



HUIDA 408 AUTOPILOT STEERING SYSTEM

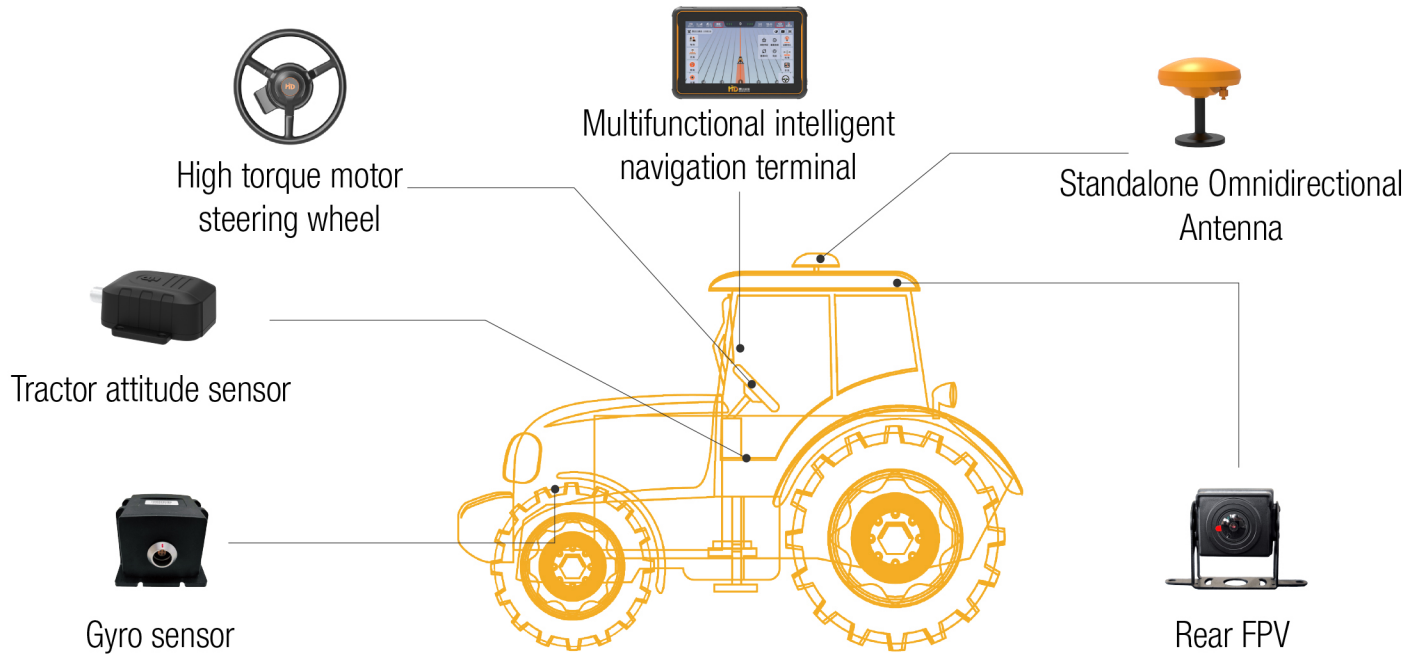
Leading sales of the industry, improving agricultural efficiency, reducing burden

Huida agricultural automatic pilot system through high-precision positioning, inertial navigation and automatic control technology. Improve operation accuracy, efficiency, land utilization reduce manpower requirements and cost saving , It is widely used in ridging, plowing spraying pesticides, and sowing, which can significantly improve output and economic benefits



HUIDA 408 AGRICULTURAL AUTOPILOT STEERING SYSTEM

Perceive vehicle attitude through high-precision satellite positioning and body attitude sensor, provide high-precision vehicle position and attitude information for the system, control vehicle steering through high-torque electric steering wheel, and control vehicle to drive along the planned path, control accuracy $\leq 1.5\text{cm}$.



01

CONTINUOUS WORK

Unrestricted by visibility, continuous work, improving the efficiency of agricultural machinery operations

03

REDUCE LABOR INTENSITY

Excessively reduce the attention on the forward path, and have more energy to pay attention to the operating status of agricultural machinery

02

RAISE THE EFFICIENCY OF THE LANDING USE

Intelligent planning of operation paths, centimeter-level precision control, reducing heavy and missed tillage, and maximizing land utilization.

04

REDUCE LABOR REQUIREMENTS

Lower the driver's technical threshold and improve the quality of work

APPLICATIONS



MORE

SYSTEM FEATURES

SIMPLE	Easy to install, Easy to use, Easy to operate,
MULTIPLE MODELS	Compatible with mainstream brands such as tractors, rice transplanters, harvesters, and sprayers. Customize for other brand.
MULTI-SIGNAL	Compatible with Beidou, GPS, GLONASS, Galileo and other mainstream positioning satellites, stable and reliable
MULTI ENVIRONMENT	Hard ground, soft ground, sandy ground, slope ground, composite scene
MULTIMODAL	AB straight line, parallel curve, diagonal harrowing, circular operation, back type operation
MULTIFUNCTION	Position mark, real scene map operation, quick adjustment of handover line, reset point B, intelligent voice prompt, remote control control, farm tool control, plot network sharing, one-key U-turn, restoration of AB line, network diagnosis

ADVANTAGE



INDEPENDENT R&D AND PRODUCTION

Adding simple components to the reserved interface can realize satellite leveling, intelligent spraying, operation supervision and other functions, and the software supports online update



BUILT-IN RADIO STATION

Can be used with a variety of base station modes, network base station, mobile base station, fixed base station, CORS and other modes



HIGHLY INTEGRATED

Structural parts are pre-installed , no on-site assembly is required, less wiring harness, small size, no space occupation, efficient, convenient.



SOFTWARE FEATURES

Interconnected plots,row spacing , realistic maps, capacity for continuous improvement and optimization



INDUSTRIAL DESIGN

IP67. Dustproof and waterproof grade car-grade processor can ensure normal operation in harsh environments



SYSTEM EXPANSION



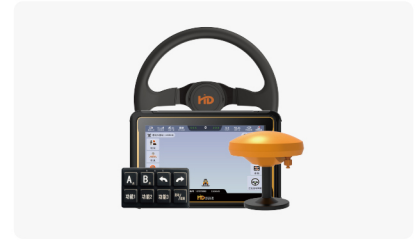
• SATELLITE FLAT EARTH SYSTEM

Standard farmland construction
Soil Erosion Restoration
Slope-Terrace Reconstruction



• OPERATION MONITORING SYSTEM

Operation Depth Monitoring
Operating Area Statistics
Vehicle and Equipment Management



• RICE TRANSPLANTER AUTOPILOT STEERING SYSTEM

Convenient control panel
Turn around with one key on the ground
Reduce the number of people on board



• HUIDA MAPPER

Laser marking, position marking
Temperature and humidity monitoring,
convenient distance measurement
Navigation remote control, LED lighting



• BASE STATION

Universal for Huida products
Mobile/fixed optional, maximum signal coverage of 35 kilometers
Networks, satellites, radio stations, as carriers can accept signals

PARAMETERS

GNSS ANTENNA

Frequency Range:

BDS B1/B2,
GPS L1/L2,
GLONASS L1/L2

Satellite receiving antenna type:

Single antenna
Dual antenna

HD 408 AUTOPILOT STEERING SYSTEM

Working accuracy: $\pm 1.5\text{cm/km}$

Velocity range: 0.1-30km/h

ELECTRIC STEERING WHEEL

Rated torque: 7N.m

Peak torque: $14 \pm 2\text{N.m}$

Working voltage: 9V~18V DC

VEHICLE DISPLAY AND CONTROL TERMINAL

Size: 281mm*187mm*48mm

Input voltage: DC 6.5-36V

Resolution: 1024*600

Working temperature: -20 -70°C

Screen: 10.1-inch LCD screen

Protection class: IP67

Communication: 4G/3G/2G/WIFI



WeChat public account



Kuaishou short video

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