

HEADQUARTERS

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THE EUROPEAN REGIONAL DEVELOPMENT
FUND AND THE MINISTRY OF INDUSTRY AND
TRADE OF THE CZECH REPUBLIC SUPPORT
INVESTMENT IN YOUR FUTURE.



FULLY SLATTED FARROWING CRATE



PARTLY SLATTED FARROWING CRATE

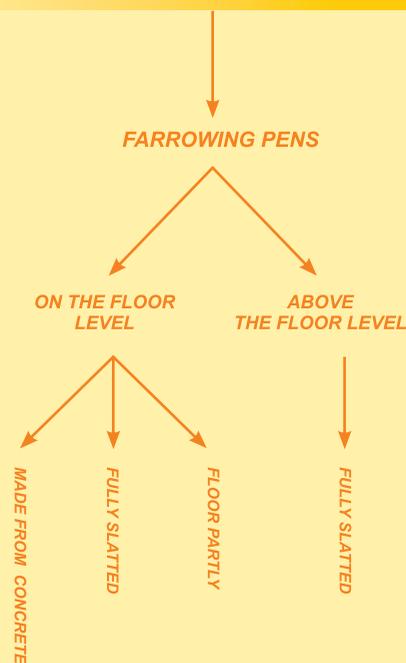


FARROWING CRATE WITH CONCRETE FLOOR



FARROWING CRATE ON LEGS

SOWS



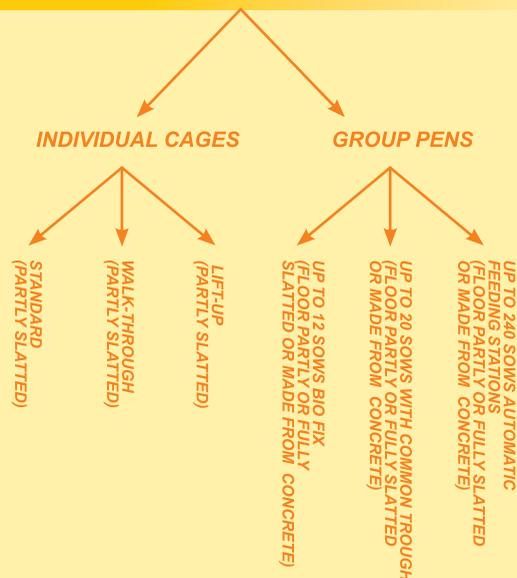
Farrowing pens

These pens are designed for housing of sows in the period shortly before farrowing till weaning of piglets (21 - 42 days). The shape and size of the cages can be modified according to particular conditions in the barn, but they always must match the needs of the animals. The farrowing pen is always equipped with a farrowing cage, drinker, heated nest for piglets, feeder for piglets, slats and other accessories.

Gilts

The housing of gilts is a very special matter, which is solved individually according to the needs of the farmer.

PRASNICE JALOVÉ A BŘEZÍ



Individual cages

These cages are designed for individual housing of sows in the period from weaning till the pregnancy is tested. The lift-up cages can be also used for housing of sows. It is advisable to make an aisle on both sides of the cage where the boar can be housed for the reason of heat detection.

Group pens

The group pens are designed for housing of the pregnant sows. The dry feed BIO-FIX system provides the same feed ration for all the sows in the pen. Housing of sows in the pen with common trough is used in systems with liquid feeding. The automatic feeding stations are the most precise device for individual dosing of feed ration. They can be used for dry as well as for liquid feeding.

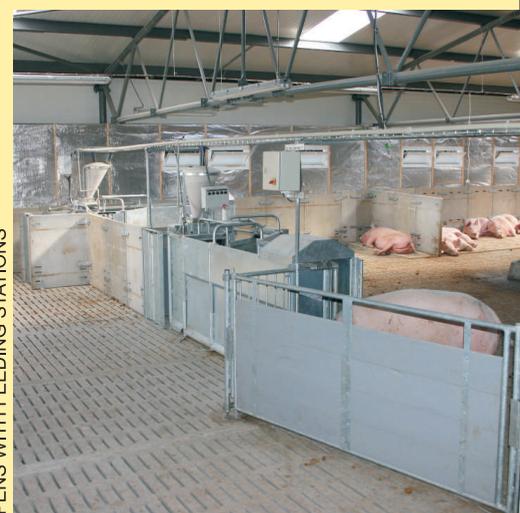
WALK-THROUGH INDIVIDUAL PENS



INDIVIDUAL PENS



PENS WITH FEEDING STATIONS



BIO-FIX PENS





PENS WITH FULLY SLATTED FLOOR



PENS WITH PARTLY SLATTED FLOOR

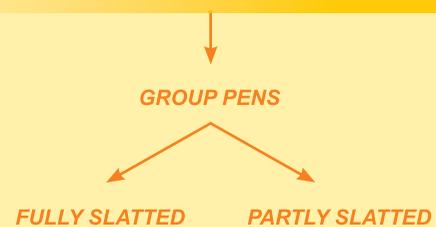


PENS WITH FULLY SLATTED FLOOR



PENS WITH PARTLY SLATTED FLOOR

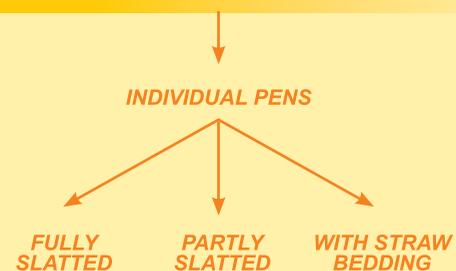
WEANERS 7 - 35 kg



Group pens

The size of the pens depends on individual local conditions. The feeding system can be designed both for dry and liquid feed. The pens can be equipped with different types of fences, heating plates, nests, drinkers, slats and other accessories.

BOARS



Individual pens

The design and positioning depend on the housing system of sows. The size of the pen is designed in compliance with the way of mating the sows.

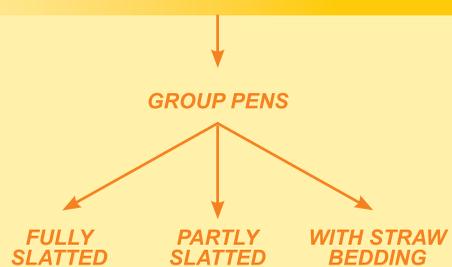
INDIVIDUAL PENS WITH FULLY SLATTED FLOOR



INDIVIDUAL PENS WITH STRAW BEDDING



FATTENING PIGS



Group pens

The size and the equipment of the pens depends on particular conditions. We can deliver the complete technological equipment (fences, drinkers, ventilation systems, dry and liquid feeding systems etc.).

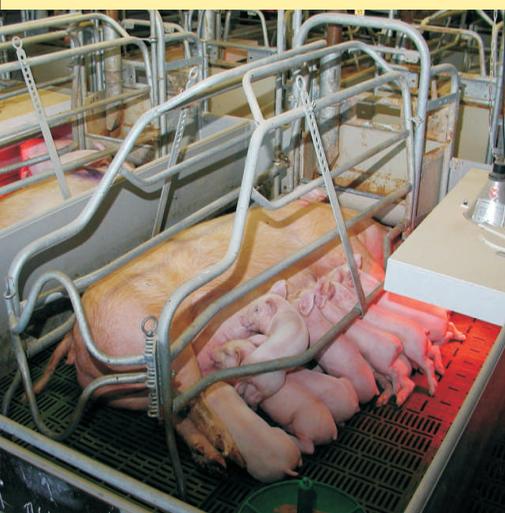


FENCES

Farrowing cages

Our cages are designed according to their positioning, size of the sows and equipment (troughs from different materials, different feed drops for dry and liquid feeding, drinkers etc.).

FARROWING CAGE



Individual cages

The individual cages can be fixed, walk-through, lift-up, with horizontal or vertical fencing.

The rear gates are designed according to the size of the sows to ensure an easy access to her. In each cage there is a drinker and a trough.

INDIVIDUAL CAGES



Fences

The fences are always made in compliance with the norms and rules for housing of the particular category of animals.

They are made from different materials - galvanized steel, stainless steel,

CONCRETE FENCING



concrete and plastic material, in various combinations. The design of the pens always respect the particular conditions on the farm.

STEEL FENCING



DRINKERS

The drinkers must always respect the needs of the category they are designed for. We usually use nipples or bowl drinkers.

BOWL DRINKERS



STORAGE - FEEDING

Glassfibre silos

The glassfibre silos are used for storage of dry feed. The sizes vary from 3,5 t up to 32 t.

GLASSFIBRE SILOS



HOPPER



TRANSPORTATION
- FEEDING

Cable conveyors

We use the Daltec feed conveyors. The feed is transported in a steel tube by means of a special cable with plastic discs. The system can transport up to three different feed types.

DALTEC DRIVE UNIT

Spiral conveyors

The spiral conveyors are used in simple short systems. The capacity depend on the diameter of the conveyor.

FEED DROP ABOVE THE SILO

Screw conveyors

This type of conveyors is used for transportation of big volumes of feed on short distance (e.g. from the silo to feeder wagon or to the mixer of the liquid feed).

TROUGH CONVEYOR

SCREW CONVEYOR

FEEDING SYSTEMS

Datamix

Datamix is an automatic liquid feeding system. The system can mix up to 40 components, control the distribution of the feed and its dosing to particular feeding place. This system can be used for all categories of pigs. The system is controlled by a modern control unit Multifeeder 5000. This control unit works in an user-friendly environment similar to Windows. The components of the system are connected in the communication standard P-net, so the data on the screen always show the actual status of the system as well as of the running processes.

The control unit can be also equipped with a portable terminal, or can be connected to a management PC and/or to a printer. Furthermore it can be also connected to internet. This allows the remote service in the real time. The system is always designed in compliance with the individual conditions and the customer's wishes.

BIO FIX

The BIO-FIX system provides the same feed ration for all the sows in the pen. The feed transportation is done by the Daltec system.

MIXING TANK

OFFICE

DOSING VALVE

BIO-FIX



FEED DISPENSERS

Feed dispensers

The feed dispensers are used for individual feeding. All the dispensers are filled by the Daltec system and then all at once opened, so that the feed falls down to the troughs.

Feeders

The feeders are used for the ad-lib feeding. We produce different types of feeders designed for particular categories of animals. The feeders are made mainly from stainless steel and plastic materials.

Troughs

For all categories of animals we offer the polymereconcrete and ceramic troughs in different shapes. For weaners, sows in farrowing cages and boars we also produce troughs from stainless steel.

Automatic feeding stations

The automatic feeding stations are the most precise system of individual dosing of feed for sows in gestation sections. The feeding stations can dose both dry and liquid feed (in both cases can be fed 1 or 2 feed mixtures), with additional possibility of dosing minerals and vitamins. The doses of feed are controlled by the computer. The whole system is controlled by a program which offer a good overview about the whole herd. The amount of feeding rations are unlimited. One feeding station



STAINLESS STEEL FEEDER FOR PIGLETS



TROUGH FOR SOWS



FEEDING STATIONS

can feed up to 60 sows. They can be equipped with selection gates and heat detectors. The control unit can control up to 60 feeding stations.



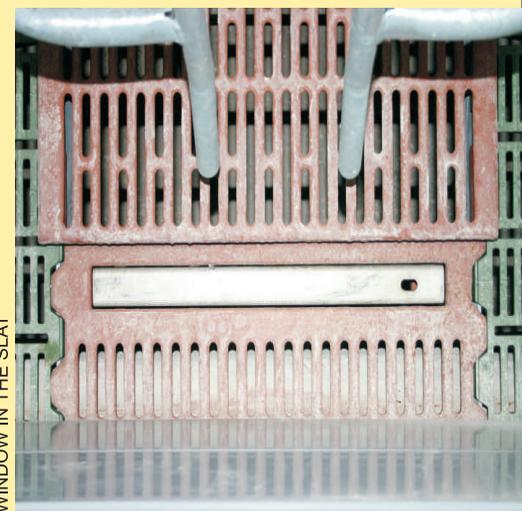
EXIT FROM THE FEEDING STATION

FLOORS, SLATS

For sows we use fully concrete floors or concrete, plastic or cast iron slats. Except of the cast iron slat all the above mentioned flooring systems can be used for weaners, too. For fatteners we mainly use fully concrete floors or concrete slats. Only in exception cases we design the deep straw system for fatteners.



CONCRETE SLATS



WINDOW IN THE SLAT



MANURE REMOVAL

The manure removal must be always fully automatic.

For the removal of manure from the channels we use a rope scraper or a plug system.

MANURE PLUGS

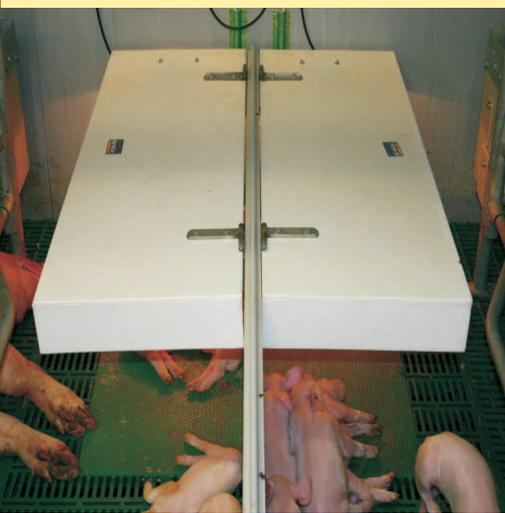


MANURE CANAL

NESTS

For an easy cleaning the nests can be lifted up and locked in the upper position. The shape of the nest depend on the shape and position of the farrowing cage. The nests can be heated either by means of electric power or by hot water. Some types of heating plates can be equipped with temperature control (energy saving). The nests for weaners are similar to those for piglets, the only difference is in the dimensions.

NEST FOR PIGLET



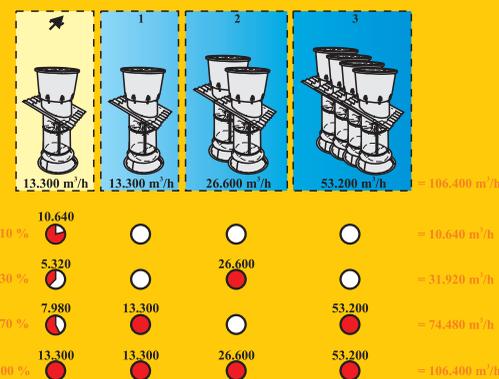
VENTILATION

The ventilation systems are designed individually for each farm according to the type of the buildings, their parameters, as well as the amount and category of the animals. The ventilation systems consist of air inlets and outlets, different ventilators, control units, servomotors, heating, cooling and air humidizing. The ventilation system can be also connected to PC.

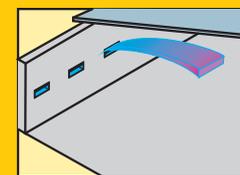
CONTROL PANEL



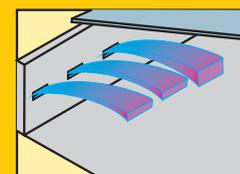
VENTILATION CHIMNEY

MultiStep a Pokročilé řízení přívodu vzduchu
Advanced Inlet Control (AIC)

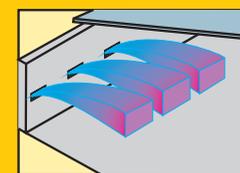
Advanced Inlet Control (AIC)
Dosažení ideální distribuce vzduchu a zamezení předčasněho "padání" studeného vzduchu do zóny zvířat.



The fresh air is concentrated in one inlet



The delayed inlets open at 30 % ventilation



At 100 % ventilation all inlets are fully open

Snižování spotřeby energie o 50 %

Ventilace je méně citlivá na vliv větru

Méně nepříjemných pachů

100 % plynulé řízení ventilátorů



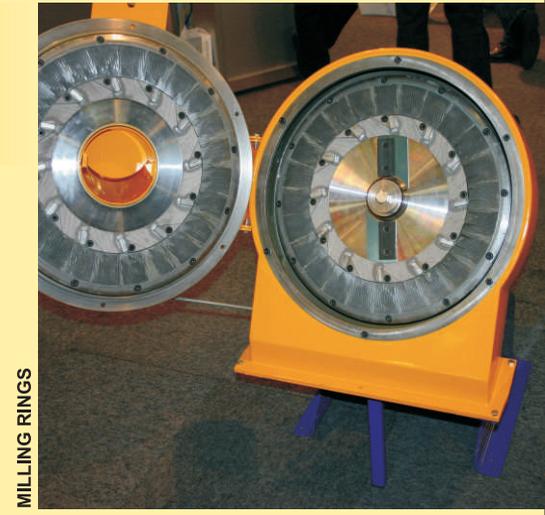
ACCESSORIES

Disc mill

Toys

Slurry separators

Technology for slurry pumping and mixing



MILLING RINGS



DISC MILL



TOYS

