



Scan the code to
see the e version

Farrowing house piglet care vehicle

SOP process for piglet care and data collection in the farrowing house. Fine management of the farrowing house, highly integrated, and doubled efficiency. Make piglet care smarter! Data collection made easier!



Contact us

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WeChat consultation

Introduction

Farrowing house piglet care vehicle

Weighing, ear tagging, tail docking, etc. of piglets in the farrowing room stage are processes in piglet care and are usually completed at the same time. Therefore, workers usually must carry more tools and materials to operate. Using traditional methods, workers need to change tools frequently during operation, and picking and placing tools will waste time and work efficiency. Therefore, if there is a trolley that can carry all the tools at one time, it will greatly improve the work efficiency and reduce the work intensity. The piglet care vehicle collects all the tools used in piglet care into a movable trolley, which greatly improves the work efficiency and reduce the work intensity.



The piglet care vehicle is mainly used by the on-site front-line farrowing room operators, which is cumbersome in the piglet postnatal care work, and a series of work needs to be assigned to multiple people or single people at different times. Coupled with the needs of breeding pig farms, it is necessary to register the birth weight of breeding pigs and generate individual information, and the piglet care vehicle in the farrowing room has formed a set of SOP starting from the concentration of pig catching, weighing the litter weight/individual weight, ear tags, tail docking, etc., and cooperating with the system to collect individual piglet information. The nursing vehicle platform can also be used as an operation platform for daily work such as centralized castration and white ball cleansing.

Why Farrowing Piglet Vehicle?

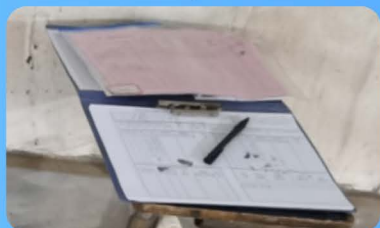
Pain points solved



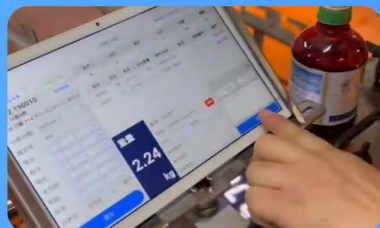
Traditional operation requires frequent tool replacement, with at least 2~3 people cooperating, which is time-consuming and labor-intensive



Integration of tooth cutting, tail docking, weighing, and data management, and needs only 1 person



The data records are chaotic, handwritten, not timely, and the authenticity cannot be guaranteed



Bluetooth connection to the tablet, data entry when working, worry-free data save, simultaneous data collection and piglet care.

Highlights

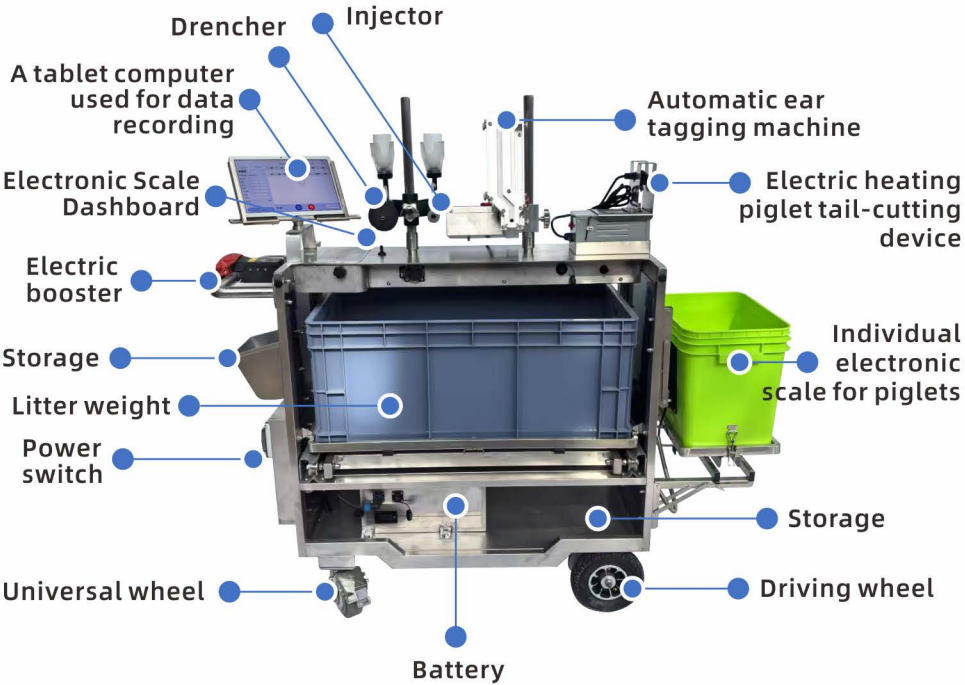
1. Highly integrated tools, realizing the standardization, intelligence and efficiency in the farrowing room.
2. Timely, accurate and convenient farrowing data collection improve the efficient data management level of pig farms.

Applicable scenarios

large-scale pig farms, breeding farms, and expansion farms; Piglet care in the farrowing room, piglet filing, and breeding pig traceability.



Configuration And Price



Configuration/version name	Basic version	High-end version	Top version
Retail price	¥ 25,000	¥ 35,000	¥ 45,000
Frame body (304 stainless steel, aluminum alloy)	✓	✓	✓
Chassis hollow storage compartment, electronic ear tag reading stick storage compartment	✓	✓	✓
Built-in battery (lithium iron phosphate, 1.3 kWh, power output 24W, 220V)	✓	✓	✓
Electronic weighing scale (including weight bucket + load cell)	✓	✓	✓
Nest-weight electronic scale (including nest-weight bucket + load cell)	✓	✓	✓
Bluetooth connectivity	✓	✓	✓
Compatible with 10-inch tablet (Android)	✓	✓	✓
360° rotating flat bracket	✓	✓	✓
Electric Tail Breaker (including 1 piece of cutter head)	✓	✓	✓
Electric boost	✓	✓	✓
External power supply (2 pcs, 220V)	✓	✓	✓
Individual identification	✗	✓	✓
Syringe	✗	✓	✓
Medication Injector	✗	✓	✓
Castrate	✗	✓	✓
Automatic ear tag machine	✗	✗	✓

Specification

Basic parameters

Size	Length 1272mm * width 400mm * height 850mm Length description: The length of the unfolded individual scale is 1272mm; The length of the individual scale is 90mm
Compatibility	Pig house aisle width: minimum 60cm
Curb weight	Basic version: 65kg High version & top version: 70kg
Material	304 stainless steel, aluminum alloy
Ground clearance	10cm
Storage compartment	Hollow lattice at the bottom

accumulator

Battery type	Lithium iron phosphate battery
Battery capacity	52AH, 1.3 kWh of electricity
Output power	500W
Power supply mode	220V power supply
Charging time	It takes 8 hours to fully charge
Battery life	If you work 8 hours continuously, if you work 3 hours a day, you can expect to use it for 7 days
Whether it is removable or not	Built-in battery, non-removable

Individual electric scale

Bearing	10kg, floating up and down $\pm 0.2g$
Connection	Bluetooth

Nest-weight scale

Bearing	120kg, up and down floating $\pm 1.5g$
Maximum number of heads	According to the average weight of 1.5kg/head, it can accommodate 16 heads
Connection	Bluetooth

Functional configuration

Electric power push	Standard
Electric Tail Breaker	Voltage: 220V50HZ; Power: 60W
Tail Pickup Blade	All copper nickel-plated V-type heating knife, working temperature: about 10 seconds will turn red to 600°C or above; Consumables, with a service life of about 3 months
10-inch flat panel	The matching tablet is Android
Piglet electronic ear tag reader	UHF for identifying piglet UHF ear tags
Automatic ear tag machine	Exclusive to the Top version

Portable experience

External power supply	2 pcs., 220V
360° swivel stand	Flat rotating stand x1, syringe holder x1, automatic ear tag holder x1

Packaging

Information	Production RV body x1, product manual x1, nest weight scale frame x1 individual scale frame x1, tool kit x1, tail breaker cutter head x1
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Warranty

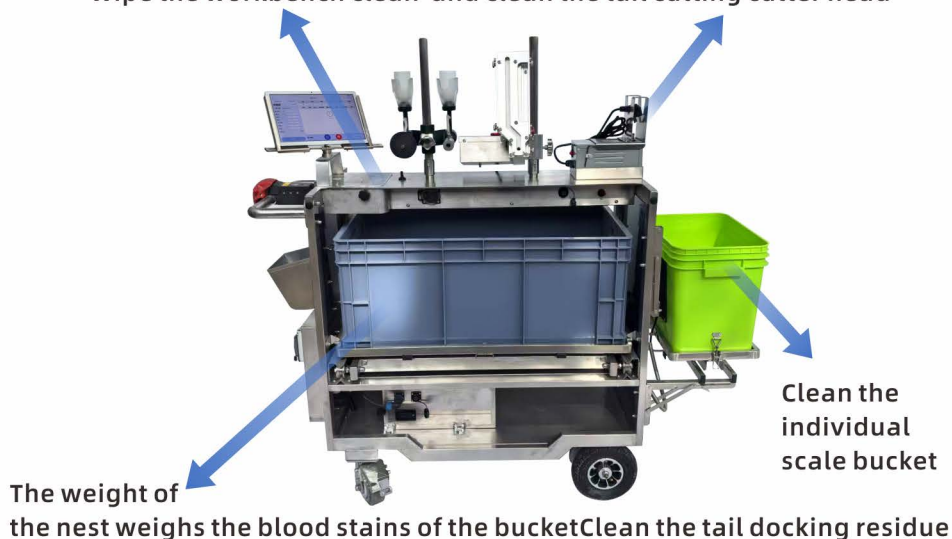
- Frame: 2yr
- Battery: 1yr
- Tail cutter: 1yr(not include tail blade)
- Automatic Ear Plier: 1Yr
- Scale: 1Yr

Maintenance And Maintenance

After daily use, wipe the device clean

If not used for a long time, wipe it clean and push it to a dry and ventilated place, and cover the equipment with a dust cover

Wipe the workbench clean and clean the tail cutting cutter head



Accessory



Electronic ear tag

¥ 4.5



Electronic tag reader

¥ 3400



Ultra-high frequency electronic ear tags

¥ 4.0



Ultra-high frequency Electronic tag reader

¥ 4500



Electronic tag for the pen

¥ 4.5



Weaned piglet weighing operation vehicle

¥ 18000



PDA

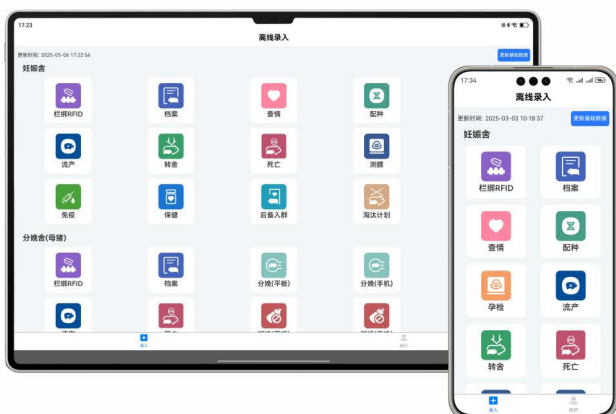
¥ 4500



Printer

¥ 8000

If you have used the Humu Cloud 3.0 Pig Farm Management System, please download the "HUMU Cloud 3.0 PDA" APP



Scan the code to
download Humu
Cloud 3.0PDA

1

Step 1: Before labor data collection, make sure the Bluetooth connection of the tablet, electronic label reader (Bluetooth stick), and electronic scale.



2

Step 2: Use the electronic tag reader to identify the slot tag or the sow's electronic ear tag to bring out the sow information. Or directly enter the ear number to query.



3

Step 3: Catch piglets, check the number of nipples, weigh the litter weight/weigh the individual (the APP automatically obtains the weight), and select the male/female in the tablet matching APP
Enter piglet information such as the number of nipples, and can also dock tails, ear tags, etc.



4

Step 4: Submit data, if there is no network or the network is relatively poor, you can save the data offline, and the tablet can be detached and directly taken back to the place where there is a network to submit the data.



Open Platform

If you do not use the Humu Cloud 3.0 Pig Farm Management System, please download the "Smart Humu" APP to obtain/dock the delivery data

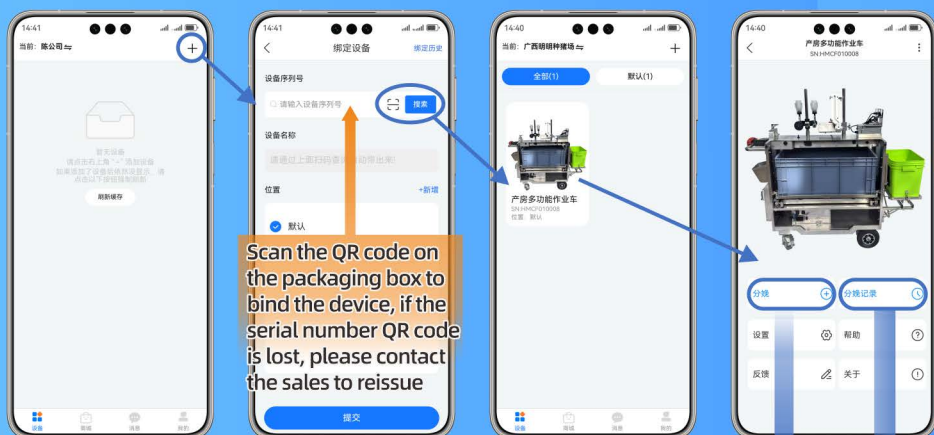
Smart Humu APP

When you purchase the HUMU intelligent device, you need to bind the device successfully, to make better use of the APP software function with the use of hardware, such as pregnancy test/fat measurement, etc. need APP to present the test screen, save and submit data, view and export data, etc.

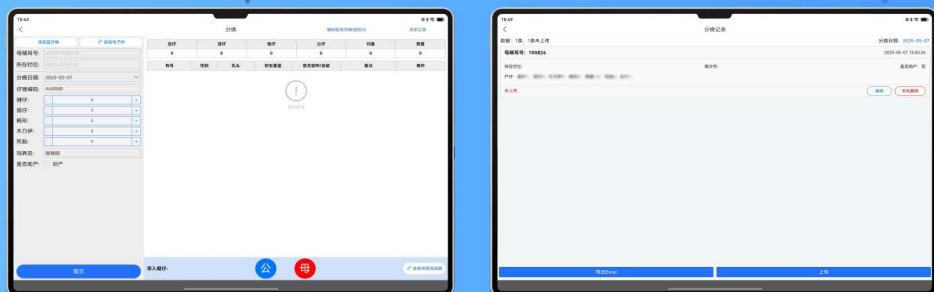


Scan the code to download APP

1 Step 1: Scan the code to download the "Smart Humu" APP and bind the device



2 Step 2: Show the delivery data and export it from the historical record to Excel



Data Connection



It has been connected to the "KFNets" breeding system, and the delivery data and weaning data collected by the piglet care vehicle and the weaning piglet operation vehicle in the mutual grazing farrowing room can be synchronized to the "KFNets" breeding system with one click from the mutual grazing cloud 3.0.



Obtain delivery data and weaning data from the API interface of the open platform of HuMu Cloud and embed it into your own production system. If there is a need for data docking, you can contact sales and arrange R&D docking.

Customer Case



SHANGHAI SUNSING Livestock Poultry Co.,Ltd. is located in Laogang Town, Pudong New Area, founded in 1998, after more than 20 years of dedicated development, has become an industry-leading professional breeding pig breeding company. At present, the company is a national livestock and poultry seed industry formation enterprise, the first batch of national pig core breeding farms, the first batch of national breeding boar stations, the first batch of national animal disease purification and purification farms, the first batch of national compartment free from ASF, the deputy leader unit of the national pig joint breeding cooperation group, and the national key leading enterprise of agricultural industrialization.

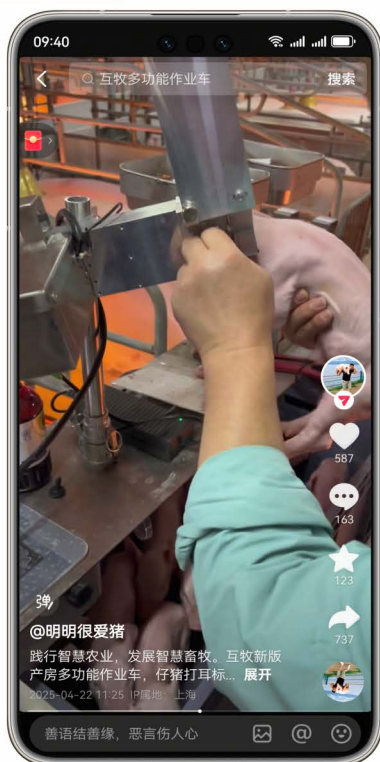
Since 2015, SUNSING has begun the research and development and application of HUMU Cloud IOT system in pig farms through cooperation with HUMU Technology, and IT engineers have gone deep into the front line of pig farm production, and after several years of perfect combination of software and hardware, they have carried out pig farm operation data collection, laying a solid data foundation for SUNSING's breeding work and enterprise decision-making. Nowadays, the HUMU cloud 3.0 pig farm management system has been widely used and promoted in SUNSING pig farm, and has achieved obvious results.

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