

04

Product-level
function expansion >>>

Users can match different functional modules to realize a variety of product-level functional expansion.
A machine is can be used for multi-purpose, which saves the input cost of operation equipment and the space occupied by the car body.



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System configuration >>>

Design features	Highly integrated, modular design
Satellite antenna scheme	Support single antenna or dual antenna schemes
Steering control type	Support motor steering wheel control or hydraulic control
Operating accuracy	±1.5cm/km
Operating speed range	0.1-30km/h
Characteristic functions	Position marking, real map operation, quick adjustment of handover line, reset point B, smart voice prompt, remote control, farm tool control, plot network sharing, one-click U-turn
Operation mode	AB straight line, parallel curve, diagonal rake, circular operation, rotary operation
Model adaptation	Roller tractors, crawler tractors, hinged tractors, harvesters, transplanter, green storage machines and plant protection machinery.
Adaptation of operation type	Ridging operation, sowing operation, film mulching operation, intertillage operation, harvesting operation, ditching operation, and plant protection operation.
Adaptation of operation scenario	Hard land scene, soft land scenario, sandy land scenario, sloping land scenario and compound scenario
System extensibility	Support the expansion of satellite leveling system, operation monitoring system, rice transplanter automatic driving system, agricultural machinery unmanned driving system, and multi-purpose portable charger



Create a tool assisting in production
in the era of smart agriculture



Beidou Navigation
Autopilot System for
Agricultural Machinery

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Aauto Quicker Short

Product Introduction

The new generation of Beidou navigation agricultural machinery autopilot system of Huida Tech is a brand-new agricultural machinery autopilot system developed based on the traditional advantages of Huida field precision agriculture and many years of industry experience. Modular design scheme is applied to the system, which provides excellent adaptability for all types of agricultural machinery and meets the use requirements under various operation scenarios. In addition, the system has rich expansibility, which can synchronously realize various product-level applications such as satellite leveling system and operation monitoring system, and provide users with multi-dimensional integrated product solutions.

The operating accuracy of the system is 1.5cm/km, and the working speed range is 0.1-30km/h.

Motor steering wheel

Design features:

- Ultra-thin fuselage design
- Customized steering wheel, with comfortable operation
- High performance movement, with low noise and better heat dissipation
- Support manual intervention

Intelligent navigation terminal

Internal integration:

- 10-inch HD touch screen
- Driving controller
- Beidou/GNSS high-precision positioning board
- 4G Netcom Network Module
- Vehicle gauge level processor

GNSS antenna

Gyroscope angle sensor

Vehicle body attitude sensor

Portable base station

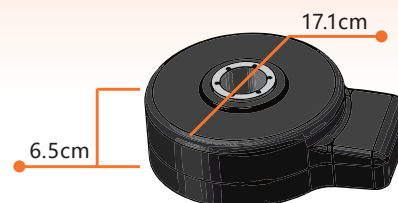
01 Equipment should be light for easy installation



- 01** Antenna volume is reduced by 60%, and the roof space is saved by 70%



- 03** Wire harness weight is reduced by 86%, the body space is saved by 75%



- 02** Ultra-lightweight motor, original vehicle driving experience



- 04** Pre-assembly of structural parts, eliminate on-site assembly



It is equivalent to a round trip on a straight line with a length of 15m

15m

Open field

Trivial process

Professional operation

- 05** One-step system verification

02 Rise the use experience to a higher level

Simple mode

Large font, minimalist interaction, with simplest operation.



Quick adjustment of hand-over line

Carry out adjustment at any time during the operation, and take effect immediately after continuing the operation, without interrupting the operation, it is not necessary to carry out commissioning on site and repeated measurement



Huida three-dimensional signal solution

A charger can make it work all day



HD201 Portable Mobile Base Station



Satellite/ground integrated difference technology



DSDS switching

03 Sincerity service is on your side

Mobile phone APP provides **all-round** remote devicediagnosis and debugging

7x24-hour service hotline: **400-888-0787**, with professional and technicians calling back

National **100+** self-built service station manufacturers serve directly to users

Senior engineer team of sincerity service **support** farming busy hours in a **mobile** manner