

Modern Pig Farm Solution





contents

01

Company Profile

02

Products
Introduction

03

After-sales
Service



01 Company Profile





Company Profile



The Manufacturer is located on the beautiful coast of the Bohai Sea.

It is a modern farming equipment enterprise integrating R&D, design, production, sales, installation and service

The company mainly produces pig raising equipment, chicken raising equipment and cattle raising equipment.

According to customer requirements, it can customize breeding equipment that meets customer needs.

The company's intelligent automatic feeding system for pig raising and various pig fence ventilation and cooling equipment are at the leading level in the industry.

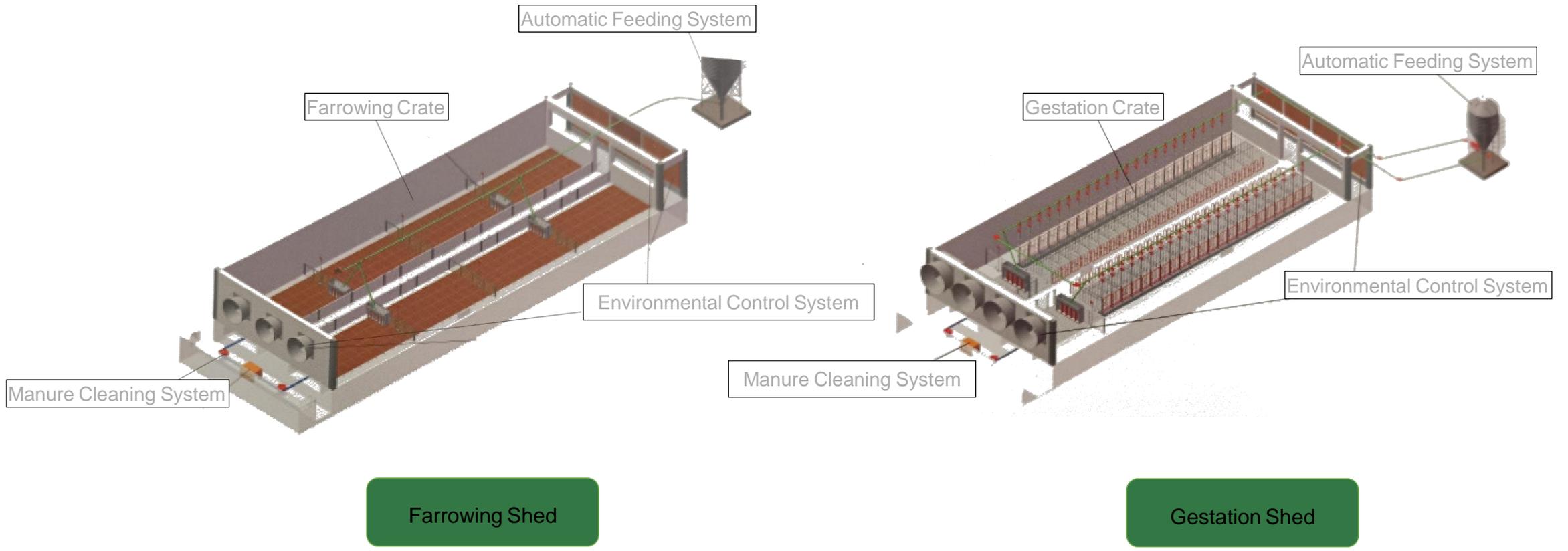
The company has a professional service team integrating site selection, design, installation and training, providing customers with first-hand "Turnkey projects".



02 Products Introduction

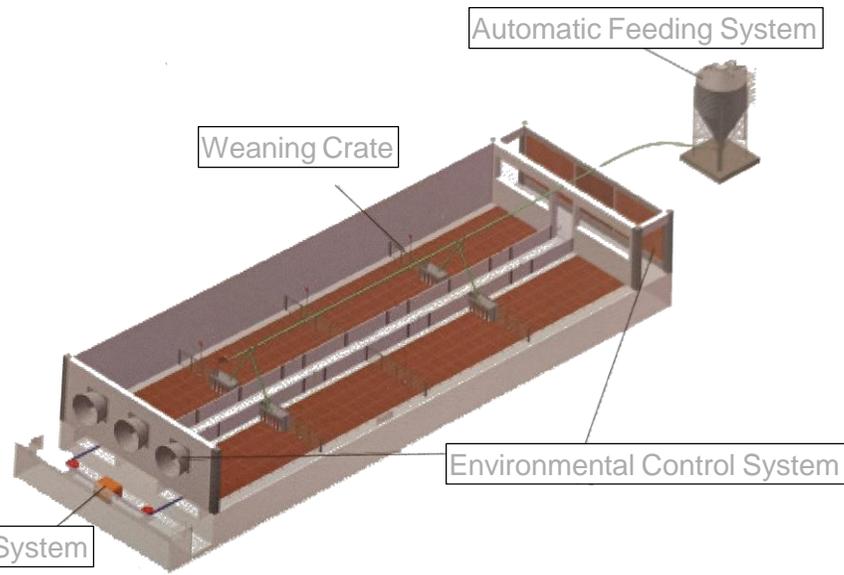


Automatic Feeding System

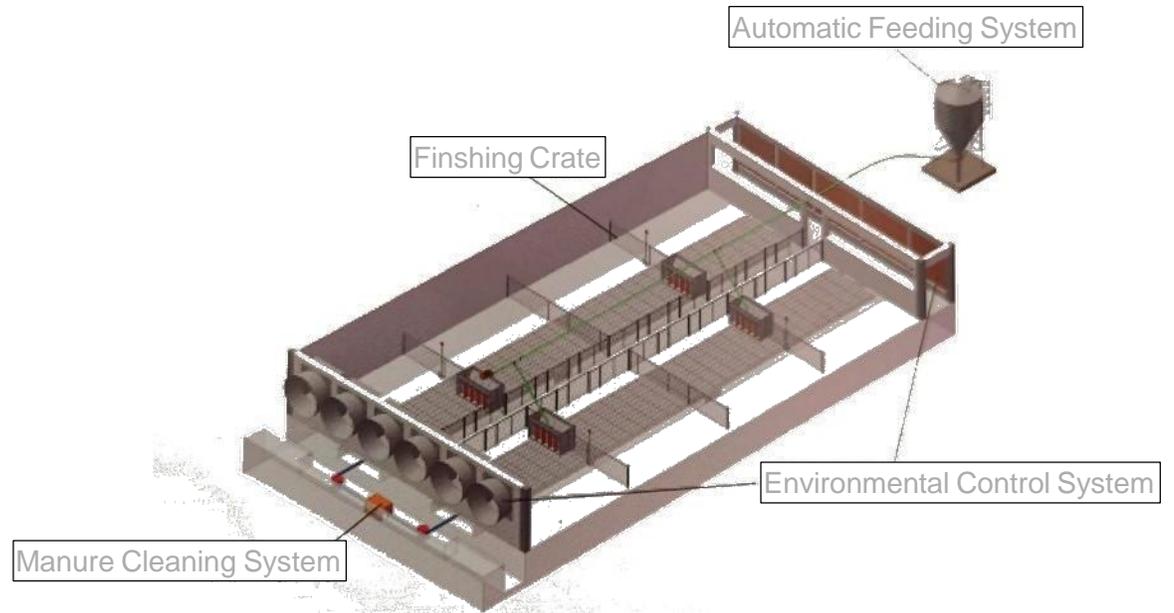




Automatic Feeding System



Weaning Shed



Finisher



European Style Sow farrowing Crate

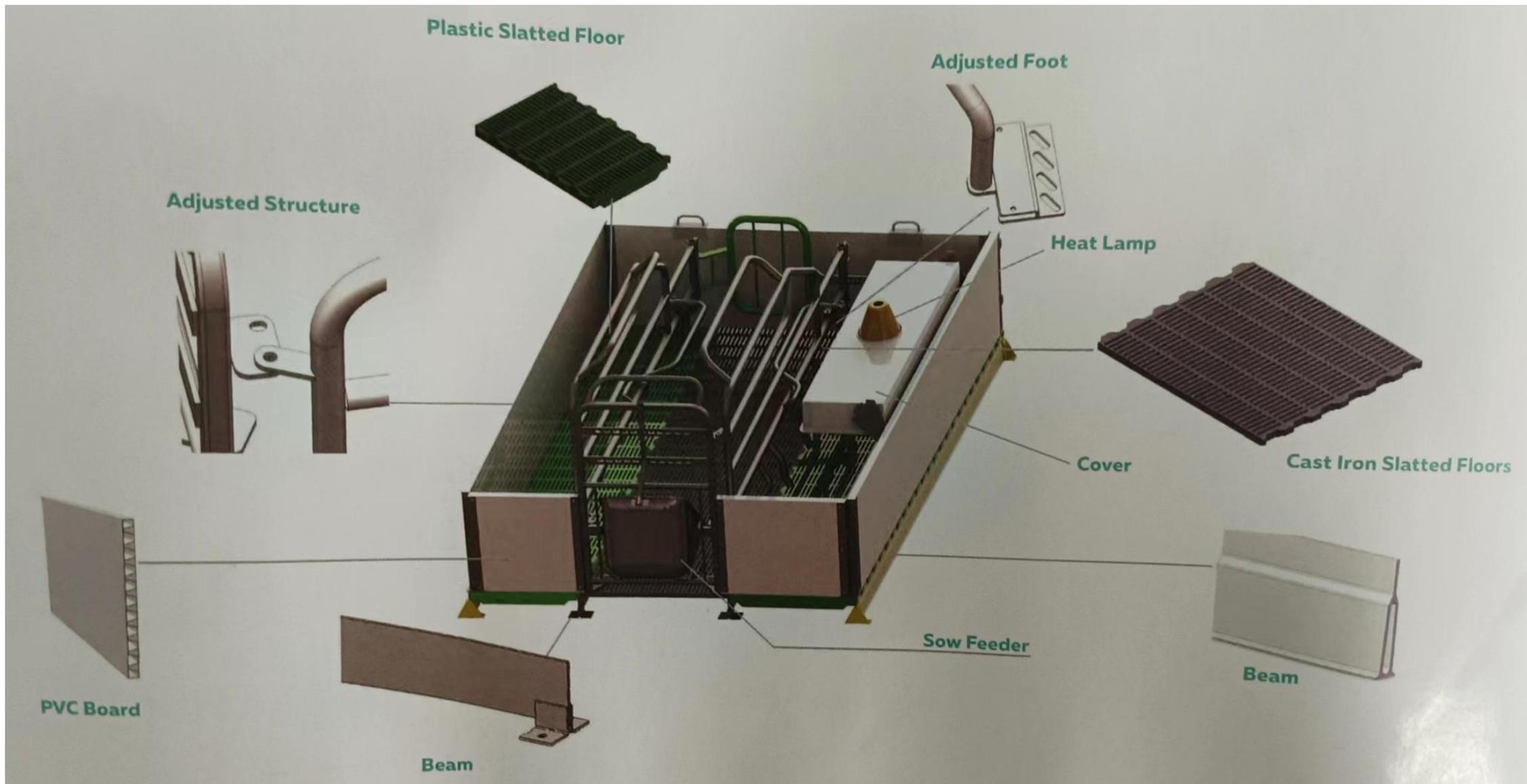
The European-style sow farrowing bed refers to the sow farrowing bed that was popular in European and American countries at first, and then domestically introduced related technologies and adjusted the research and development to produce a European-style sow farrowing bed suitable for China. Generally, the European-style sow farrowing bed is a single stall, that is, a European-style sow farrowing bed has only one sow space, and can only raise one sow.



European Style Sow farrowing Crate

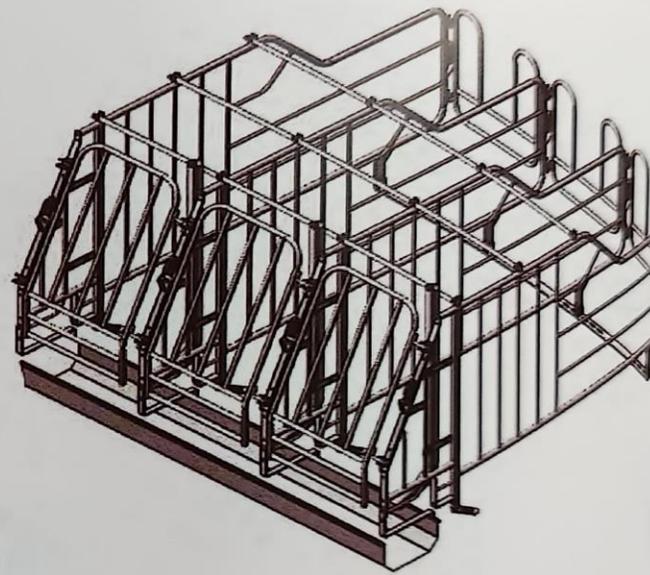
Compared with other types of sow farrowing beds, the European-style sow farrowing crate has a more humanized design. It has a good effect on the postpartum recovery of sows in the farrowing bed and the prevention of postpartum stroke in sows. A special heating and heat preservation method designed for piglets with colds. The fence is generally made of PVC board, which can block the evil wind, and can give the piglets and sows a suitable temperature to speed up the postpartum recovery of the sows, reduce the piglets' colds, and improve the survival rate of the piglets.

European Style Sow farrowing Crate



Gestation Crate

American
Style

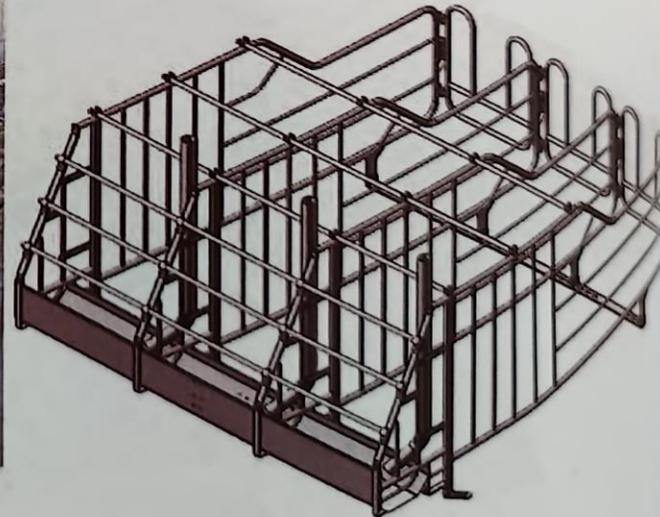


American style sow crate

Size: 2300mm x650mm x1100mm

Material: Φ 18mm round steel & Φ 14 round steel

Surface treatment: high corrosion resistance hot dip galvanizing process



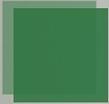
European style sow crate

Dimensions: 2300mm x 650mm x1100mm

Material: Φ 25mm x 2.5mm round tube

Surface treatment: high corrosion resistance hot dip galvanizing process

European
Style



Gestation Crate

American
Style

European
Style

European
Style

American style sow crate

Dimensions: 2200mm x 650mm x 1100mm

Material: Φ 16mm x 2.5mm round steel

Surface treatment: high corrosion resistance
hot-dip galvanized

European style sow crate

Dimensions: 2400mm x 680mm x 1100mm

Material: Φ 32mm x 2.5mm round tube

Surface treatment: high corrosion resistance hot
dip galvanizing process

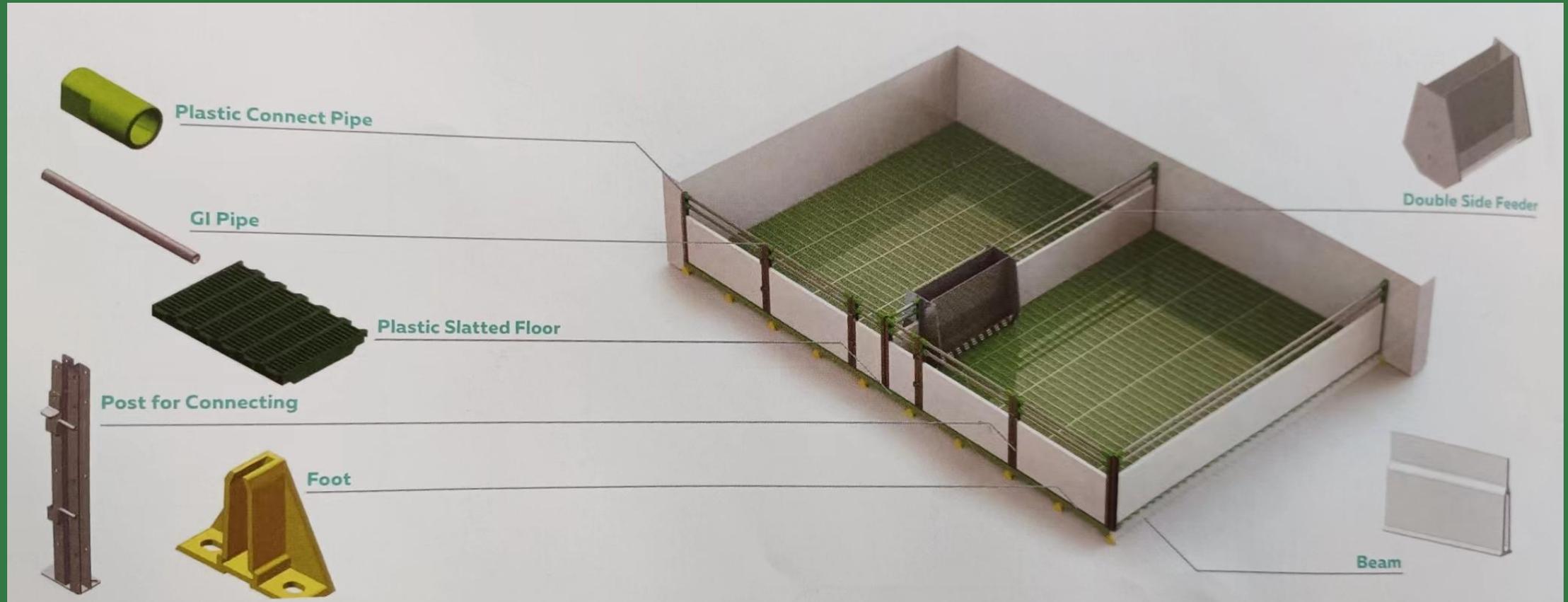
European style sow crate

Size: 2200mm x 680mm

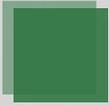
Material: Φ 25mm x 2.5mm round tube

Surface treatment: high corrosion resistance heat

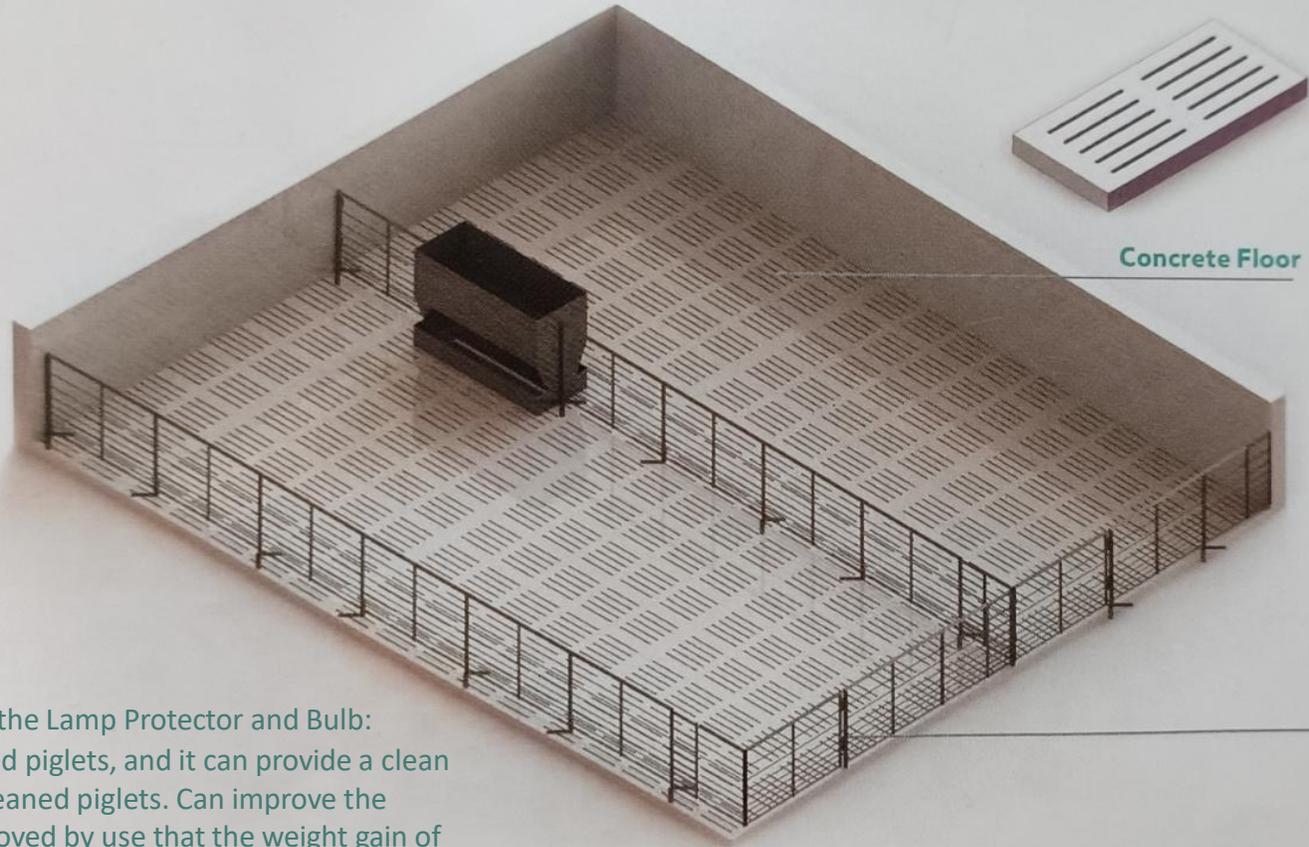
Weaning Crate



The use and advantages of the weaning crate: It is used for feeding weaned piglets, and it can provide a clean and dry environment for weaned piglets. Can improve the survival rate. It has been proved by use that the weight gain of piglets raised in nurseries is 15% higher than that of piglets raised on cement ground, the feed utilization rate is increased by 8-14%, and the survival rate can reach more than 95%.



Finishing Crate



Concrete Floor



Fence(HDG)

The use and advantages of the Lamp Protector and Bulb:
It is used for feeding weaned piglets, and it can provide a clean and dry environment for weaned piglets. Can improve the survival rate. It has been proved by use that the weight gain of piglets raised in nurseries is 15% higher than that of piglets raised on cement ground, the feed utilization rate is increased by 8-14%, and the survival rate can reach more than 95%.



Lamp Protector and Bulb



General Type



Power-saving Type



General Type



Power-saving Type

Spare Parts		Aluminum Cover	Mesh cover	Plug	Electric Wire	Chain	Switch
Product Number							
	10pcs/carton	φ21cm	7cm	included	2.5cm	2m Galvanized steel	Not included
LP300							
	10pcs/carton						High-off-Low
LP300S							
	10pcs/carton	φ30cm					Not included
LPB300							
	10pcs/carton						High-off-Low
LPB300S							



Lamp Protector and Bulb



Infrared Light Bulb
R125



Infrared Light Bulb
3G New PAR

SPCS	Rated power	Power consumption	Color	Packaging
R125	230-240V	100W 145W 150W 250W 375W	Transparent/ Red	2pcs/box 24pcs/carton

SPCS	Rated power	Power consumption	Color	Packaging
PAR	230-240V	100W 175W	Transparent/ Red	2pcs/box 24pcs/carton



Lamp Protector and Bulb



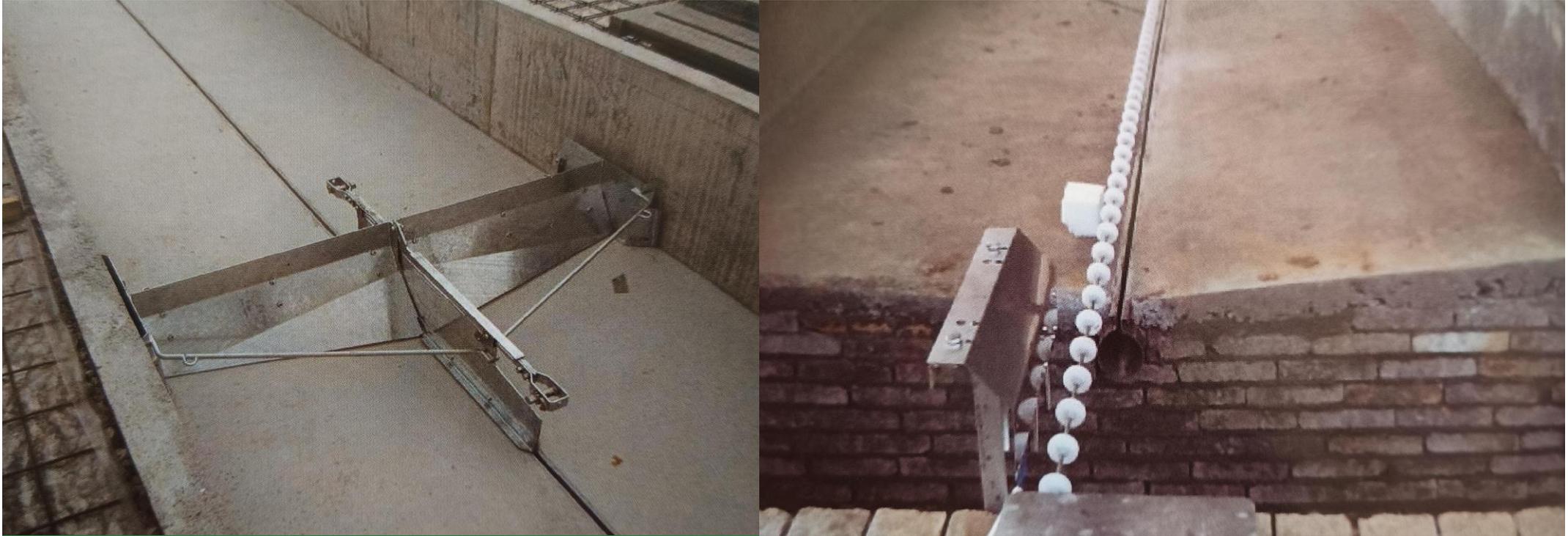
CFL 600



CFL 900

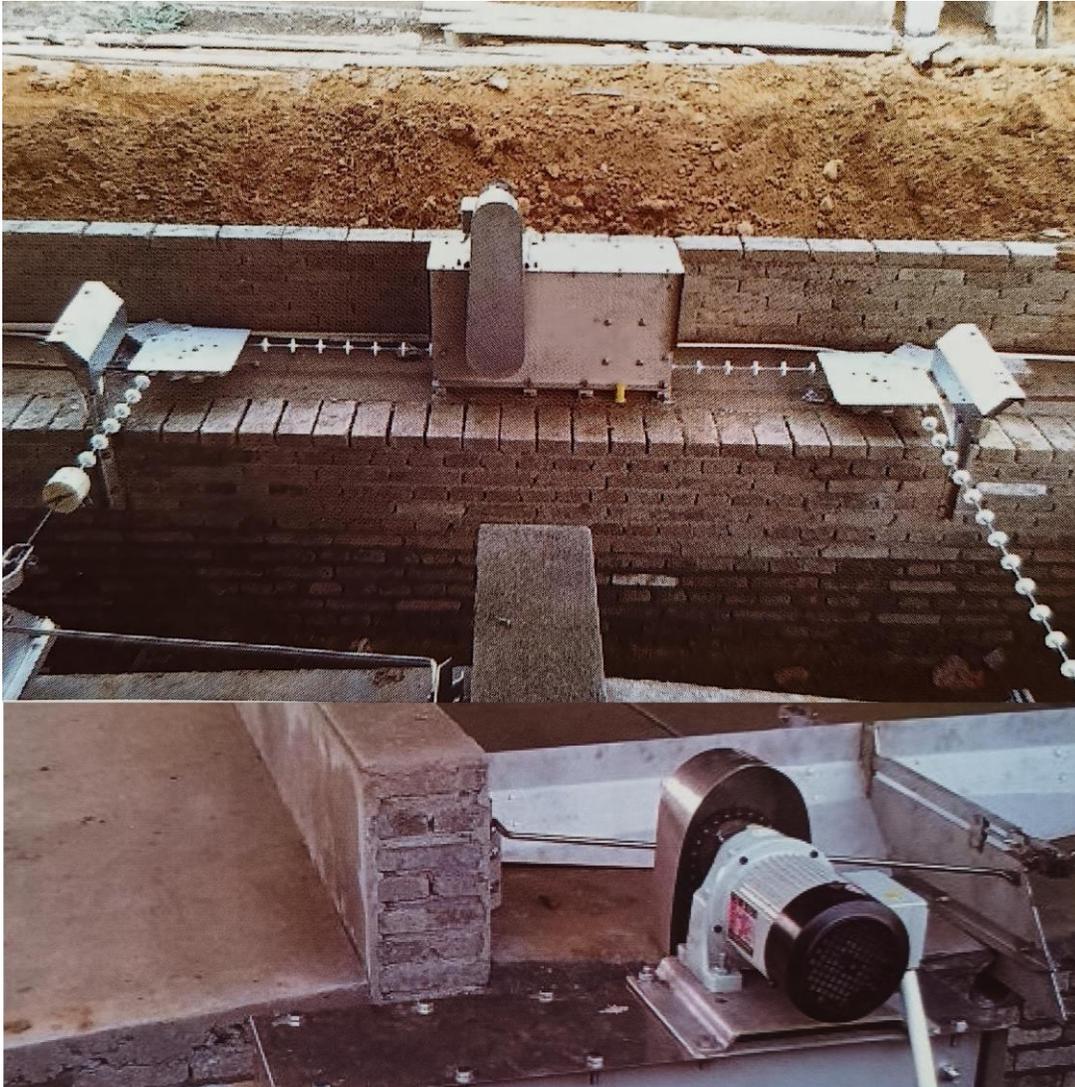
SPCS	Rated power
CFL 600	220V 550W
CFL 900	220V 800W

Automatic manure cleaning system



A driving motor drives two scrapers through a wire rope to form a closed loop. There are corner wheels around the loop to position and change direction, so that one scraper moves forward to clear the manure, and the other scraper tilts back to not clear the manure. The motor speed is 1400rpm, the output speed is 5.4rpm after gear deceleration, the speed is constant, and there are corner wheels around the loop for positioning and direction changing. The combined scraper cleans the waste 24 hours a day, has a high degree of sanitation and cleanliness, is easy to install, has a long service life, reduces manual labor, and improves the automation of manure cleaning.

Automatic manure cleaning system



Features and advantages of scraper manure removal

1. Advanced automatic separation of feces and urine and automatic mechanical cleaning technology make the pig house clean and hygienic;
2. The scraper is designed for automatic retraction, and the position of the scraper is adjustable. There are rollers on the bottom of the equipment and on the left and right sides, which change sliding friction into rolling friction, thereby reducing friction and improving the overall performance of the equipment;
3. Improve air quality and significantly reduce the harmful effects of hydrogen sulfide and other harmful gases on workers and pigs in pig houses;
4. Safe operation, simple and fast installation and operation, can realize unmanned automatic management, can switch between manual and automatic modes at will, and can be scheduled;
5. The motor has strong power, and the all-stainless steel corners and bow rope seams have a long service life.



Cast Iron Slatted Floors



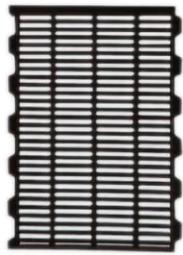
700mm* 600mm



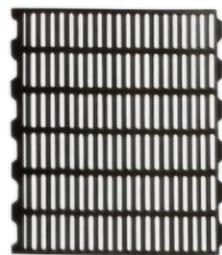
600mm* 600mm



600mm* 600mm



400mm* 600mm

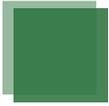


500mm* 600mm

01 **Easy loading and unloading.** There are card slots on both sides of the leaking manure board, which are seamlessly connected in a jagged shape, and are easy to install and disassemble.

02 **Corrosion resistance.** It is more durable than wooden strips, bamboo strips, and plastic materials in harsh environments.

03 **High load bearing.** The thickness of the hook is strengthened to increase the load capacity, and the test test is greater than 1 ton/square meter, which can be stocked with peace of mind.



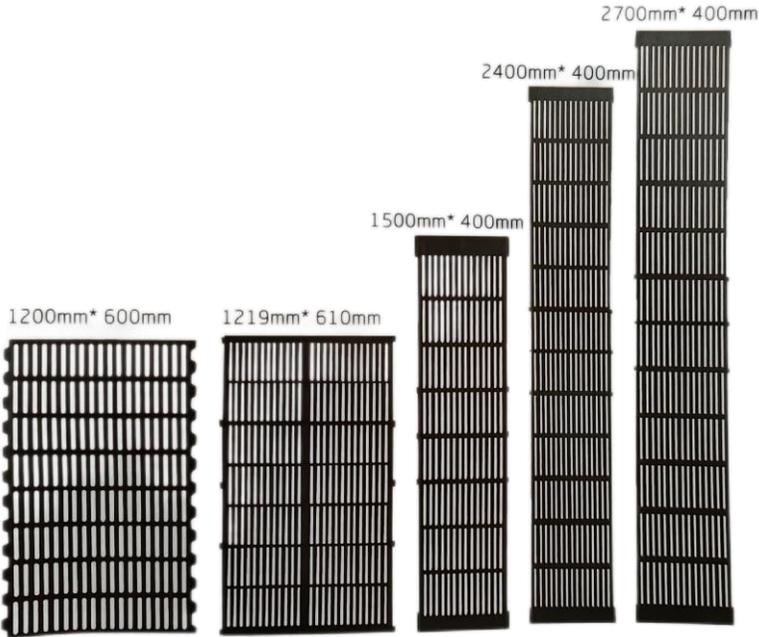
Cast Iron Slatted Floors



04 **Easy to wash.** It can be washed with the high-pressure water gun of the washing machine, and it is natural and has no cracks and is not easy to hide dirt.

05 **Anti-fall.** The surface of the manure board is frosted to increase the contact surface and improve the friction to prevent animals from falling and being injured.

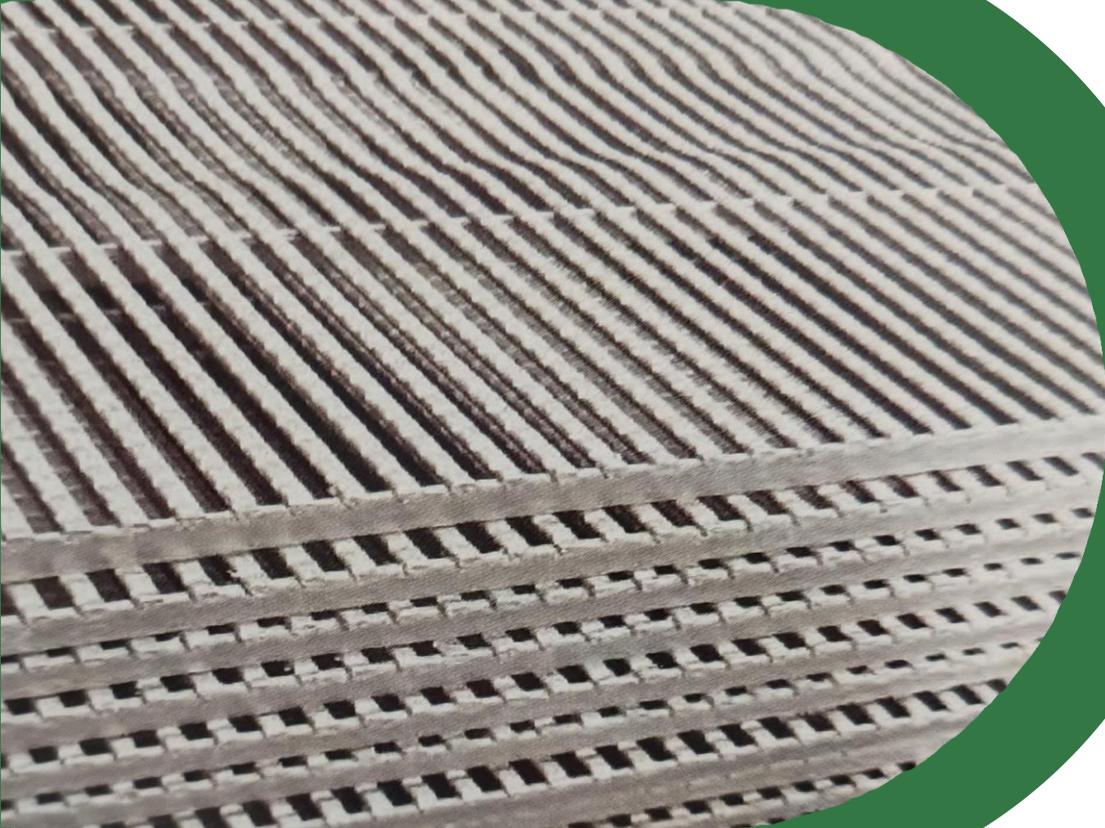
06 **Anti-scratch.** The four sides and corners of the cast iron manure board are polished with a polishing machine to avoid scratching the animals..



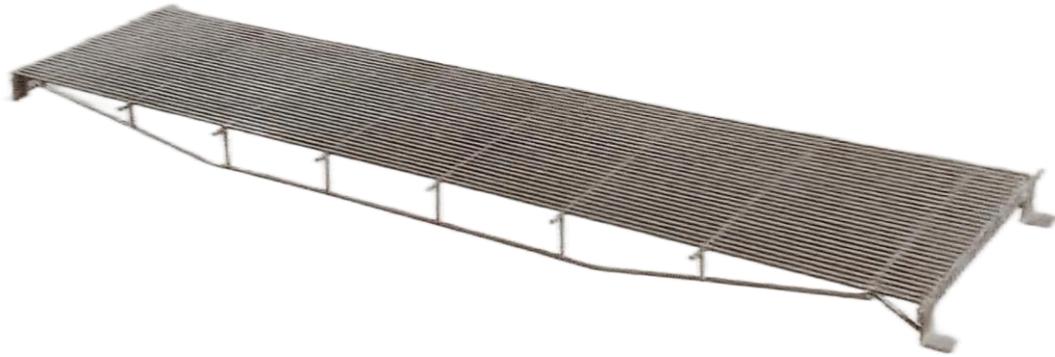
Tri-Bar Slatted Floors

The V shaped bars of the our steel Tri-Bar slatted floors ensure a perfect drain of manure and, consequently, excellent hygiene. This gives the flooring system an ammonia reducing effect.

For pens housing gestation or farrowing sows, an option is a self- supporting Tri-Bar floor system installed over the width above the manure channel. Angle irons are used to install the slats on the edges of the pit. By using the centre-to-centre dimension of the pens, these angle irons fall precisely under the side fences, creating no obstacle for the sows.

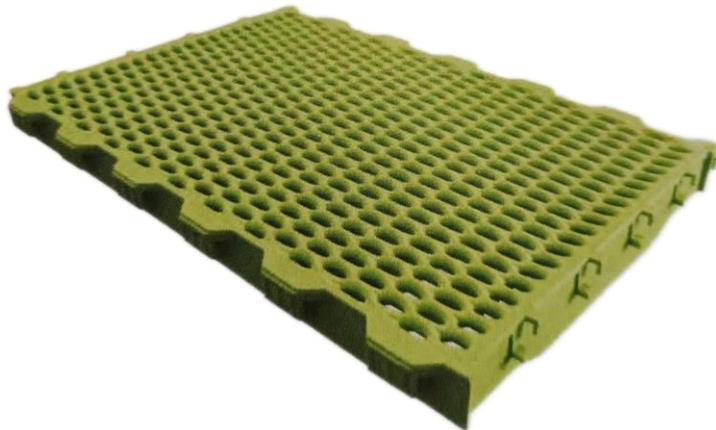
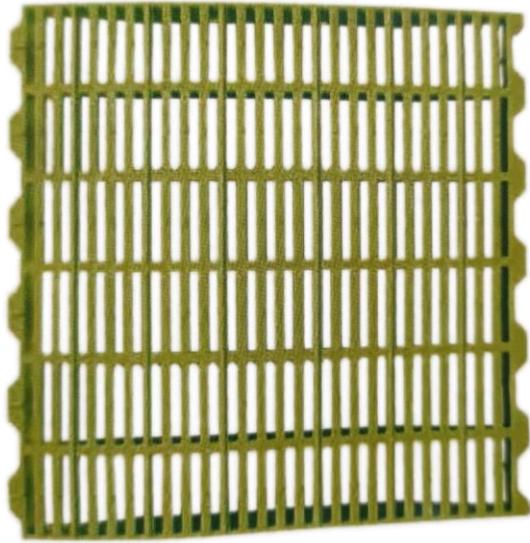


Plastic Slatted Floors

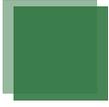


- Tri-Bar slat system for pens housing gestation sows is available in customized sizes.
- The manure hatch positioned at the back.
- Apply to the Farrowing Crates and Gestation crates.

Plastic Slatted Floors



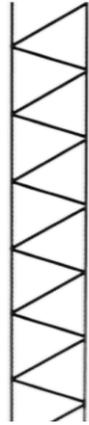
The plastic Slatted Floors is a new synthetic material made of unsaturated resin as the matrix, light calcium carbonate as the filler, glass fiber reinforcement, and various additives and pigments. After 350 tons and 500 tons of presses Compression molding has the characteristics of reasonable formula, advanced technology, easy molding, low molding shrinkage rate, high dimensional accuracy, and good processing performance, so that its products have good electrical insulation, flame retardancy, and mechanical strength, and good thermal insulation and heat dissipation performance, can be applied to various disinfection work and has the advantages of light weight, flat and smooth, no corrosion, no aging, no damage to feet, no damage to teats, easy installation, anti-skid layer, cheap price, etc., it is the most ideal for modern pig farms Slatted floors.



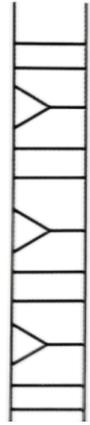
PVC Board



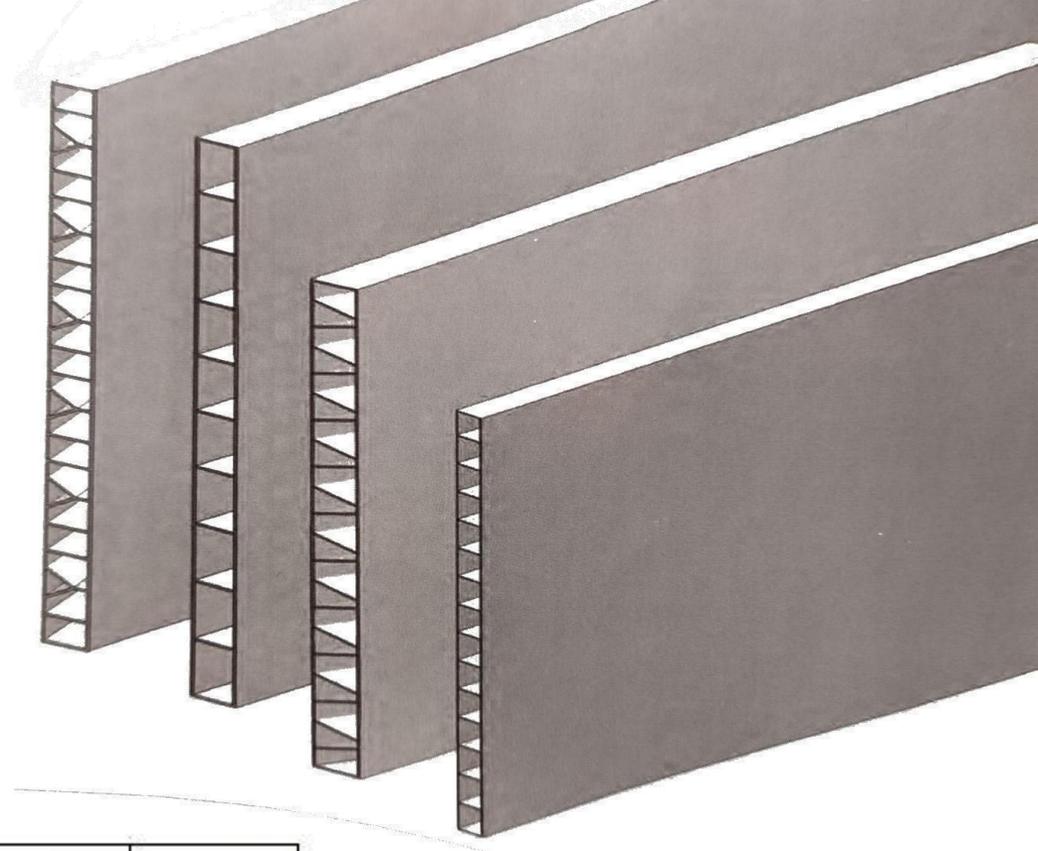
Straight Line



Zig-Zag



Y Type



Structure	Material	Height	Width	Thickness	Wight/m
Straight Line	PVC	500mm	35mm	1.5mm	3.5kg/m
		600mm	32mm	0.8mm	4.5kg/m
		500mm	30mm	0.8mm	3kg/m
		600mm	16mm	0.8mm	3kg/m
Zig-Zag		500mm	35mm	2mm	6kg/m
Y Type		500mm	35mm	2mm	5kg/m
		600mm	35mm	2mm	6kg/m



Beam&Footer



Triangle



A Type

Model	Material	Height	Thickness
Triangle	Fiberglass	120mm	4mm
A Type		120mm	4mm



Stainless Steel Automatic Feeding tank



Weaning



Finishing

Model	Structure	Length	Width	Height	Number of Pigs	G.W. of Trough	Capacity
SMBY-3	Single Sided	585mm	350mm	550mm	3	10kg	55L
SMBY-4		785mm	350mm	550mm	4	12kg	73L
SMBY-5		985mm	350mm	550mm	5	14kg	92L
SMDBY-3	Double Sided	585mm	500mm	550mm	3	15kg	66L
SMDBY-4		785mm	500mm	550mm	4	18.5kg	88L
SMDBY-5		985mm	500mm	550mm	5	22kg	110L

Model	Structure	Length	Width	Height	Number of Pigs	G.W. of Trough	Capacity
SMYF-3	Single Sided	900mm	450mm	900mm	3	30kg	158L
SMYF-4		1180mm	450mm	900mm	4	36.5kg	210L
SMYF-5		1500mm	450mm	900mm	5	43kg	265L
SMYF-6	Double Sided	900mm	740mm	900mm	3	40kg	250L
SMDYF-3		1180mm	740mm	900mm	4	50kg	335L
SMDYF-4		1500mm	740mm	900mm	5	60kg	415L
SMDYF-5		1800mm	740mm	900mm	6	70kg	495L

Feeder for Farrowing Crates



Body Material: 304 Stainless Steel
Funnel-shaped material: high-quality polypropylene



Size: 390mm x155mm x 90mm
Weight: 2.95kg
Volume: 8L



Features: The material is discharged smoothly, pigs can eat independently, reduce the accumulation of material, clean and hygienic, and durable.

Long Sow Feeder



Can be customized according to customer needs

Sow Feeder



01

Deep Sow Feeder

Material: 304 Stainless Steel
Thickness: 1.5mm
Size: 430mmx300mmx440mm
Weight: 4.3kg
Features: overall stretch
without dead angle



02

Compression type Sow Feeder

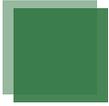
Material: 304 Stainless Steel
Thickness: 1.5mm/1.2mm
Dimensions: 480mm x 400mm x 500mm



03

Welded type Sow Feeder

Can be customized according
to customer needs



Common type Sow Feeder



Big



Medium



Small



Smallest

Material: 304 Stainless Steel
Thickness: 1.5mm/1.2mm
Specification:
Large 520mmx 375mmx 230mm
Medium 455mm x365mm x 230mm
Small 420mmx380mmx230mm
The smallest size
360mmx360mmx230mm

Round Feeder



Material: main body 304, parts 201

Thickness: 1.2mm/1.0mm/0.8mm

Specification:

Large 320mmx70mm

Medium 280mm x 70mm

Small 250mm x 70mm

Drinking Bowl



New energy-saving drinking bowl

Material: Main body 304 stainless steel, parts 201 stainless steel
Thickness: 1.35mm/1.2mm
Specifications:
Large 215mm x 205mm
Medium 185mm x 175mm
Small size 155mm x 145mm

Drinking Bowl



Round energy-saving
drinking bowl

Material: 304 stainless steel
Specification:
King Size 215mmx170mm
Large size 175mmx130mm
Medium size 155mmx110mm
Small size 130mmx80mm

Drinking Bowl



Oval energy- saving drinking bowl

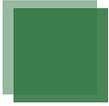
Material: 304 stainless steel

Specification:

Large 295mmx220mmx150mm

Medium 265mmx180mmx120mm

Small size 210mmx140mmx90mm



Drinking Bowl

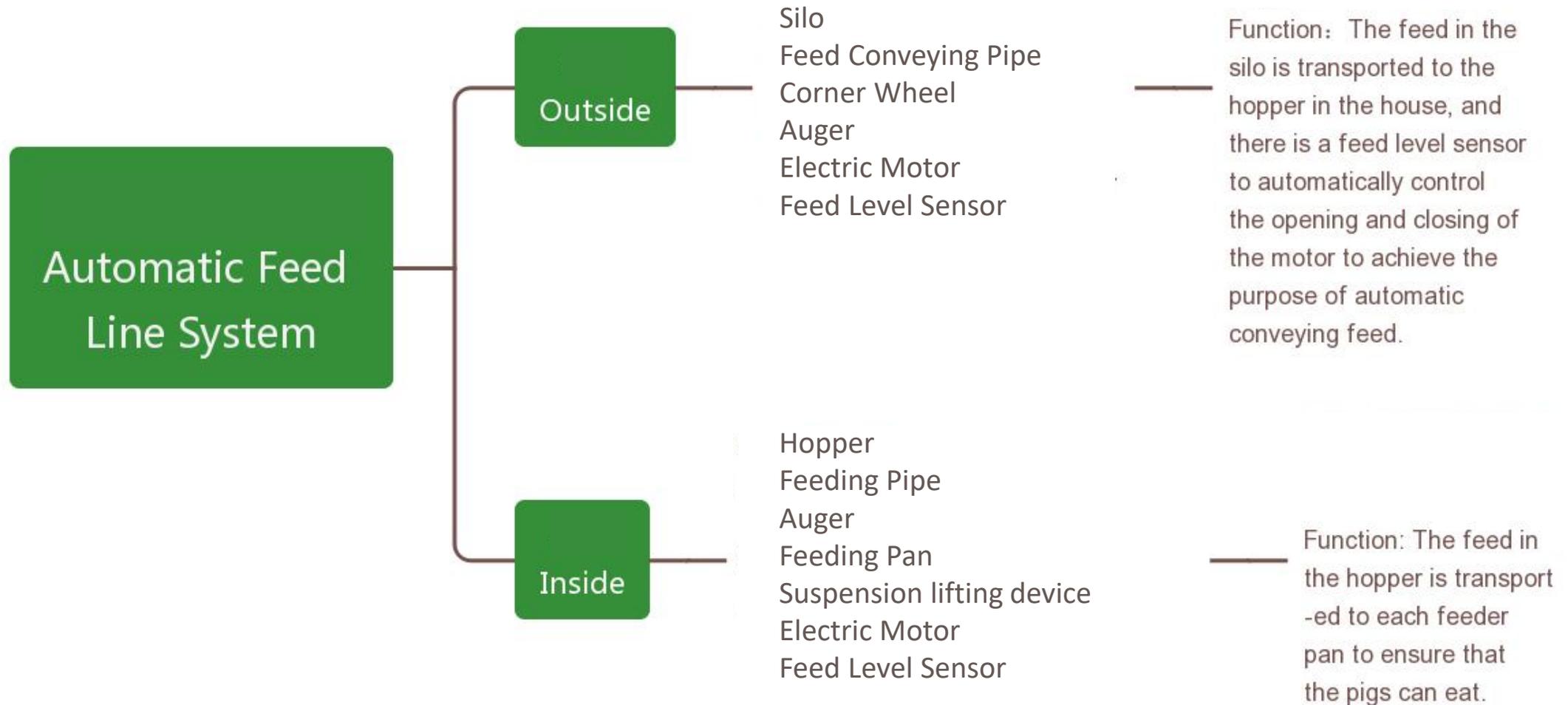


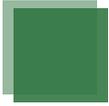
American drinking bowl

Specification:
340mmx270mmx148mm

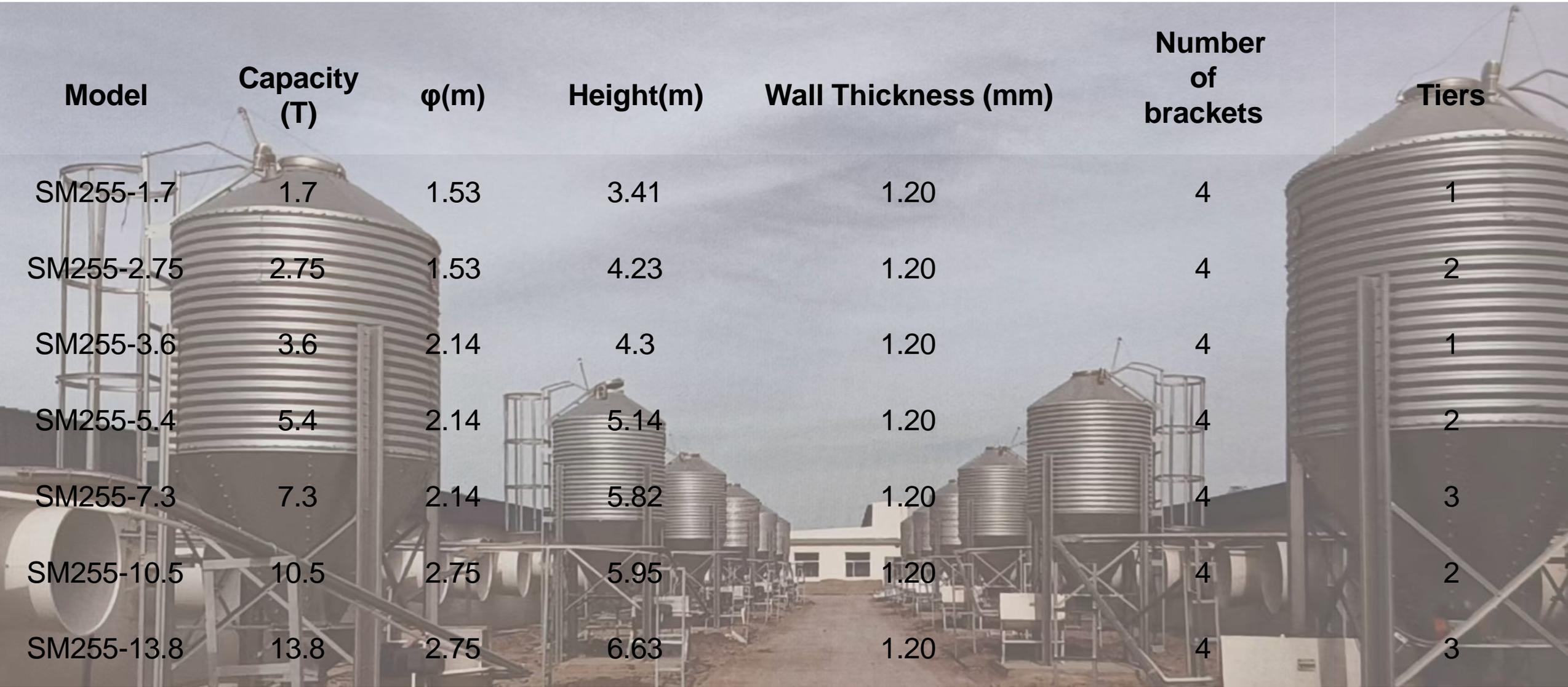


Automatic Feed Line System





Automatic Feed Line System



Model	Capacity (T)	φ(m)	Height(m)	Wall Thickness (mm)	Number of brackets	Tiers
SM255-1.7	1.7	1.53	3.41	1.20	4	1
SM255-2.75	2.75	1.53	4.23	1.20	4	2
SM255-3.6	3.6	2.14	4.3	1.20	4	1
SM255-5.4	5.4	2.14	5.14	1.20	4	2
SM255-7.3	7.3	2.14	5.82	1.20	4	3
SM255-10.5	10.5	2.75	5.95	1.20	4	2
SM255-13.8	13.8	2.75	6.63	1.20	4	3

Automatic Feed Line System



SL Round Quantitative Cylinder



Corner Wheel



Feed Motor



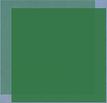
SL Square Quantitative Cylinder



Disc Drive



Electric Putter



Cylinder Type Negative Pressure Fan



Model	Size	Voltage	Power	Electric Current	Rotary Speed	Frequency
1380-1	1380mm*1380mm	380V	1.1kW	2.8A	460r/min	50Hz

Heavy Hammer Negative Pressure Fan



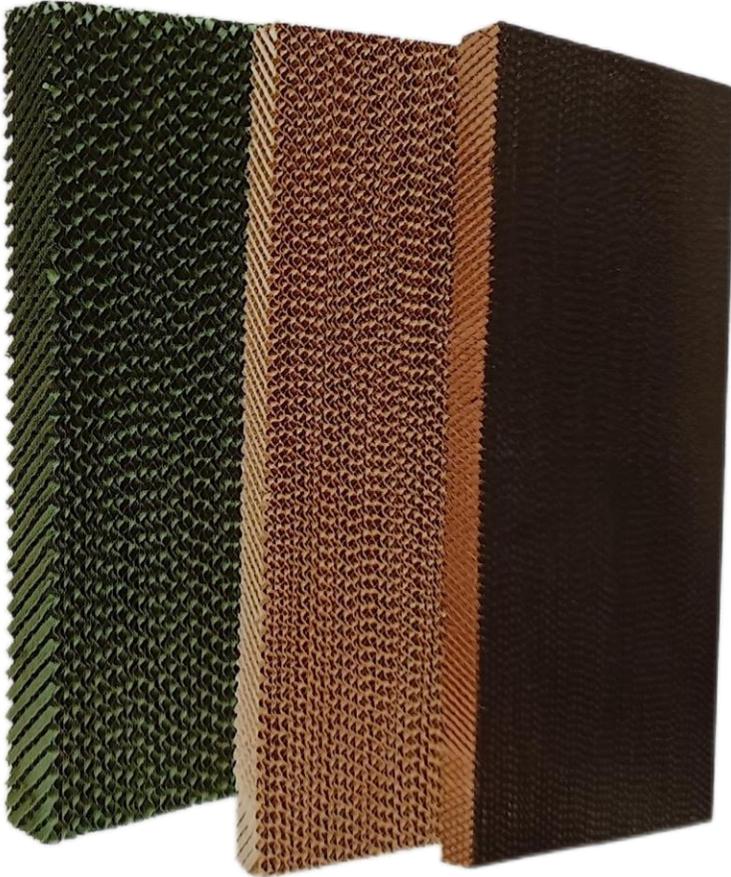
Model	Size	Voltage	Power	Electric Current	Rotary Speed	Frequency
1380-2	1380mm* 1380mm	380V	1.1kW	2.8A	460r/min	50Hz

Cooling Pad



The cooling pad refers to the indoor cooling and humidification function that can be applied to poultry breeding, animal husbandry breeding, greenhouse planting, horticultural flower planting, industrial production, etc. with negative pressure fans. The cooling pad is installed on the other side of the window. The air evaporates through the cooling pad, and then the fan blows to the right corners, causing the indoor temperature to drop rapidly. The greenhouse structure and the cooling curtain must be perfectly coordinated to exert the maximum power of the cooling curtain.

Cooling Pad



The high-quality cooling pad is made of a new generation of polymer materials and space cross-linking technology, which has the advantages of high water absorption, high water resistance, mildew resistance, and long service life. Moreover, the evaporation specific surface is large, the cooling efficiency is over 80%, it does not contain surfactants, naturally absorbs water, the diffusion speed is fast, and the effect is long-lasting. A drop of water can be diffused in 4~5 seconds. The international industry standard for natural water absorption is 60~70mm/5min or 200mm/1.5hour.



Cooling Pad

1. Cooling system

(1) The "wet curtain-negative pressure fan" cooling system is composed of paper porous wet curtain, water circulation system and fan. When the uninterrupted air flows through the holes and the wet surface of the wet curtain, a large amount of water evaporates, and the sensible heat reflected by the temperature in the air is converted into the latent heat of evaporation, thereby reducing the temperature of the air itself. When the fan draws air, the cold air cooled by the wet curtain is continuously introduced into the room, so as to maximize the cooling effect.

(2) The cooling of the wet curtain air cooler is to use the circulating water pump to continuously pump out the water in the water receiving tray, and spray it evenly on the evaporative filter layer through the water distribution system, so that the outdoor hot air passes through the evaporative heat exchanger (evaporative heat exchanger) The wet curtain) exchanges heat with water, and the water evaporates to achieve cooling and cooling, and the clean air is sent into the room by a low-noise fan under pressure to achieve a cooling effect.

A photograph showing the interior of a greenhouse. The structure is made of a metal frame with a translucent plastic covering. A large section of the wall is covered with brown, textured cooling pads. Below the pads, several grey, corrugated pipes are visible, likely part of a water distribution system. The floor is a light-colored concrete or dirt.

Cooling Pad

2. Humidification system:

When the wet curtain is used as a humidifying medium, it is mostly used in plantations, greenhouses and other special industries that require high humidity. Because the wet curtain has the characteristics of water absorption, water resistance, fast diffusion speed and long-lasting performance, it is very suitable for adjusting indoor humidity.

3. Filtration system:

The wet curtain also has ventilation and corrosion resistance, and has an excellent filtering effect on dust in the air. It is an environmentally friendly material that is non-toxic, odorless, clean, humidifying, and oxygen-cooling, so it is also used as a medium for air purification and filtration.

Cooling Pad



A



B



C



D

Cooling Pad thickness:

10cm/15cm/20cm

Frame material: galvanized
sheet/aluminum alloy

A variety of import and export methods
are optional

A: Side entry and bottom exit B: Side
entry and side exit

C: Top in and side out D: Top in and
bottom out

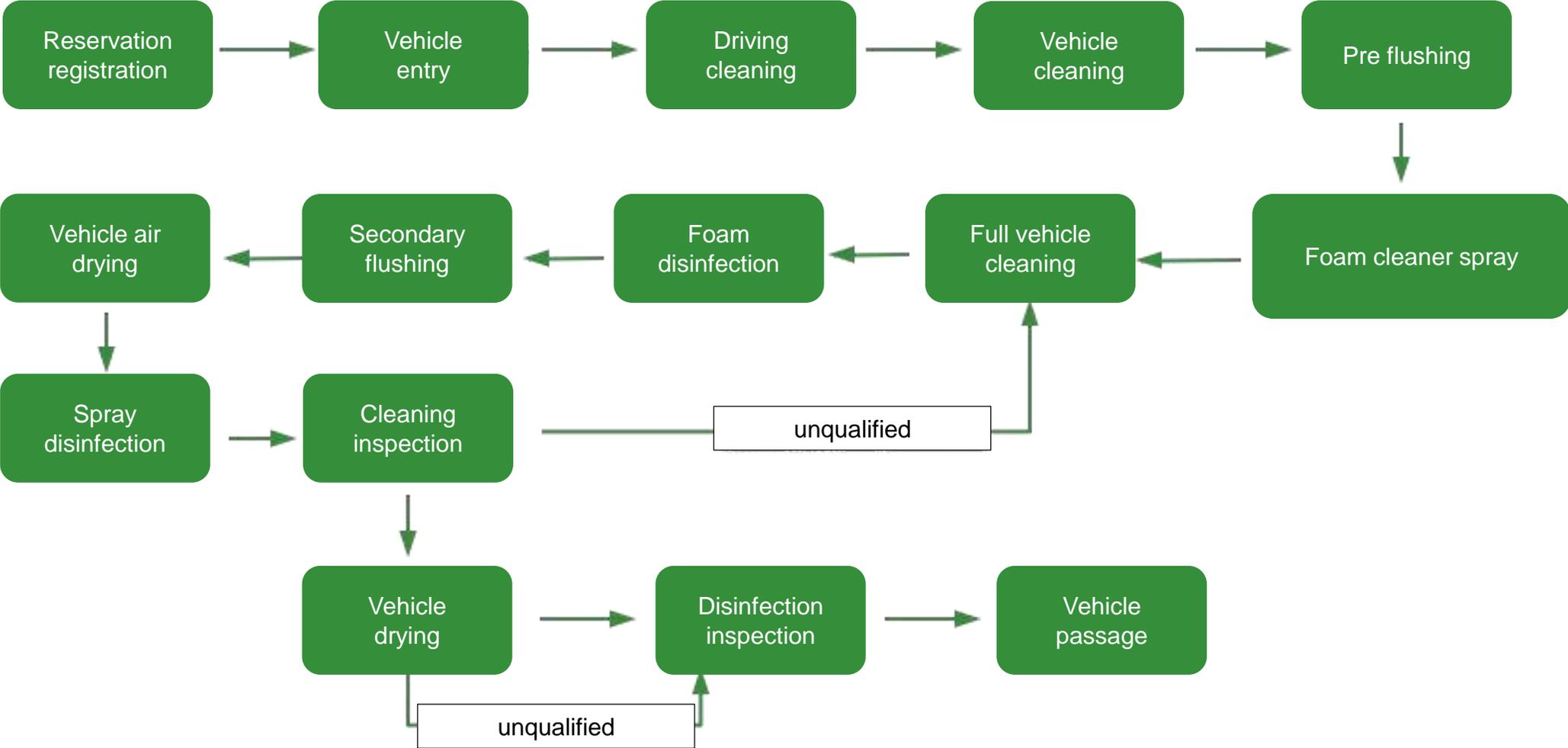
Automatic Control System



The environmental control system is one of the most important systems in the agricultural production system. Reasonable design meets local climate requirements, and brings unique solutions to customers with our company's advanced concepts. Our environmental control system includes air intake windows, thermal insulation doors, fans, wet curtains, controllers, etc.

Accurate analysis of the local environmental climate is a prerequisite for solution design. Our company adopts international advanced analysis programs to design ventilation system solutions that adapt to the local climate.

Disinfection drying system



Doser for Disinfection System



D25RE5

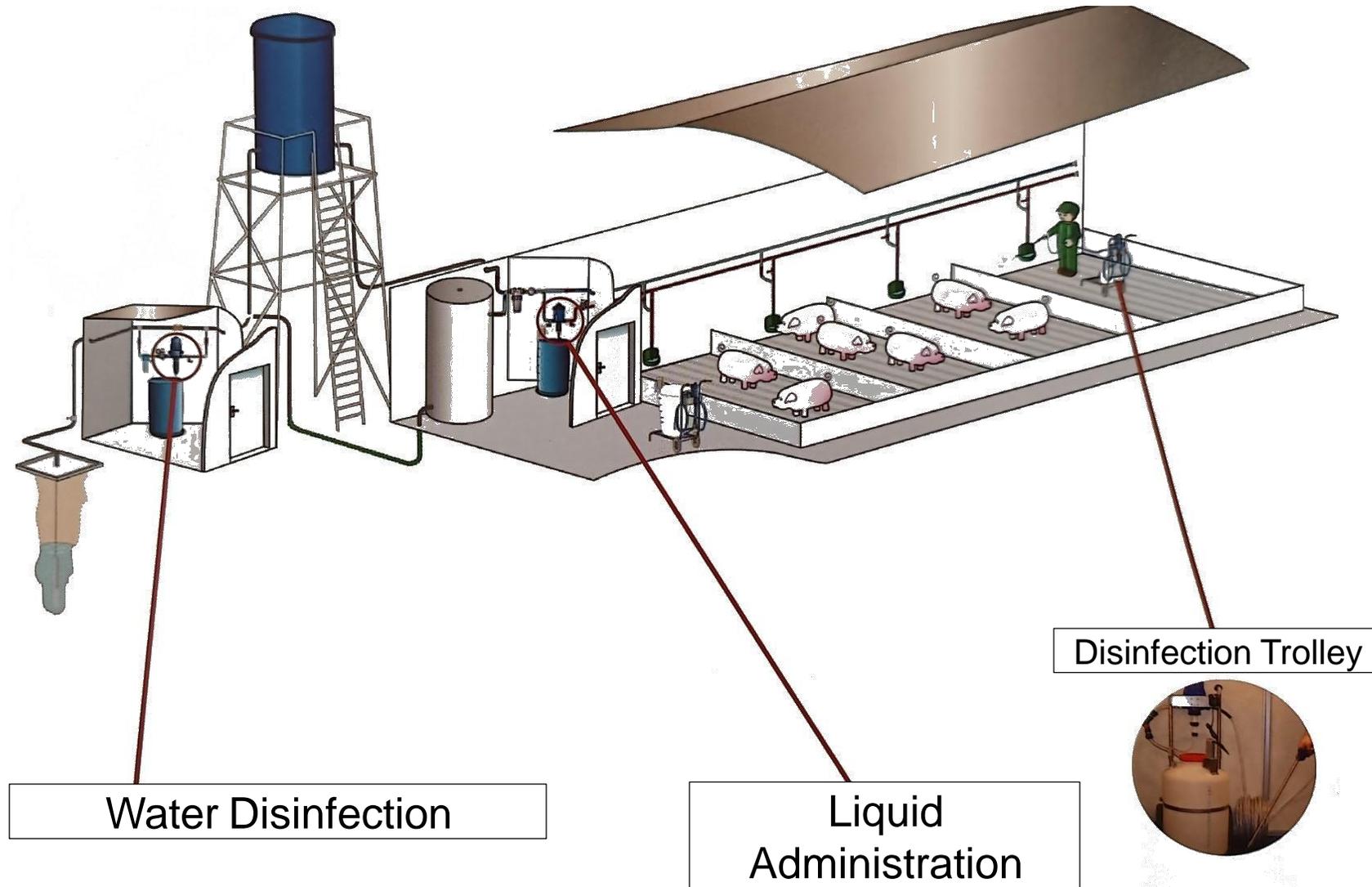


D25RE10

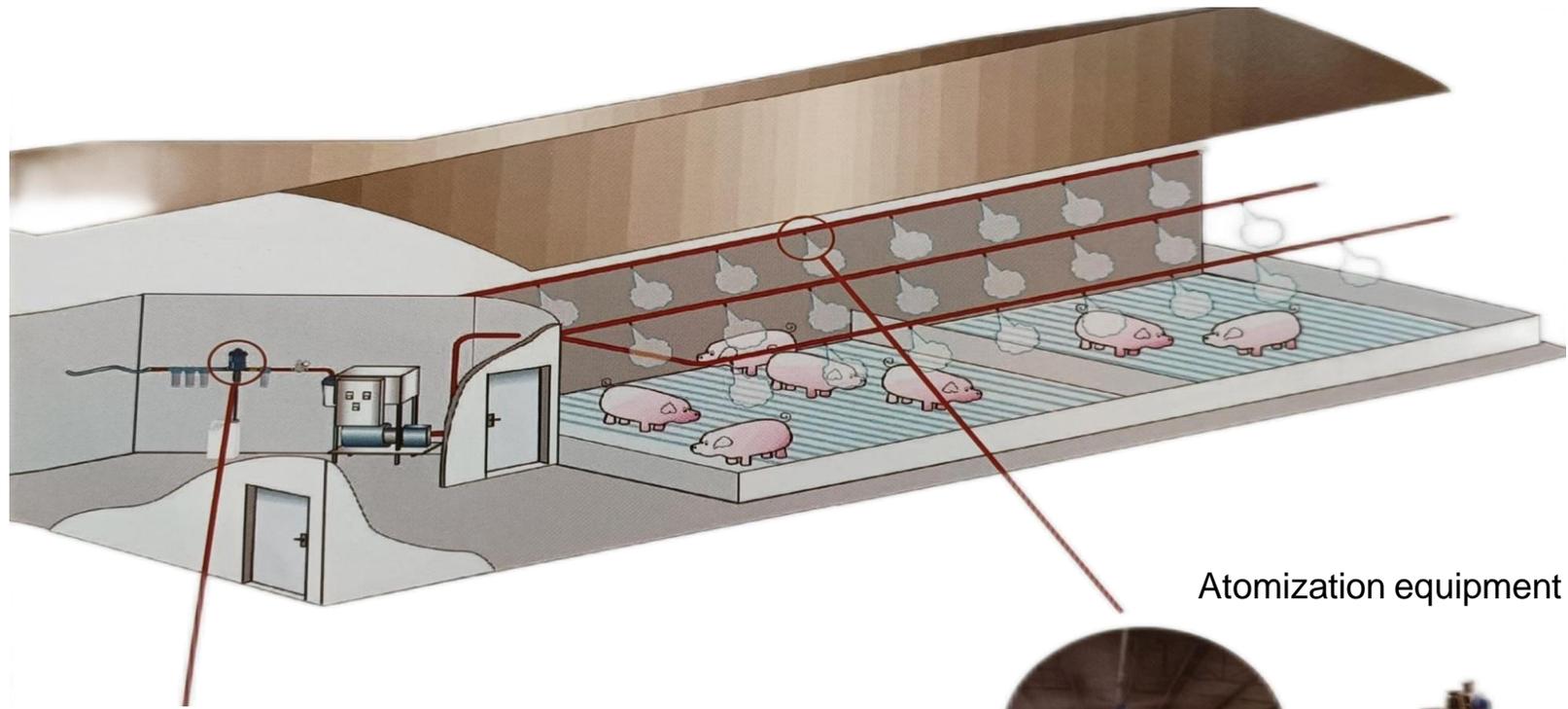
French DOSATRON (Duoshichuang/Duoshou/Dosatong) hydraulic proportional dosing pump 1 DOSATRON dosing device/dosing pump, hydraulic proportional mixing dosing pump, directly installed on the process water pipeline. The proportional dosing pump is driven by the kinetic energy of the water flow in the pipeline. Its driving force is that the water pressure is driven by the pressurized water flow, and the concentrated medicine is inhaled quantitatively in proportion, and then mixed with the water as the driving force. The fully mixed water and medicament under the action of hydraulic pressure are then transported downstream. The inhaled (dosed) agent is always directly proportional to the volume of water entering the proportional dosing pump, and has nothing to do with changes in water pressure and water volume in the pipeline. So as to achieve direct flow ratio mixing and dosing.



Disinfection system



Disinfection system



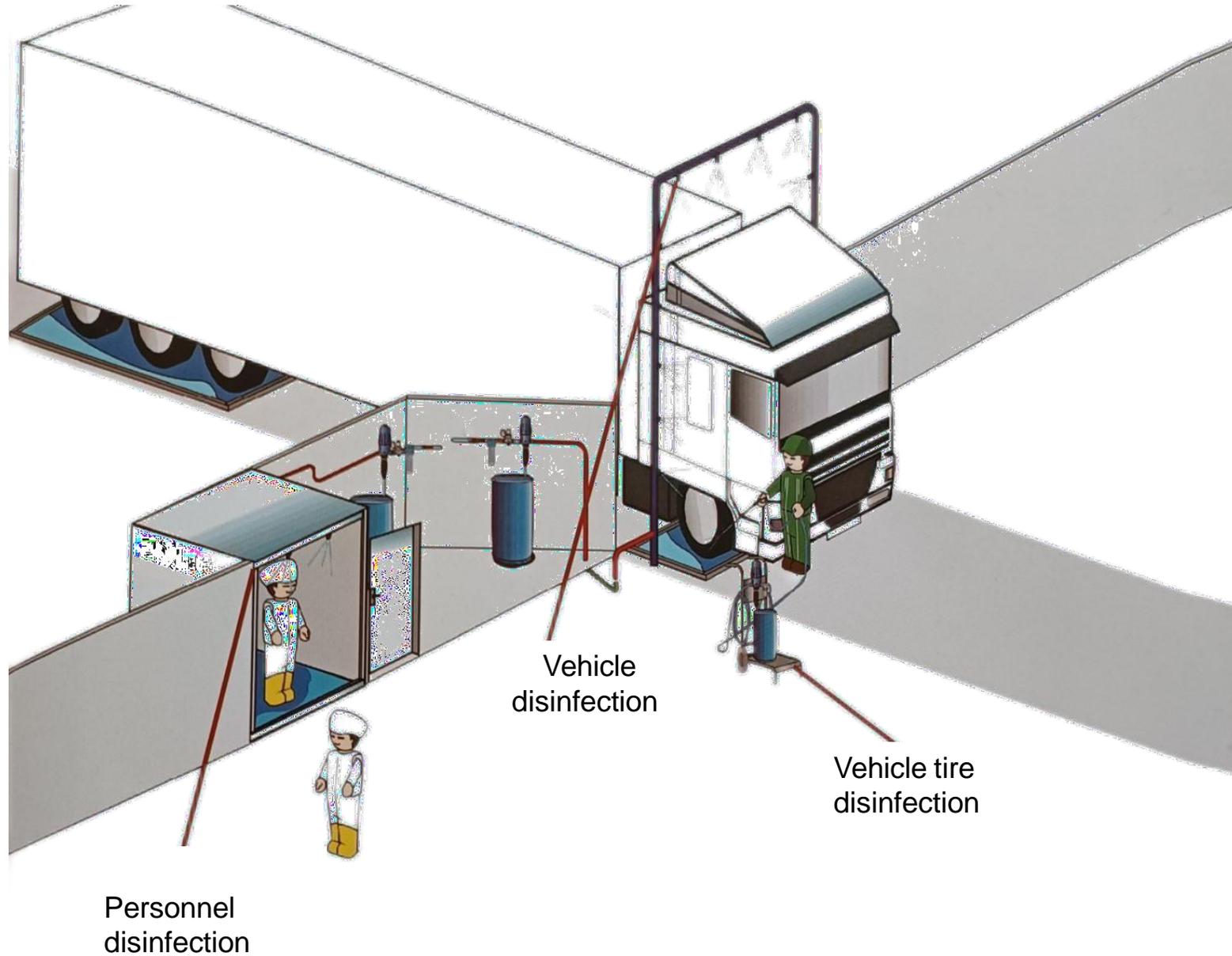
Rust removal, cleaning, odor conditioning

Atomization equipment





Disinfection system



Drying system



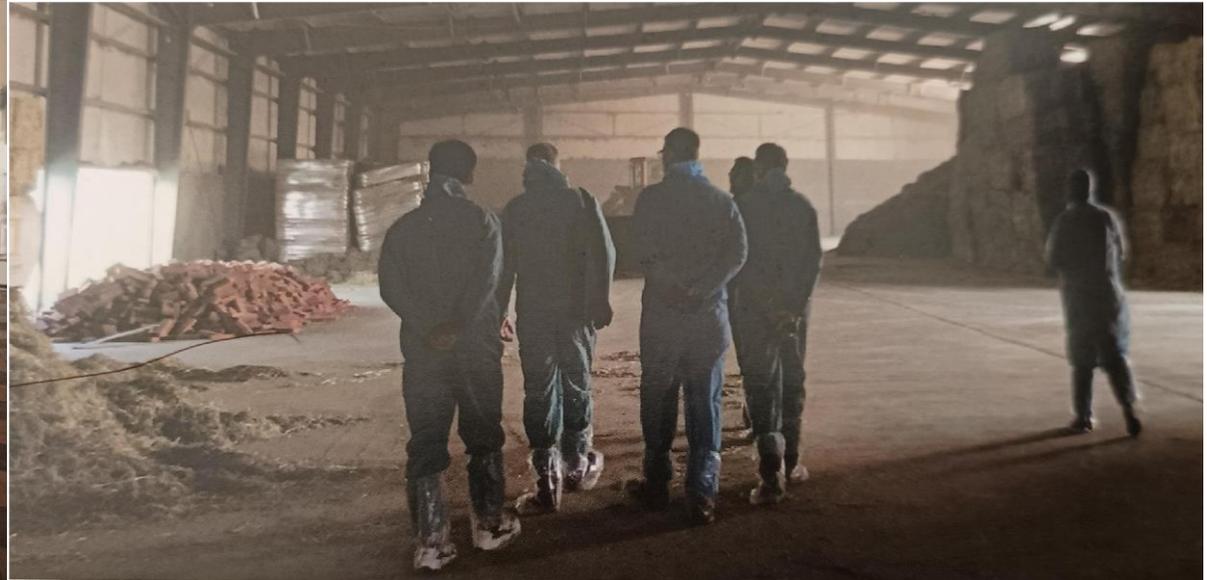
After the vehicle is disinfected, it needs to be dried. This drying room not only heats up quickly. And low energy consumption. The vehicle can be dried quickly, saving time and improving efficiency.



03 After-sales Service



After-sales Service



Thanks for watching!

