on

any terrain. With Farm Management, U-turn auto-driving and advanced

guidance line, it adapts to various application scenarios in precision

agriculture as a comprehensive solution. Benefiting from this product, you

can see increased yields, better working efficiency, increased productivity,

and reduced cost.



WORKS WITH A WIDE RANGE OF TRACTOR MODELS AND OPERATIONS







AUTO STEERING KIT CORE CONTENTS







U-TURN AUTO DRIVING

- Automatic path planning that suits your field.
- Autosteer and autoturn within the boundary without

manual intervention.

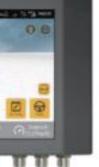
- Automatic headland closing.
- Start path planning and autosteer anywhere in the field.
- Automatically avoid the area that has been worked

when planning a path.



Paid to unlock this function





AUX-TURN Ω OR FISHTAIL SHAPES

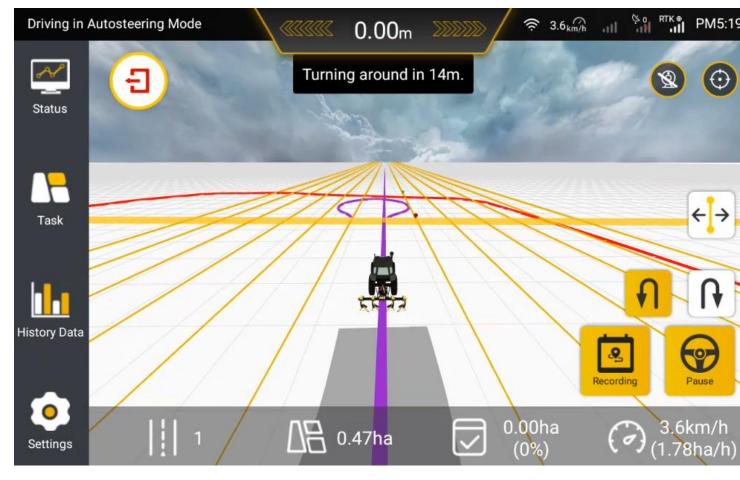
One press away from auto turn at the headland with Ω or fishtail

shapes for you to choose from.

Works with fields of all shapes.

3 Steps to Start AUX-Turn:

- Mark the field boundaries 1.
- 2. Turn on AUX-Turn
- 3. Confirm the direction: left or right.





*Paid to unlock this function









A+ GUIDANCE LINE

Create an AB line in a more efficient manner in both fast

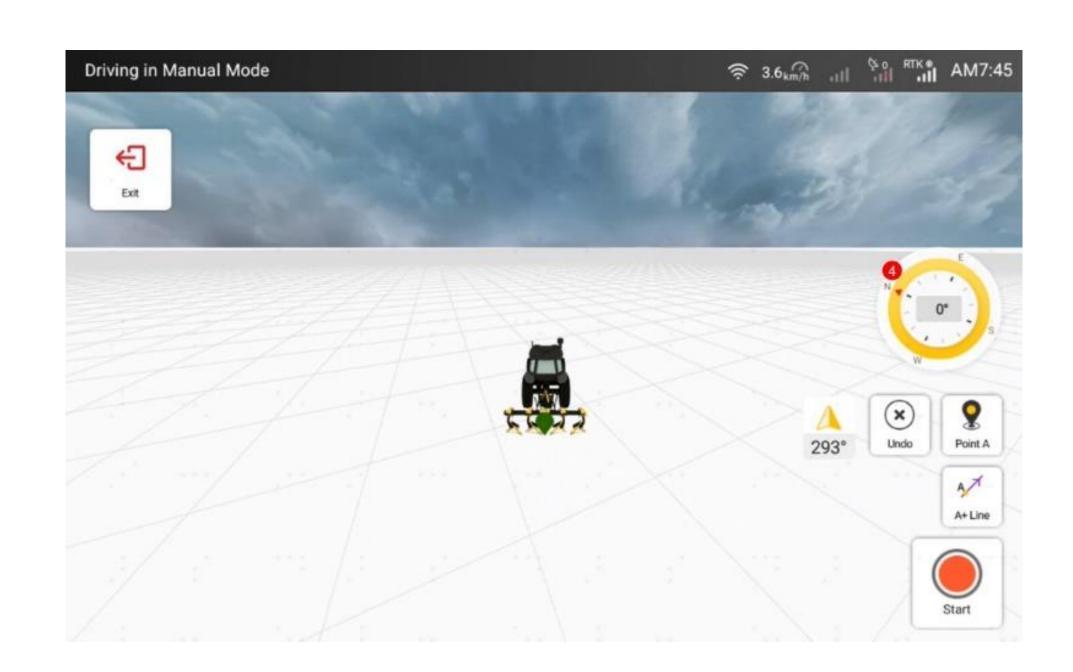
mode and advanced mode.

Instead of driving your tractor from point A to Point ullet

B to create an AB line, you can now create a straight

guidance line with Point A (where your tractor is)

and an angle.



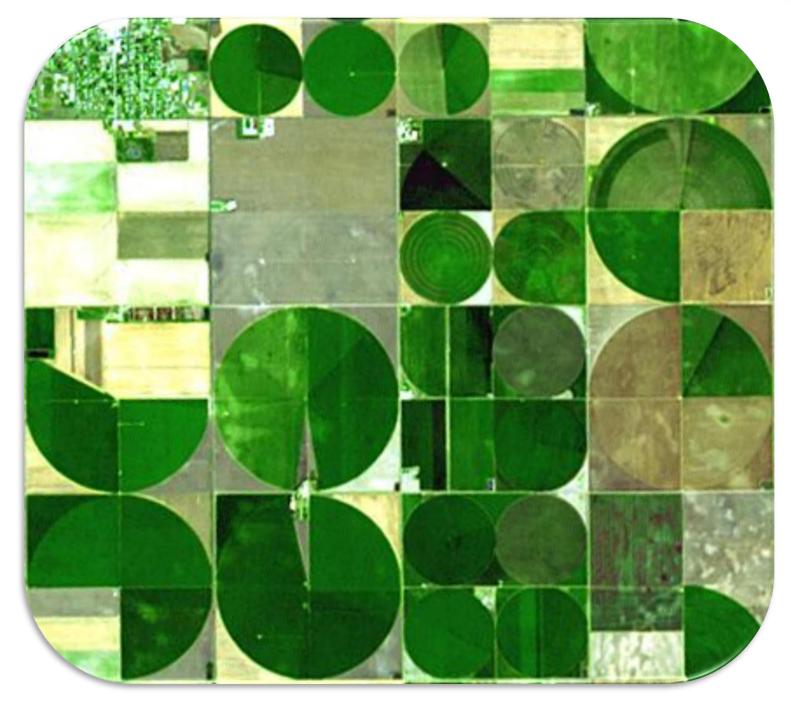


PIVOT

Point A and B to create guidance line for center-pivot irrigation

field.

- Just follow the wheel marks of the irrigator to points A and B to confirm the guidance line that best suits the field to make full use of irrigation water.
- No need to set the center of the circle or point 3 points, more user-friendly and accurate.









ISOBUS UNIVERSAL TERMINAL

The UT is a plug-and-play user interface for any ISOBUS-

compatible implement, visualizing data from the implement

and allowing the user to check and control the implement from

FJD's control terminal.





*VT is free to unlock for FJD users. We have already released it for test.

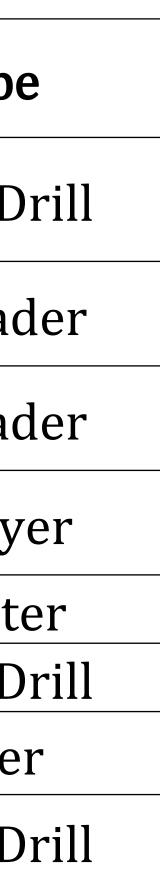


ISOBUS UT COMPATIBLE LIST

Brand/ Series	Тур
Horsch Pronto 3dc	Seed D
Kverneland exacta geospread	Spread
Kverneland exacta-CL EW	Spread
kverneland	Spray
CASE	Plant
Lemken Solitair 9D	Seed D
Krone BIGPACK 1270VC	Bale
Monosem B2	Seed D

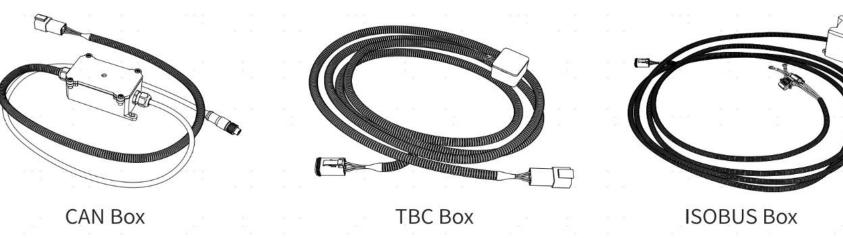
The list of compatible implements, as of Feb., 2023, will be continuously updated.





Hardware you'd need for ISOBUS:

- FJD ISOBUS cable kit
- FJD Autosteering Kit







ISOBUS TC-SC

Section Control: Automatically turns implement sections on and off

based on geographic and required overlap ratio.

Automatically switch on and off sections on the implement based •

on the real-time forward direction of implement and the operation

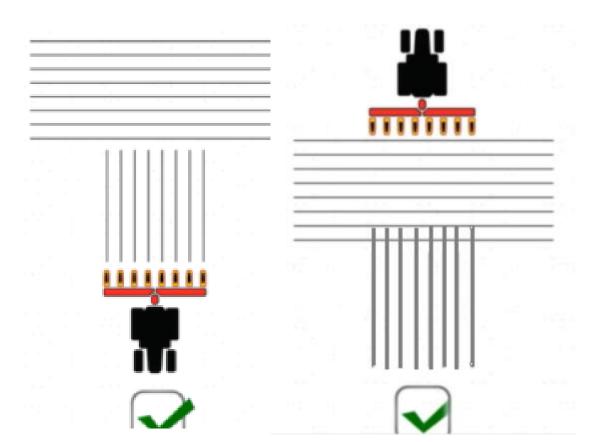
record to reduce product overlaps and skips in the field.

*paid to unlock this function Will be available in Q2 2023





Demo page of TC-SC



Scenario illustration

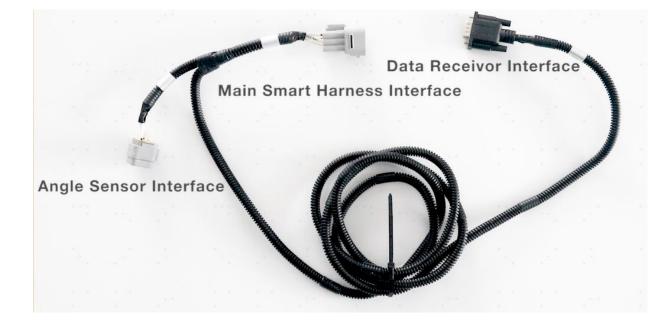
F6:44
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Set up
Rate
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Statistics
Statistics :ked
ked
ked

IMPLEMENT CONTROL NMEA & RADAR SPEED OUTPUT

NMEA: Provides accurate position and speed, supported by NMEA0183 protocol, from FJD's control terminal to the implement via a wiring harness (optional).

- The implement gains the tractor's speed, then automatically controls the operation speed, high speed, the fast sowing/fertilizing speed.
- The implement gains the tractor's real-time position so it knows which parts have been worked on and opens/shuts the section accordingly.
- Formats supported: GGA, VTG, HDT, ZDA, RMC and GST.

Radar speed output: Give access to allow the implement to get the speed of the tractor, then automatically control the operation speed, high speed, the fast sowing/fertilizing speed.



*For NMEA: Only works with NMEA-compatible implements.



*For radar speed output: Only works with radar speed output-compatible implements.





FARM MANAGEMENT INTERACTION BETWEEN FJD CONNECT AND AUTO STEER

Field Mapping: Drive your tractor along edges or map them out on FJD connect with clicks of your mouse. **Task Management**: Record and manage your field/farm activities. You can also create tasks, fields and guidance lines on **FJD Connect** and asign them to the autosteer. Task memory guides you to the spot where you left so you can pick up from there. Working Performance: Operation performance can be traced on the platform anytime for future reference.







*FJD Connect is available for any users for free for a year if he/she buys and starts using it in 2023.





BASIC FUNCTIONS GUIDANCE LINE

Guidance Line Mode: You can create straight, curved, and concentric circles via A+ and pivot modes.

Guidance Line Translation: Translate the guidance line by a fixed distance or to the current position (only for

AB straight-lines); For pivot, you could scale the guidance line by a fixed distance or to the current position.

Guidance Line Sync: Share guidance lines with multiple machines working in the same field.

Vehicle Trim: Adjust the vehicle to the left or right of the guidance line without shifting the guidance line.





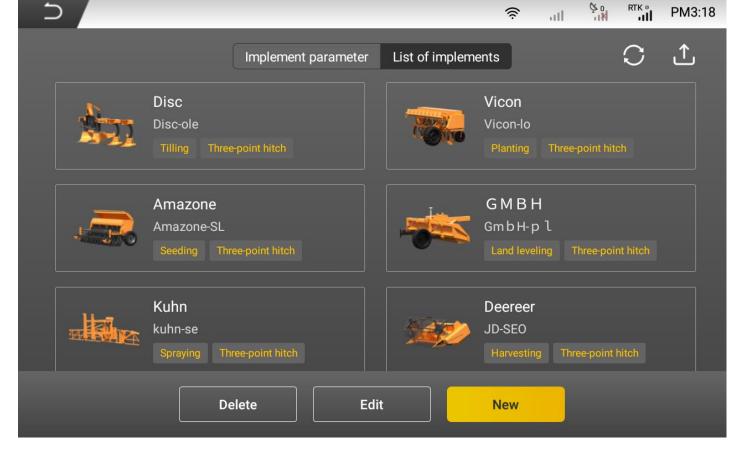
AGRICULTURAL MACHINERY LIBRARY VEHICLE AND IMPLEMENT

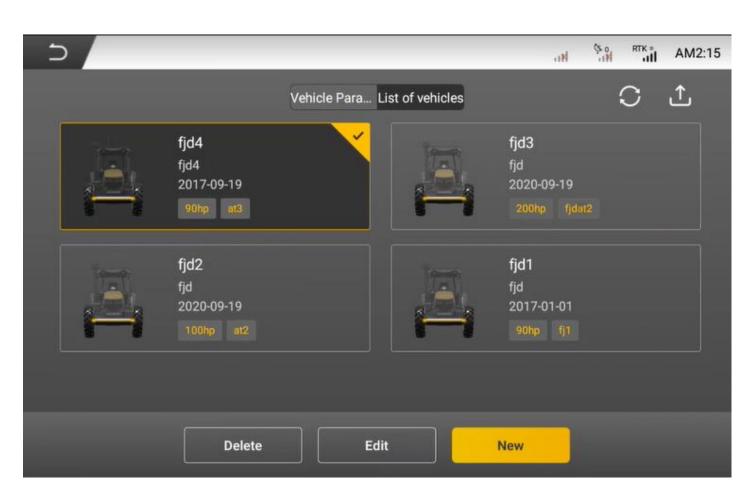
Implement and vehicle management (You can add 10

implements for free)

- Easy switch between operations with two clicks and you have all the data ready.
- Clear parameters for high precision navigation
- U-turn path planning at its highest efficiency
- *All data synched and stored in your personal account. (*Internet

connection required.)







UPGRADE METHODS OTA & USB FLASH DRIVE

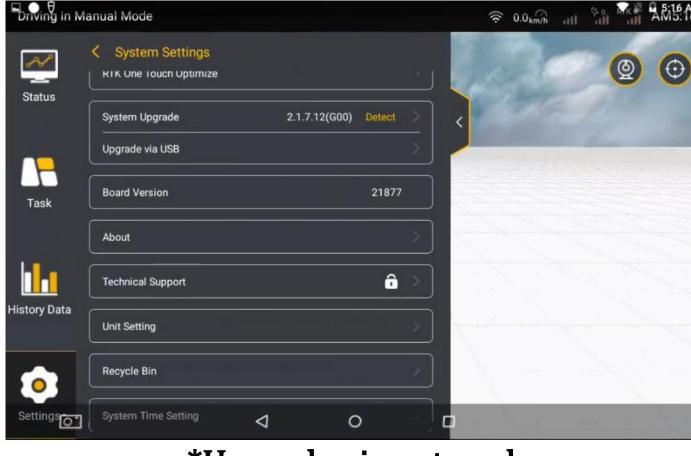
Upgrade via network: Tap the Upgrade button in the Settings to

boost your system to its latest;

Upgrade via USB C flash drive: Download the upgrade pakage

to a USB C flash drive and use it to upgrade the system when

you're nowhere near internet access.



*Upgrade via network

Status	System Settings		Upgrade via USB			
Status	System Upgrade 2.1.7.12(G00)) Detect	Local File:	Version:9.1.19.5	7 APP version:2.1.7.12(0	
	Upgrade via USB		USB_DISK)		
	Board Version	21877		0TA_V9.1.19.23.zip		
Task		210//	→ 0	OTA_V9.1.19.25.zip		
	About	×	- B	OTA_V9.1.19.26.zip		
1.				OTA_V9.1.19.27.zip		
	Technical Support	ô>		OTA_V9.1.19.28.zip		
History Data				OTA_V9.1.19.29.zip		
	Unit Setting			0TA_V9.1.19.02.zip		
	Recycle Bin			0TA_V9.1.19.03.zip		
0			10 A	0TA_V9.1.19.04.zip		
	What's New:					
Local File:	1. Add USB firsth drive upgrade function. 2. Optimize the upgrade success rate.	1:2.1.7.12(G	Iok包	Prompt	'e	
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1	Modules to Upgrade:		то 🔝		24. S.	
and the second second	ECU: 2.1.5.1 🗸 RTK: 2.1.4.3		то 🚺			
	O IMU: 2.0.7.1 O EM: 1.1.7		то 🖬	Cancel	ОК	
	Cancel		0TA_V9.1	.19.27.zip		
1. S.	UTA_V9.1.19.03.zip		M OTA_V9.1	.19.28.zip		
		*Upgrad	le via U	SB		









SAFE DRIVING **MANUAL INTERVENTION & ALERT**

In case of emergency, you can deactivate the auto steer mode in 2 ways:

• Hold the steering wheel for 1.5s, then turn the steering wheel against its current turning

direction.

Directly turn the steering wheel (* turn in the opposite to the direction of the auto steering). ullet

turn.



Alerts: A warning will be prompted when you approach the headland/travels too fast/needs to

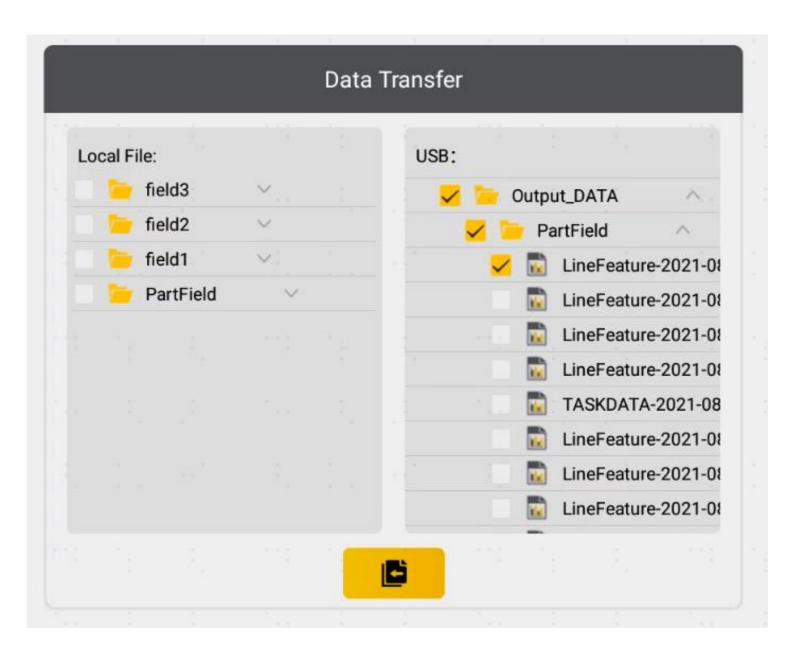


DATA TRANSFER GIS INFORMATION

Transfer field, boundary and guidance line data:

- Record operations' detailed info and transfer it between machines.
- Import boundaries and guidance lines that you generate ulletwith a third-party tool to our system via a USB C flash

dirve or online.



.SHP (SHX/DBF/SHP) and .ISOXML supported



SPECIAL OPERATING SCENARIOS LOW-SPEED & TERRAIN COMPENSATION

Low-speed: High-precision operation at a minimum speed of

0.018Km/h. Ideal for planting potatoes, sugarcane, and

vegetables.

Terrain Compensation: Works on pitches of up to 35° and a

roll as sloped as 30 $^\circ\,$. Accuracy guaranteed even when the

tractor has to drive on slopes.



*Requires a hall angle sensor. (Sold separately)



*Please exercise extra caution when driving a small tractor on slopes.







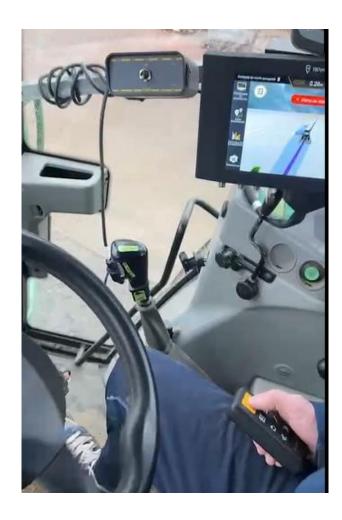
OPTIONAL ACCESSORIES













FJD EASY COTROL

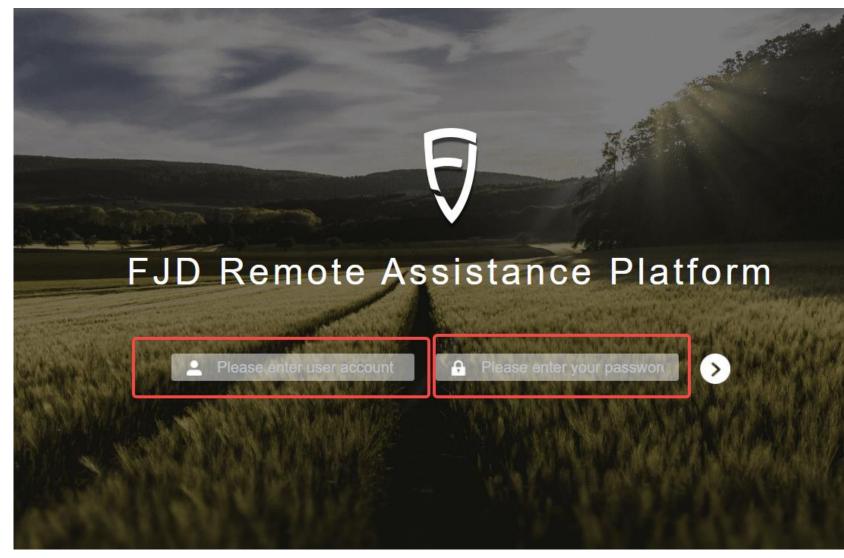
WIRELESS KEYPAD



FJD REMOTE ASSISTANCE PLATFORM

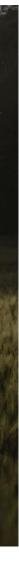
Remote Support: Improves uptime through real-time technical

support.



*Free to open for FJD Resellers







CREATE FOR A BETTER WORLD

