



Solar incubator

10 Management Systems

—————**Zhengzhou Lerfrod Machinery Equipment Co.,ltd.**

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PART 01

Product Introduction





Type



Integrated incubator



Three-purpose incubator



The Disparity of the Two Incubators



Three-purpose machine (hatching + hatching + other functions)

Function: usually refers to equipment with three functions of hatching, hatching and brooding. Some models may also include other extended functions (such as disinfection).

Space saving: suitable for small and medium-sized farmers, no need to purchase hatchers or brooding boxes separately.

Integrated incubator (special incubation equipment)

Function: dedicated to incubating eggs of poultry (such as chickens, ducks, geese, etc.) or special animals (such as ostriches, quails), providing necessary environment such as constant temperature, constant humidity, ventilation and automatic egg turning.

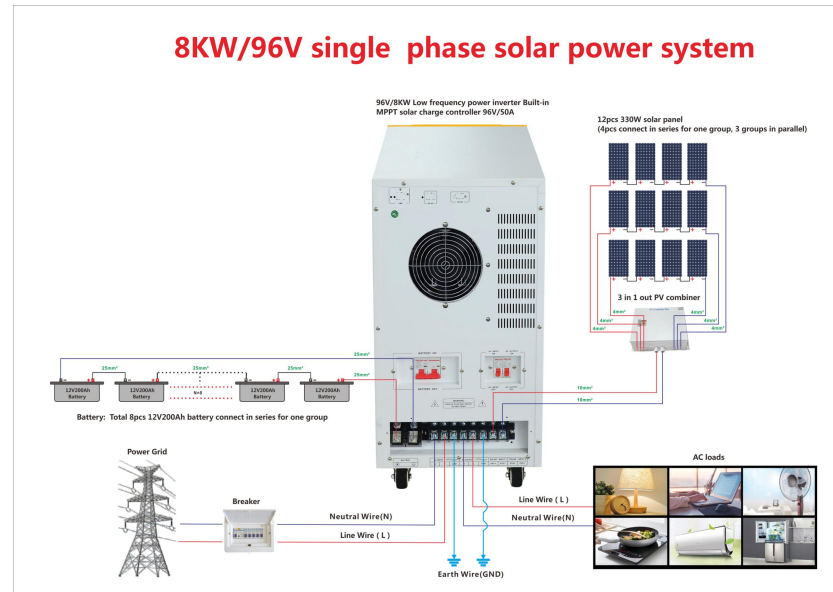
Single purpose: only used for incubation, no other functions included

PS: The three-in-one machine is more suitable for small and medium-sized users, while the all-in-one machine is suitable for lazy operation or limited space.

Solar Incubator



Our incubator is equipped with solar system which includes battery and solar panels.



The difference about our solar incubator:

The equipment adopts double digital screen and special multi-functional window to guide operation, providing functions convenient for consumers and more precise control to realize perfect automatic incubating process. It not only can intelligently control temperature, humidity, ventilation, regular egg rotation, various alarm, examination and error warning functions, but also has one button to control the whole process, really realizing full automation. If the solar energy storage battery is not enough, it is automatically converted to the city electricity, which is convenient for energy saving.

Size



Model	chicken egg (pcs)	Duck eggs(pcs)	Goose eggs (pcs)	Dove eggs (pcs)	emperatur e precision	voltage(v)	Power(w)	Weight(kg)	Unit size(cubic)	Factory Price (USD)
H	22528	16128	9216	28672	$\leq \pm 0.1$	220v	5000w	1400kg	18.5CBM	\$12,860
KFP	19712	14112	8064	25088	$\leq \pm 0.1$	220v	4300w	1300kg	16.5CBM	\$10,380
KFJ	16896	12096	6912	21504	$\leq \pm 0.1$	220v	3800w	1200kg	14.5CBM	\$9,380
KFC	14784	10584	6048	18816	$\leq \pm 0.1$	220v	3500w	1100kg	13.5CBM	\$8,900
KFA	12672	9072	5184	16128	$\leq \pm 0.1$	220v	3000w	1000kg	12.5CBM	\$8,300
KFE	10000	7066	4100	12500	$\leq \pm 0.1$	220v	2900w	700kg	10CBM	\$7,500
KFB	9856	7056	4032	12544	$\leq \pm 0.1$	220v	2900w	650kg	9.5CBM	\$6,850
KFD	8448	6048	3456	10752	$\leq \pm 0.1$	220v	2800w	600kg	8.5CBM	\$5,400
KFG	5280	3780	2160	6720	$\leq \pm 0.1$	220v	2000w	300kg	5.5CBM	\$3,800
KFM	4224	3024	1728	5376	$\leq \pm 0.1$	220v	1000w	200kg	3.9CBM	\$3,800
KFS	3168	2268	1296	4032	$\leq \pm 0.1$	220v	1000w	165kg	3.2CBM	\$3,490
KFL	2112	1512	832	2688	$\leq \pm 0.1$	220v	500w	115kg	2.5CBM	\$2,880
KFK	1232	882	504	1568	$\leq \pm 0.1$	220v	300w	70kg	2CBM	\$2,500
KFF	1056	756	432	1344	$\leq \pm 0.1$	220v	300w	65kg	1.5CBM	\$1,980
KFI	880	630	306	1120	$\leq \pm 0.1$	220v	300w	60kg	1.2CBM	\$1,680
ZX	528	378	192	1326	$\leq \pm 0.1$	220v	300w	59kg	0.76CBM	\$1,380





• Application



Applicable Voltage	220V-240V/50HZ
Working Environment	22°C-26°C/40%RH-50%RH
The Function of the Product	Poultry Egg Hatching
Application	Chicken,Duck, Goose,Turkey, Pigeon, Quail, Pheasant,Peacock,Ostrich and other birds' eggs.
Application Place	Large,Medium and Small Hatchery, Self-employed, Home, School Laboratory, Research site,Science Education, etc





• The Details of the Machine:



01

Automatic egg turning

The egg-turning machine is strong and durable, the travel switch is accurately controlled, and the speed of the chain-type egg-turning system is uniform and stable, which does not damage the eggs.

02

Circulating air system

The machine air duct circulates the ventilation system to ensure air circulation in the box and hatching efficiency.



• The Details of the Machine:



03

Humidifying water tray

Automatic water supply, automatic stop when the water is full, automatic humidification of the water pan, anti drying of the pipe, and the heating system is equipped with a temperature alarm device.

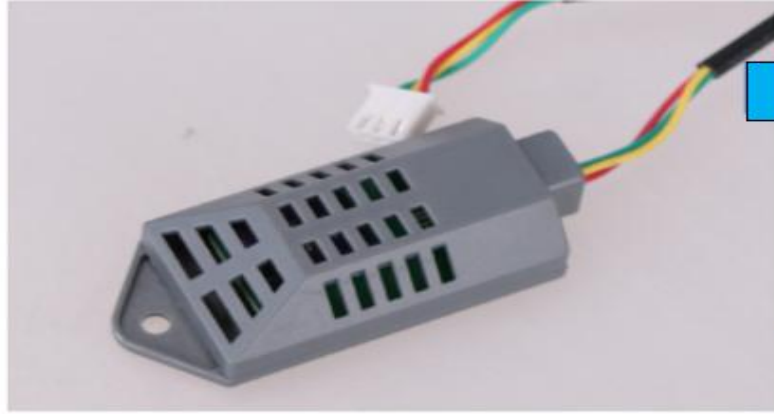
04

Uniform temperature fan

The heating pipe is used for continuous heating, and the heat is evenly transmitted to the box through the uniform temperature fan to heat the eggs evenly.



• The Details of the Machine:



05

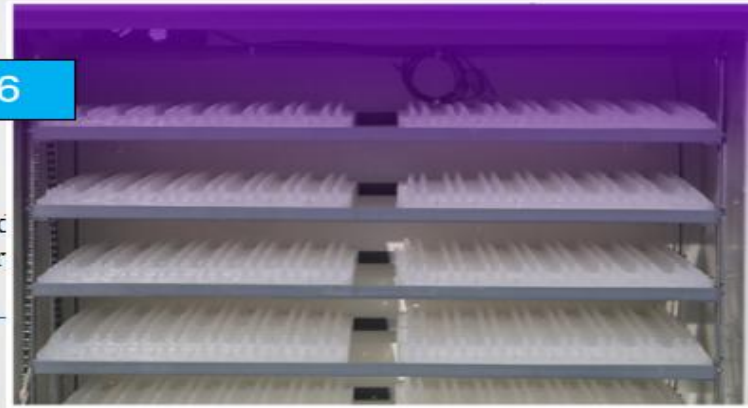
Temperature and humidity probe

The temperature sensor detects the temperature and humidity sensors and displays them clearly on the controller. All data are intuitive and accurate.

06

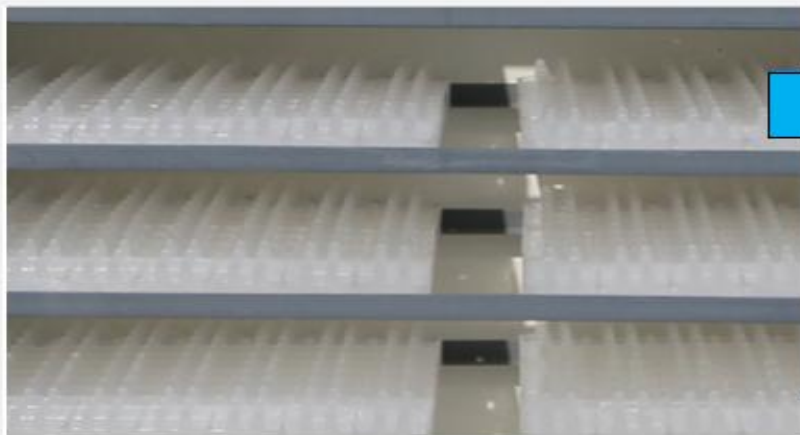
Ultraviolet disinfection

The cabinet is equipped with ultraviolet disinfection bulb, which can disinfect the eggs and cabinet during hatching, so as to avoid unnecessary bacterial nuisance.





• The Details of the Machine:



07

Egg tray and egg rack

The size of our egg plate shell is customized according to different kinds of eggs, and the hatching quantity is clearly visible, which can be selected according to our actual needs.

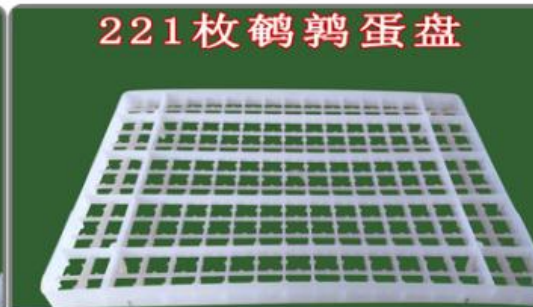
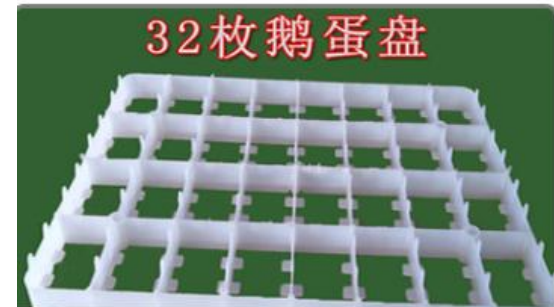
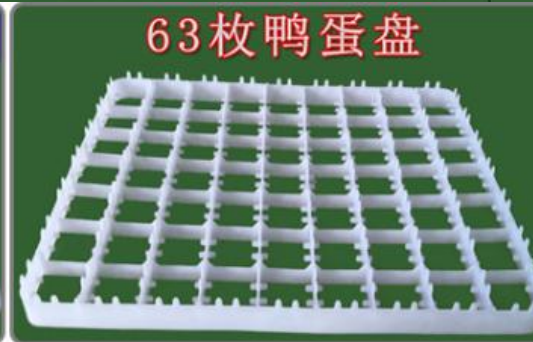
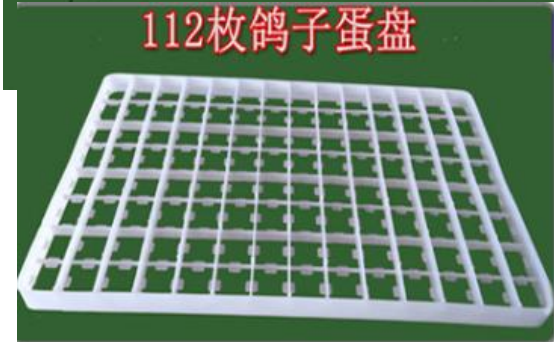
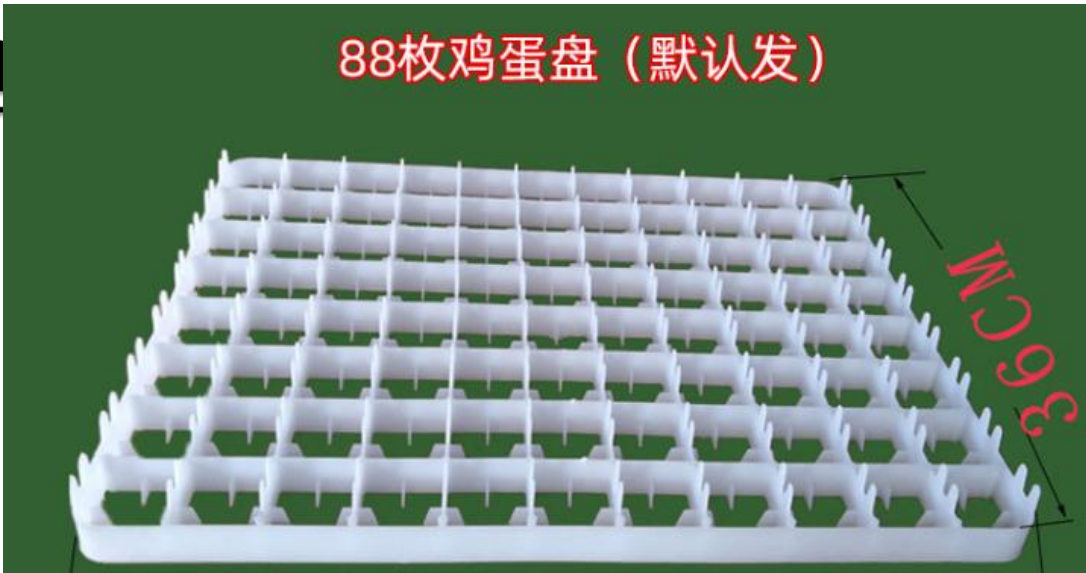
08

Visual observation window

A visual observation window is designed on the machine cabin door, which can understand the hatching situation without opening the cabin door, which is more convenient to use.



• Th



line:



Conventional models: 90%

Special models: 10%

Note: Please note before placing an order, you can get a set of egg tray for free.

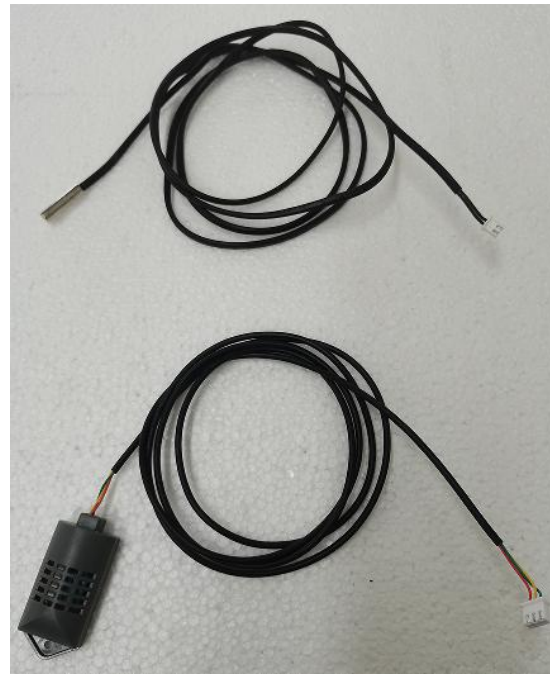




- **Consumable parts:**



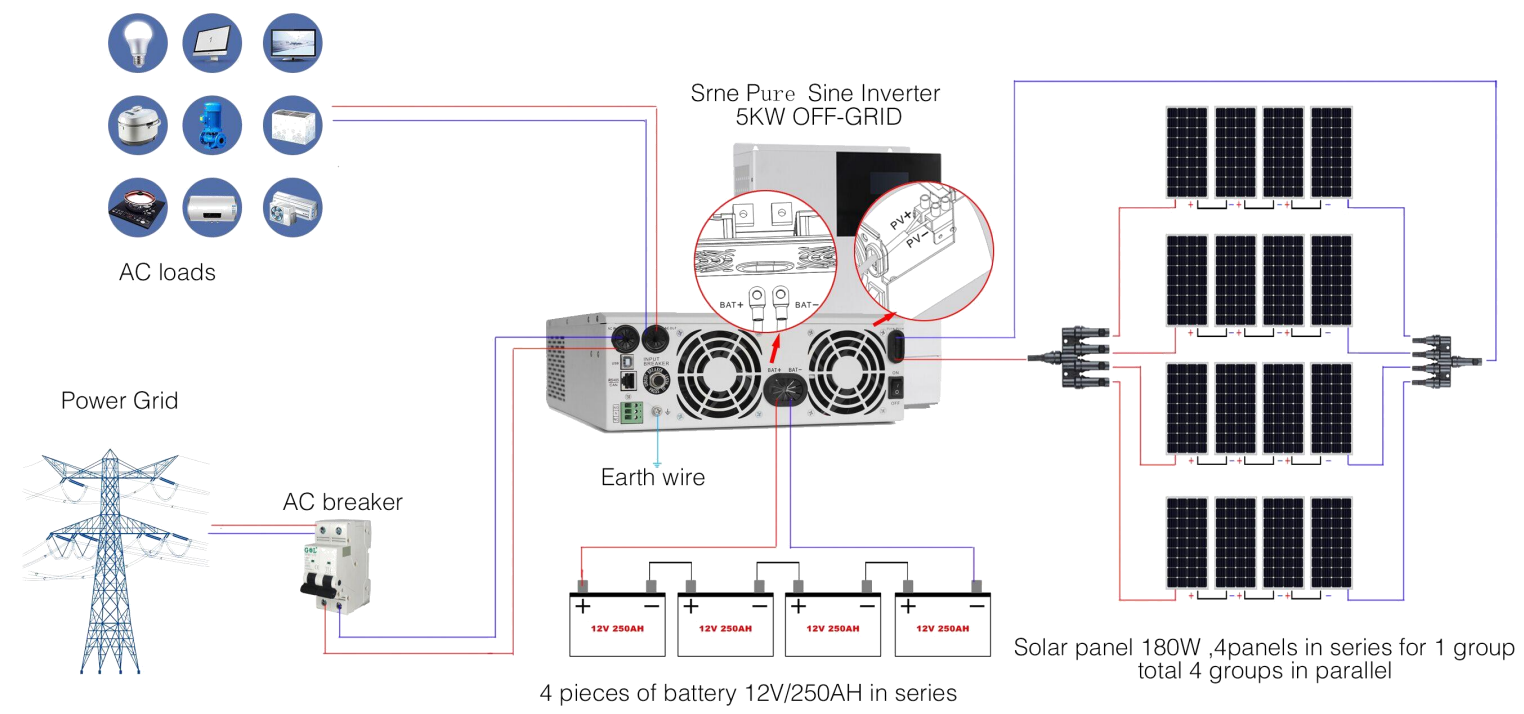
Constant temperature fan



Temperature and humidity sensor



• Solar System:

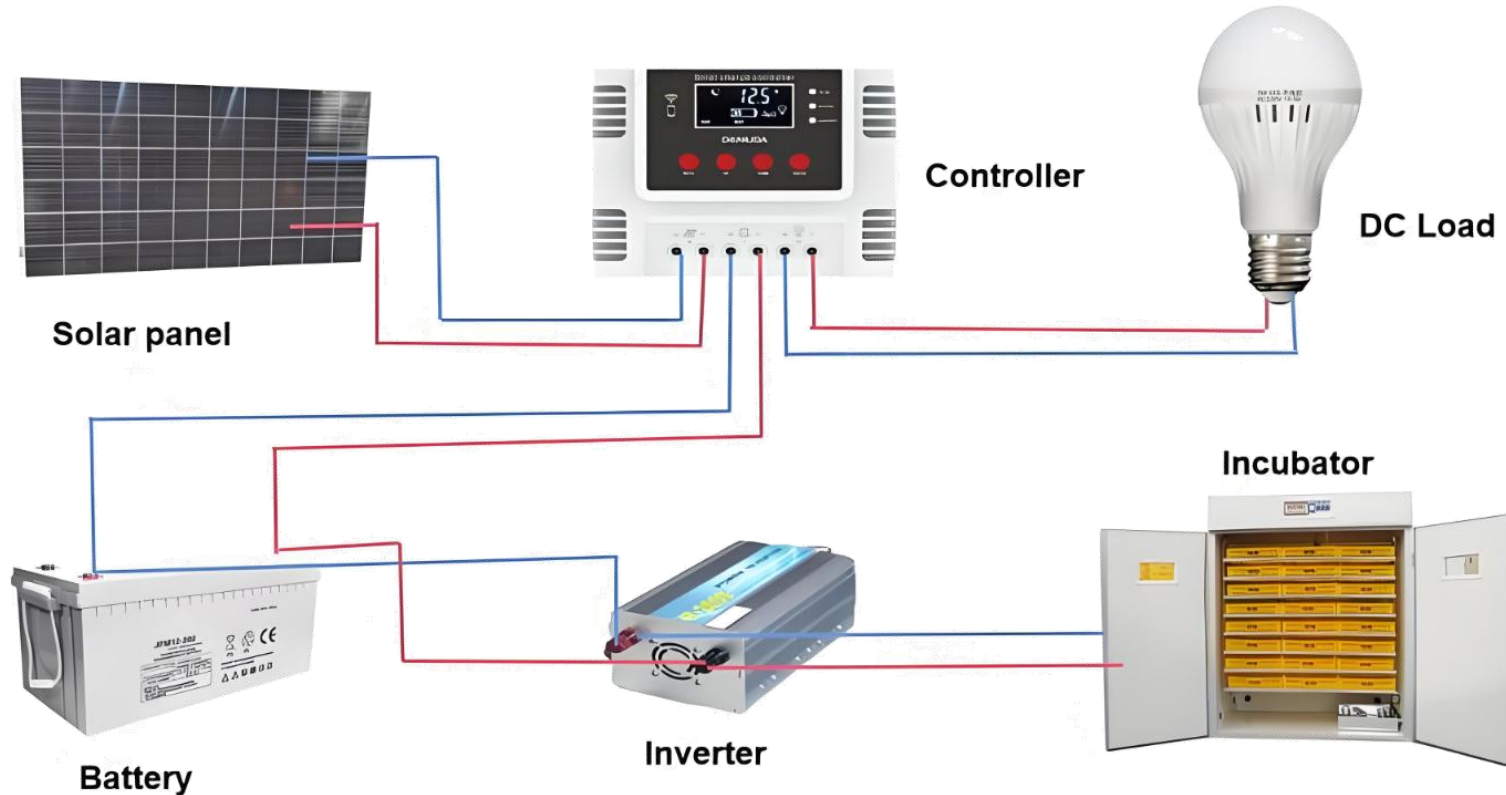


Component 01

Composed of solar panel, solar inverter, solar cell, connector, coil, solar panel bracket, incubator, illuminating egg lamp, ultraviolet disinfection lamp. It is controlled by microcomputer



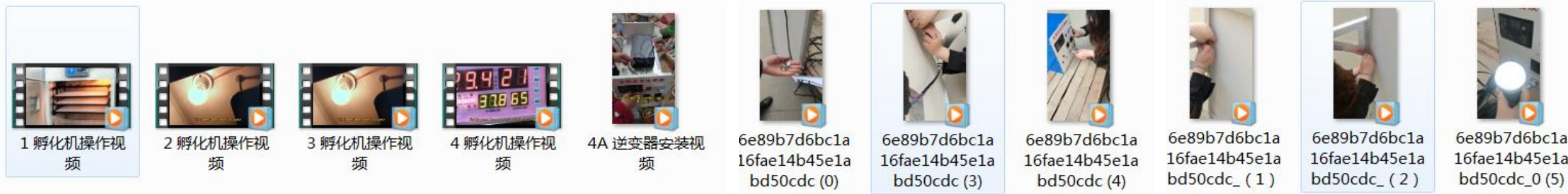
• The Advantages of the Machine:



- Advantages:
1. Energy saving and environmental protection, reducing operating costs. When there is sufficient sunlight, there is almost no additional energy cost, and long-term use can greatly reduce the hatching cost.
 2. No need to connect to the power grid, solving the hatching problem in areas with insufficient power infrastructure. Equipped with a battery energy storage system, it can provide continuous power supply on cloudy days or at night to ensure uninterrupted hatching process.
 3. Intelligent control system, automatically adjust temperature and humidity, and improve hatching rate.



• Require of workers operation



名称	修改日期	类型	大小
La citation du style solaire 500w from...	2022/3/14 17:46	DOCX 文档	3,403 KB
La citation du style solaire 500w from...	2022/3/14 17:46	PDF Document	4,176 KB
Mounting bracket design	2022/3/14 17:41	PDF Document	707 KB
Mounting Bracket	2022/3/14 17:41	PDF Document	829 KB
System connection - Hetech	2022/3/14 17:41	PDF Document	398 KB
硕日产品手册	2022/3/14 17:46	PDF Document	1,815 KB
新款 英文 说明书 NEW INVERTER	2022/3/14 17:46	PDF Document	1,917 KB

01. Machine all installed and tested well before out of factory, no worry install questions.
02. Customer receive machine, find a electrician to connect wires, then can use the machine. (Electric model)
03. Petrol model and diesel mode the machine, we will provide opetating videos, to sure customer can use the machine successfully.

Note: No need our engineer coming ! Because machines are eary to operate !!! We will help you as long as you need !

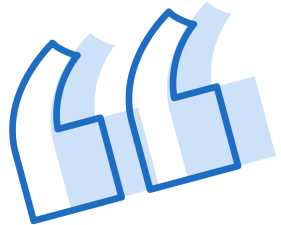




PART 02

Seven Management Systems





1.1. Alibaba Qualifications



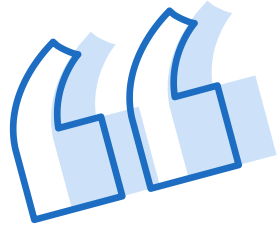
Golden Supplier



SGS



Top 1 Alibaba Supplier

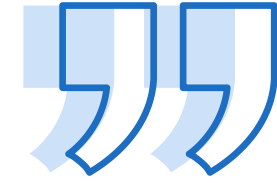


1.2. MADE IN CHINA Qualification

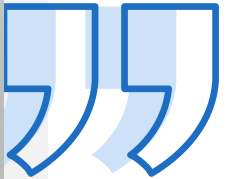
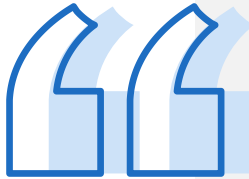


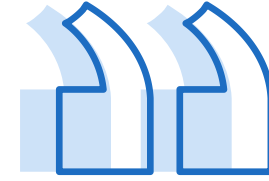


1.3. Patent Qualifications



2. Personnel Control System



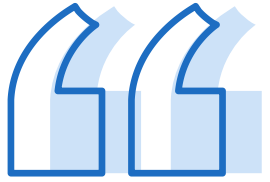


3. Packing Options

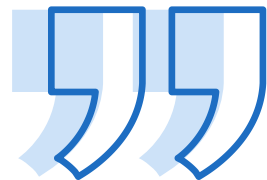


After the machine test is completed, we will wrap the machine with plastic wrap to avoid scratches.





5. Quality Control System



Personnel



Equipment



Regulations



5. Personnel



- 10 years of import and export experience
- Rich experience Equipment maintenance engineers
- Perfect staff training machine





5. Related Machine:

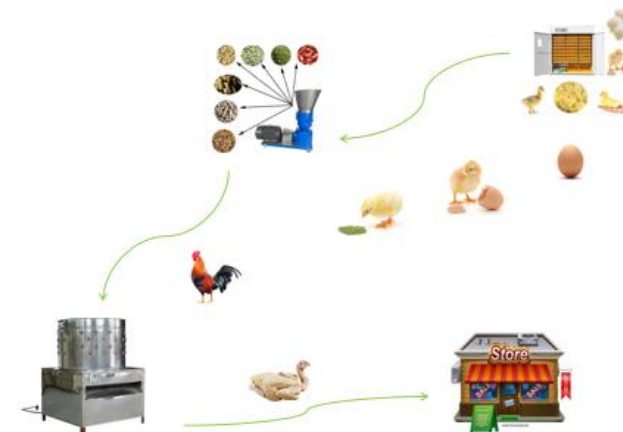
Broiler Process Equipments-----Small business



Chicken feed is produced



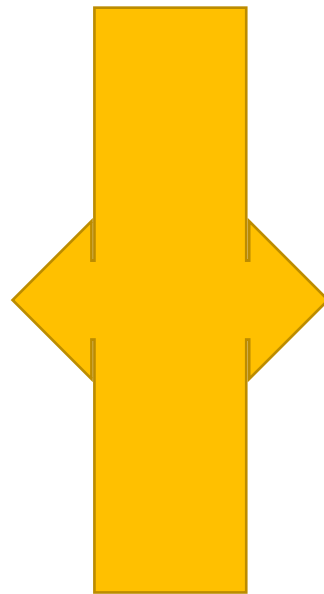
Chicken plucker





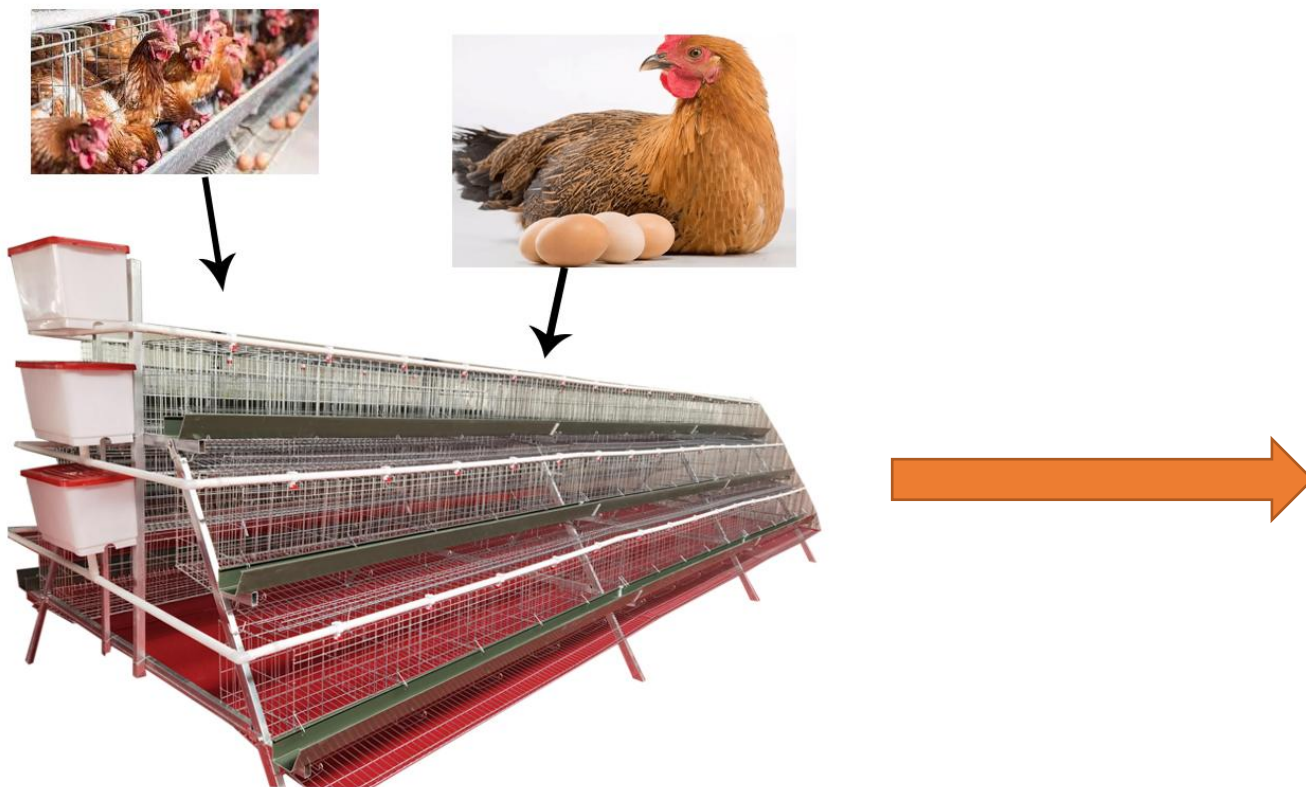
5. Related Machine:

Broiler Process Equipments-----Medium and large farms



5. Related Machine:

Laying hens Process Equipments



5. Related Machine:

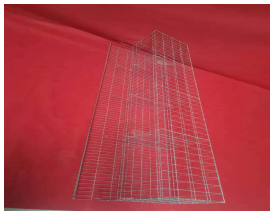
Laying hens Process Equipments



The thickened trough has a long life, 4mm thickness can be pedaled, high quality, each 200CM



The Stainless steel liner, built-in steel ball, high sensitivity, 360-degree water outlet, no clogging, long life.



Cage body size: cage length 195CM, main wire 3.0, auxiliary wire 2.2/2.6
Single cage size: cage depth 39CM, cage bottom width 54CM, front height 37CM, rear height 32CM
Single cage door size: the door is a pull-down door, front door, width 20CM, height 26CM.



Made of 40*20 square tubes, assembled with screws, easy to transport, span 200CM, assembled height 156CM



Halter, each row of chicken cages needs a bridle, the specific functions include automatic water supply, automatic water replenishment, and automatic feeding.



5.Related Machine:

drinker



Feeder



5.1.Factory



5.1.Shipping



5.1. Installation by Customer





**THANK YOU
FOR WATCHING**

——Zhengzhou Lerford Machinery Equipment Co.,Ltd.

2025/5/22

