



INSEMINATION SECTOR

Proper reproduction is essential for successful pig breeding. The first goal of any breeder is to get as many pigs from a sow as possible. The first step to that success is an impeccable genetic make-up and careful selection of sows. The yield also greatly relies on proper equipment and good work organisation. The sows need good care and extremely precise feeding. Any feeding deficiency may result in lower number of egg cells ready for insemination and a higher mortality rate of embryos. The importance of the boar, which stimulates the sows, cannot be understated during insemination. The insemination sector requires proper fencing for the boars to contain them outside of the mating room. Wide corridors and good layout of driving gates guarantee freedom of movement of the boars.



Saloon Stall

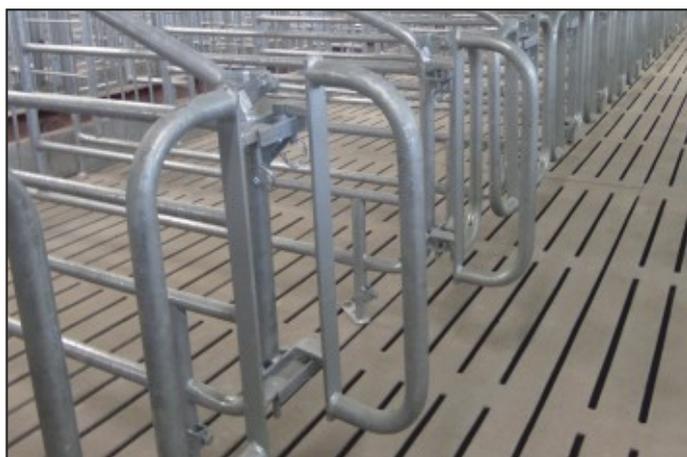
The Saloon Stall has been designed for sows in the insemination sector. The solution ensures comfort and effective work on the sow, as well as effective sow insemination. The Saloon Stall is made of hot-dip galvanized steel. The Stall feet are available in stainless steel on order. The back foot is floating, and the front foot can either be floating or permanently welded to the surface. Each Saloon Stall features a suitable closure in the rear. We offer 2 standard closure types: the Type P and Type D gates. The Saloon Stall with front and back gates allows designing narrow driving lanes.

ADVANTAGES:

- hot-dip galvanized steel and a sturdy structure ensure high durability and strength of the Stall,
- the floating feet can be fastened to all substructure types,
- the back gate is designed to facilitate insemination procedures and easy entry to the Stall without opening the door for better access to sow insemination with the animal contained in the Stall,
- the type T lock prevents the sow from opening the back gate,
- the front gate Stall version lets the sow exit from the front and enter from the back,
- the Stall can accommodate a lock type for young sows.



saloon Stall with Type P gate



saloon Stall with Type D gate

Boar Drive Gates

The Drive Gates are intended sow stimulation by seeking boars. A gate is installed every 5 to 7 stands in the aisle between the insemination sector. The Drive Gates are made of hot-dip galvanized steel, or in stainless steel on custom order. The Drive Gate size is adapted to custom needs of the breeder.

ADVANTAGES:

- the Gates allow one person to handle the insemination, which greatly minimises human labour time,
- the simultaneous stimulation of 5 to 7 sows by one boar streamlines work and reduces the insemination time, which greatly favours mating efficiency and piglet yield from one sow.



solid Drive Gate for seeking boars



openwork Drive Gate for seeking boars

Boar Fences

The boar areas may feature openwork steel fences which are manufactured per specific process designs and according to custom requirements of the breeders. The materials we build from include stainless steel or galvanized steel pipes, square sections, bars and perforated sheets. The Fences are compliant with the EU Directives.



insemination sector: Boar Fences



manège, where semen is collected from the boar

ADVANTAGES:

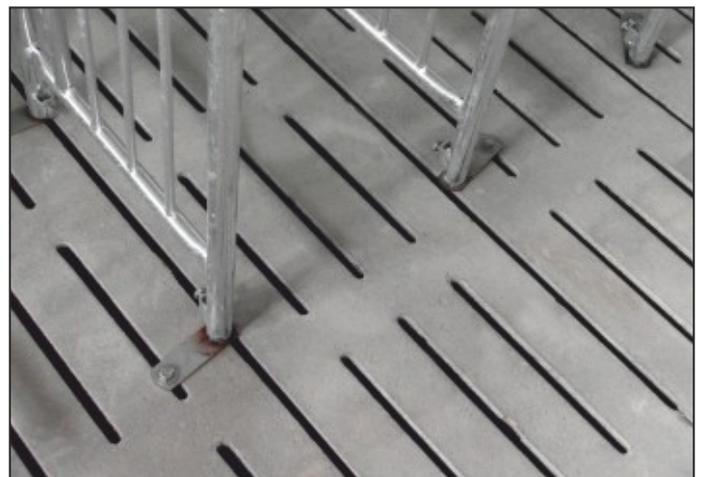
- the openwork fencing assures proper ventilation,
- the pen design ensures safe driving of animals to the manège,
- the manège posts protect the handlers collecting the semen from aggressive boars.

Insemination sector concrete slats

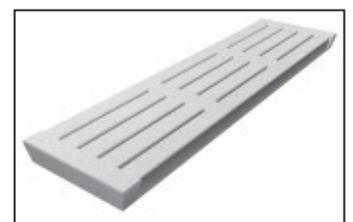
The functionality of every livestock building is defined by the floor structure and the manure removal system. Concrete slats are best for insemination sectors. The concrete slats are made of high quality materials to keep the flooring hard, free from soaking, and resistant to cracking.

ADVANTAGES:

- the slats helps keeping the room clean,
- the time saved on cleaning can be spent on sow handling and monitoring,
- easy to clean and sanitize, which is extremely important for insemination.



concrete slats in a insemination sector; an SST foot is shown



Self-leveling system „Aqualevel”

Maintains a constant water level in the trough. The regulator contains an integrated sealant and a stainless steel cover. The maximum length of the trough is 720 cm, while maintaining the appropriate floor level. Aqualevel regulator works on the principle of vacuum operation, on a rubber diaphragm that closes the regulator. The closing function is integrated in each controller

ADVANTAGES:

- the valve maintains a constant water level (similar to a float valve), but cleaning is much simpler as the valve is installed about 1m above the water surface,
- controllers can be closed individually.



flap, installed in concrete slats

Troughs

When designing a livestock building, and especially the feeding lines, the layout of troughs in pens is of great importance. The size and type of troughs must be well chosen to the stock of pigs. Two types of troughs are used in the insemination sector:

- stainless steel troughs,
- stoneware or polymer concrete troughs.

ADVANTAGES OF STAINLESS STEEL TROUGHS:

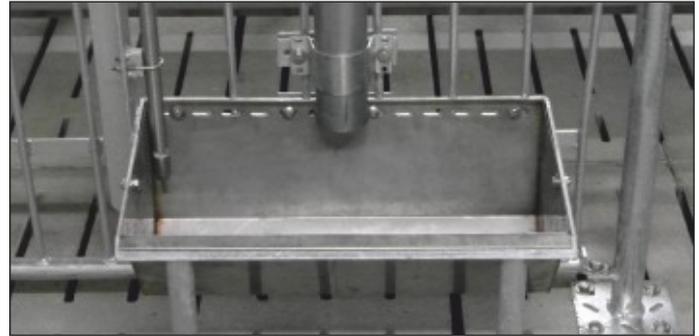
- easy to clean,
- resist corrosion and aggressive environment of the sty,
- available in single and double-sided versions in custom sizes,
- easy installation and removal of the trough and the pen allows readaptation of the insemination sector,
- the troughs can accommodate the Aqualevel self-levelling system,
- the high front brim prevents spillage of feed.



abrevaderos largos para cerdas en el sector de apareamiento



stoneware trough in the boar area



stoneware trough for sows in the insemination sector



stoneware troughs

ADVANTAGES OF STONWARE TROUGHS:

- stoneware troughs are highly resistant to chemicals, acids and alkalis of the feeds,
- the troughs can accommodate the Aqualevel self-levelling system,
- no sharp edges to limit loss of feed,
- the uniform smooth surfaces prevent soaking of water.



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