

Product Catalog
2018

Swine Industry

Turnkey Projects,
Equipment &
Services



INDIV[®]

indiv.com

Poultry and swine equipment with
expert service around the world

INDIV® is **ROTECNA®**'s official representative and distributor for all their line of products, a wide array of equipment exclusively manufactured for swine farms.

ROTECNA® holds a leading position in the sector with presence in more than 70 countries.

This company's leadership is the result of constant innovation, proprietary design and quality and rigorous manufacturing practices with **ISO 9001:2008** quality certification. Such features translate into a more efficient production model, which benefits animal well-being, biosafety and hygiene, food safety and respect for the environment.

Integral Solutions

INDIV® is a brand of international prestige as manufacturer and equipment and system integrator for the swine industry.

Gestation, Maternity, Weaning, Fattening, Artificial Insemination Centers, Replacement females.

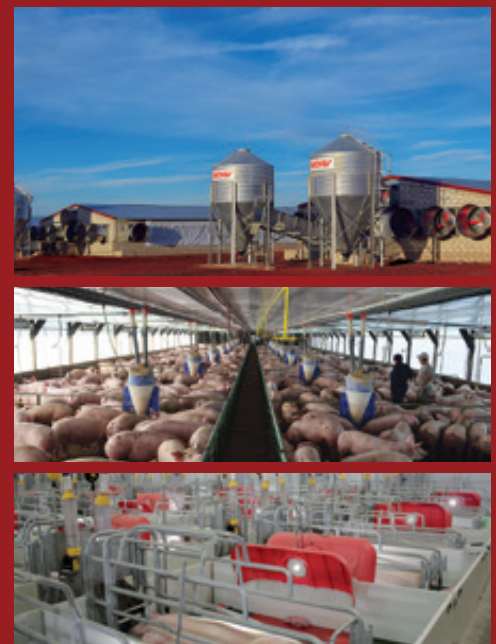
Our solutions are present in each and every stage of the intensive swine production cycle.

Ranging from housing (specially designed for its purpose), climate control expertise, and equipments fit to meet the needs and priorities of each producer, to the best post-sales service and stock of parts.

From consulting to startup

We have a multidisciplinary group of professionals with many years of experience in the sector. We also have a technical department for facility startup.

We engineer, design and manufacture our own equipment and we are official representatives of world-renowned product brands.



INTELLITEK Sow Feeding Station



Thanks to the most efficient and versatile machine in the market, your breeders will optimize their potential due to individual and accurate feeding within a free-range pen environment.

- Capacity: 70 to 80 animals per machine.
- Suitable for static or dynamic groups.
- Exclusive gilt training program.
- Wi-Fi and multifunction pocket computer.
- Capacity: up to three types of food with up to 20 different feed curves.
- Enclosed feeder with identification. Non-productive time is minimized.
- Double exit door and classifying door with maximum capacity verification.
- Integrated Regumate unit.
- Translucent color marker.

Handling of the system via Wi-Fi with a Milan-Touch multifunction pocket computer

Control the condition of your female swine in real time and from any position in the house via wireless mode, without having to approach the machine. Increased operator comfort and improved animal control.



Technical support 24/7

We are the only company in the country with its own technical service specialized in electronic feeding systems.

We are at your service for training and problem-solving situations in both the farm or remotely.

Waste Management and Environment

Composter of Corpses and Organic Material



Solid-Liquid Separator for Effluent Treatment



Plates Feeders · Hoppers Feeders



Slats · Fences · Supports



Drinkers · Dispensers · Chain and Auger Food Distribution Systems



An investment with fast return..!



Accurate and permanent control of the static pressure and air speed inside the building allows offering animals comfort at any time of the year.

The system ranges from minimum timed ventilation in winter, stages of natural ventilation during benign outside weather conditions, to high-speed cooling ventilation for

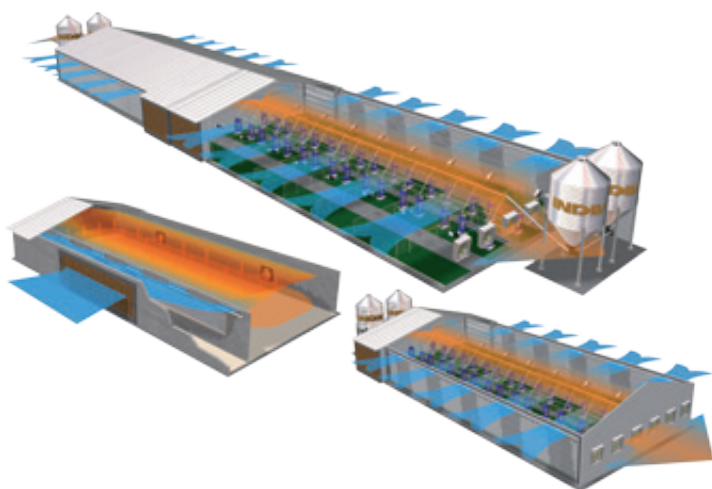
warm climate conditions.

INDIV® climate control systems are self-controlled and depend on outside weather and the conditions inside the premises and operate by using different automation options.

Winter

In winter, adequate climate control allows saving heating costs and renewing the air inside the building without air flows at animal level.

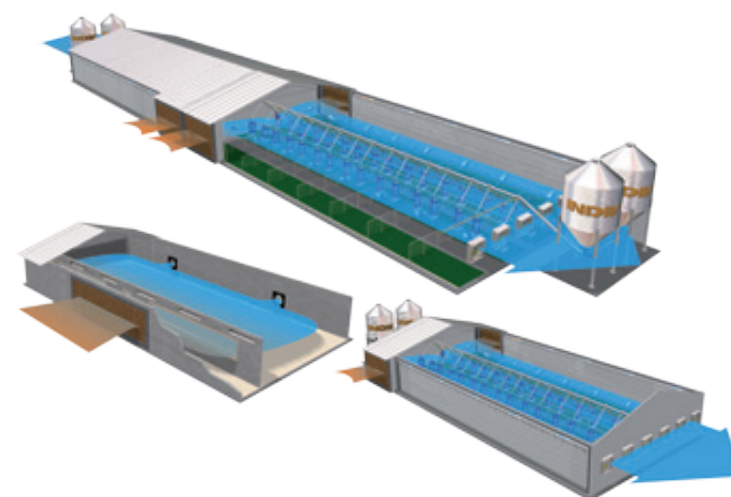
So, the greater thermal comfort represents improvements in daily weight gain even in winter, due to increased animal activity and optimal feed conversion. The difference between lot uniformity is also noticeable, and at the same time stagnant or humid air zones are prevented.



Summer

In summer, adequate control of air speed and static pressure inside the building translates into a significant increase in daily weight gain due to thermal stress prevention and to keeping the animal in its neutral thermal zone.

There is also increased lot uniformity, resources optimization and more animals per square meter.



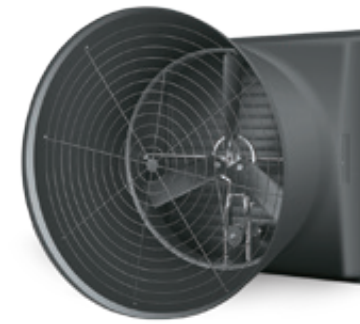
- > Our climate control systems can be programmed for all house types and designs.
- > We offer all options, ranging from more complex and automated climate control systems to more simple and inexpensive ones.

All types of air extractors



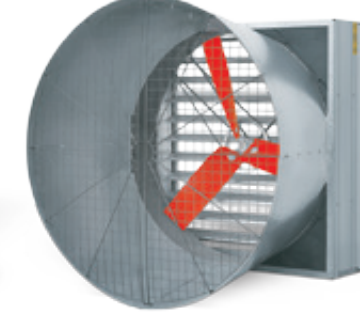
Stainless steel

Stainless steel air extractors are more economical than plastic ones but show interesting extraction yields, service life and efficiency.



Anticorrosive plastic

In highly corrosive environments, such as swine farms, plastic is an optimal option that combines efficiency and long service life. We have a complete array of full-plastic 20, 24, 36 and 50"-diameter air extractors with aluminum motors.



Galvanized steel

As an also inexpensive alternative, we provide a line of extractors manufactured in galvanized steel. Although their service life is somewhat limited due to the swine farm corrosive environment, they are equally efficient for their specific function.



Fiberglass Vplus

A response to the energy challenge: A super efficient variable speed fan with substantial energy savings. It is among the highest performance and efficiency.

Water Cooling Systems

Evaporative pads

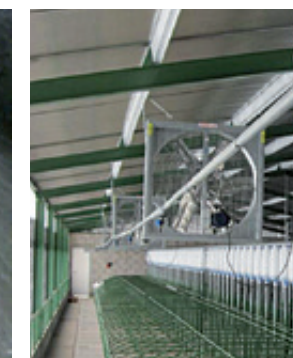
The evaporative cooling system is a process that reduces air flow temperature by evaporation of water transporting the air to be cooled through wet pads placed at the air inlets of the ventilation system.

As the air passes through the pads it absorbs water, which provides a higher capacity for heat removal. The larger the amount of water evaporated in the air going to the house, the larger the temperature reduction shall be.

In this way, by means of air humidification and an appropriate ventilation design to achieve adequate circulation and renovation rates, it is possible to reduce ambient temperature to between 41 and 57 °F.

Water spraying

- Thick drop spraying to wet the skin of the animals.
- Fine drop spraying to wet the air.
- Cooling pad with integrated fan.



- > Ask us about our available options for **INDIV®** cooling systems and find the optimal one for your project.

Ventilation

GASOLEC infrared heaters

Gas, natural or bottled. Clean combustion and maximum efficiency. Simple design and solid stainless steel construction. An economical, profitable, highly efficient and very simple to install solution for heating swine production houses.

Models of 10,000, 17,240 and 40,000 BTU



Electric heater for environment heating

With electronic ignition for automated commands by means of the climate control system controller.

Low maintenance and labor. Lower consumption due to the absence of a pilot light ignition.

Models of 25,000 and 75,000 BTU.



Curtains with manual and automated operation

An efficient curtain system is essential for an accurate control of ventilation and house environment.

Lifting can be done manual or automatically and we have machines for such automation. Lifting elements are of plastic or stainless steel.

The curtain electromechanical drop control system is a practical and simple device that lowers the houses' curtains in the presence of power shortages or high temperatures and can be optionally supplied.



Windows and inlets



Curved-shutter plastic windows

Long service life despite its plastic construction. The curved profile improves air intake towards the center of the house allowing the air to flow along the roof slope.

Wall windows

Windows open and close as a function of the depression created by the extractors. An adjustable counterweight for balancing multiple air intakes allows adjustments for lower or higher static pressure. Designed for directing the air flow to the roof area. Translucent, to allow light entry and visual control of the pens.

Roof inlets

Roof inlets are installed in houses with false roofing, providing optimal ventilation and favoring the environment inside the house.

Electronic controllers

ROTEM® electronic controllers, the leading brand in the sector, are very easy to operate and allow automation of the entire farm variables. They allow measuring temperature, humidity, wind, static pressure, CO2, water, food and the entire required elements for animal comfort during breeding. PC-integrated for complete remote control from an office or a mobile phone. They also manage alarms sending out event notices to up to 10 mobile phones. We provide training for usage and technical update seminars.

INDIV® electrical panels

Comprehensive solution and greater convenience for the producer: We design and manufacture electrical panels capable of integrating the logic of the ROTEM® controllers and for manual/automated management of all the equipments, satisfying the required safety conditions.

You only need to connect the equipment!



Prefabricated Buildings

INDIV®



INDIV® buildings will maximize the efficiency of your tunnel ventilation system with their quality insulation and tight seal.

Each building is custom designed based on the region where it will be erected. Wind ratings, snow loads, and seismic zones are taken into account for each project.

Technicians are available to be on the job site and supervise the local construction crew on the erection of the building.

Standard Features** include:

- Straight leg trusses on 10' centers
- McGirt or wood purlins on 36" centers
- 29 gauge metal for roof, end walls and side walls 20%

** Other designs available on request

Other available options: Service room · Buildings up to 66' wide · Open sidewall buildings

Silos and automated feeding

INDIV® silos are built in first-quality galvanized steel sheet, which provide exceptional strength and duration.

Manufactured in a wide variety of sizes to accommodate project needs.

The CNC machining of the parts ensures accurate adjustment between each part, eliminating the difficulties associated with field site mounting.



Thermal insulation

Two alternatives for thermal insulation in the house's roof using suspended ceilings:

1.- INDIV®'s INSULPLUS® thermal membrane

Polyethylene foam with 100% pure aluminum. Outstanding insulation, fully waterproof, prevents condensation, does not degrade over time and does not spread particles.



2.- Curtain + Cellulose

Special plastic fabric for use as ceiling and vapor barrier, plus insulation material made of projected cellulose. Very low thermal conductivity and mold and fire resistant.



> Ask us about other thermal insulation options.



INDIV[®]



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