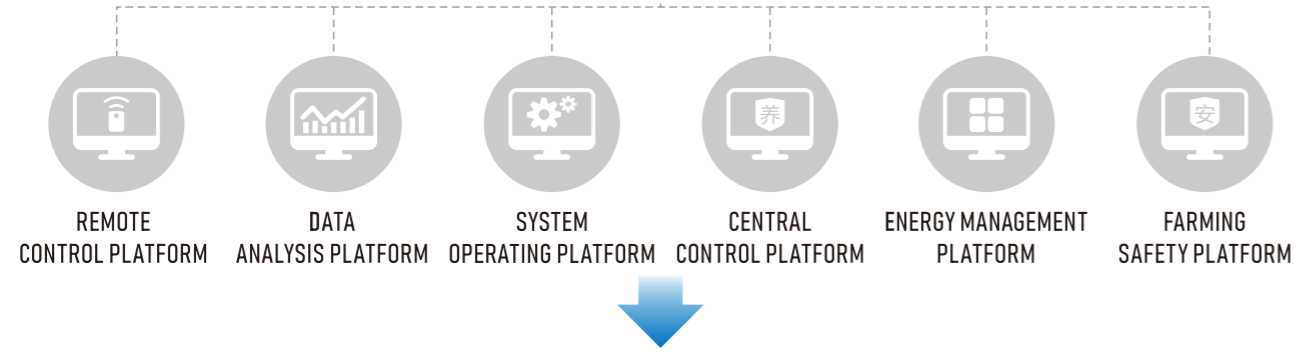




### DIGITIZING CLOUD SERVICE PLATFORM



### APPLICATION TERMINALS (Data center, monitoring screen, computer, pad, mobile phone)

POUL TECH is dedicated to empower intelligent farming for poultry enterprises with one-stop solution to integrate all sections for cost-efficient benefits. Doing more with less for sustainable growth!

SERVICE SYSTEM					
One-Stop Customized Farming Solutions	Farm Site Selection Layout Plan	Farming Skills Training Remote Consultation	Professional After-Sale Service 24-hour Service Hotline	Tracking & Survey	Online Technical Training

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The Forerunner and Pioneer of Digitizing Farm Management  
 The Provider of Digitizing Farming System Service



## INTELLIGENT CHICKEN CATCHING ROBOT FOR CHICKEN HOUSES

The innovative choice for the livestock industry

# INTELLIGENT CHICKEN CATCHING ROBOT FOR CHICKEN HOUSES



In modern large-scale chicken farms, efficiency and safety are key to production. We are proud to introduce the intelligent chicken-catching robot—the revolutionary choice for the poultry industry. This robot consists of three core components: an AGV navigation system ensures smooth movement, the central lifting structure can adjust height to accommodate equipment of varying heights, and the robotic arm performs tasks with precision. The robot incorporates advanced sensors and spatial vision recognition technology to precisely localize and capture chickens, enabling a fully automated workflow from catch to sorting. Unlike traditional manual chicken catching methods, the intelligent robot drastically reduces labor requirements, and minimizes disturbance to the chicken flock. Let the intelligent chicken-catching robot lead your poultry farm toward a high-efficiency, digital future.

## SOLVING TOUGH PROBLEMS

1

In some regions, human resource shortages have become a bottleneck restricting the development of the livestock industry. Intelligent chicken-catching robots can fill this gap, reduce reliance on human resources, and ensure the normal operation of livestock farms.

2

Traditional manual work is inefficient and labor-intensive in the process of catching chickens and sorting. The intelligent chicken catching robot can greatly improve work efficiency and reduce labor input through automated flow, so that the farm staff can focus on other more important tasks.

3

Manual chicken catching may cause significant disturbances to the flock, affecting their health and welfare. Intelligent chicken catching robots, through precise positioning and grasping technology, can minimize interference with the flock, maintain stable conditions, and facilitate normal operations in poultry farms.

4

The introduction of intelligent chicken catching robot is helpful to realize the digital management of the farm. Through the collection and analysis of data, the farming equipment process can be optimized, production efficiency can be improved, feed waste and disease incidence can be reduced, so as to increase the economic benefits of the farm.

5

The requirements and conditions of poultry farms may vary with time and seasons. The intelligent chicken catching robot, through its adjustable lifting structure and flexible operation mode, can adapt to different equipment and needs, improving adaptability and flexibility.

## PRODUCT FEATURES

### HIGHLY AUTOMATED

The robot enables a fully automated process from chicken catching to sorting, reducing the need for manual labor.

### REDUCE LABOR INTENSITY

Compared to traditional manual labor, intelligent chicken-catching robots can significantly reduce manpower requirements, lower labor intensity, and allow farm workers to focus on other more important tasks.

### THE AGV NAVIGATION SYSTEM

The AGV navigation system ensures seamless movement of the robot across the chicken farm, adapting to different terrains and environments, thereby enhancing stability and safety.

### ADJUSTABLE LIFTING STRUCTURE

The lifting structure in the middle allows the robot to adjust to different heights of equipment or requirements, increasing the robot's adaptability and flexibility.

### MINIMIZE DISTURBANCE TO THE FLOCK

Through intelligent and automated operations, robots can minimize disturbance to the flock, which is beneficial for maintaining the health and welfare of the chickens.

### PRECISE POSITIONING AND GRABBING

Using cutting-edge sensors and spatial vision recognition technology, it can accurately locate chickens and flexibly grasp them with a mechanical arm, ensuring operational accuracy and efficiency.

### DIGITAL MANAGEMENT

The introduction of intelligent chicken-catching robots helps chicken farms achieve digital management. Through data collection and analysis, the farming equipment process can be optimized to improve overall production efficiency.

### EASY TO OPERATE AND MAINTAIN

Robots should have a user-friendly interface and simple operation procedures so that staff can easily get started. At the same time, maintenance and upkeep should be convenient and quick to reduce maintenance costs.