

INDIV[®]

Integrated Projects, Equipment and Services for Poultry Production



Broilers . Breeders . Layers

Offering quality equipment and expert service to the poultry industry since 1964

indiv.com / indivusa.com

...working with producers to improve profitability!

Broilers



MaxPlus NG Feeder Systems

- The new streamlined, modern design of the NG feeder features a diameter of 14"
- Specially selected colors attract the birds to the feed pan, improving feed conversion in all stages of growth.
- The height of the edge of the plate to the floor allows baby chicks easy access to the food.
- High quality, resilient plastic component parts ensure years of trouble free use.
- Easy to assemble and disassemble, allowing for a quick cleaning process.
- Th NG feeders have 4 settings for the feed output, and can be adjusted according to the user's needs.
- The NG feeders are supplied with a standard opening / shut-off valve.
- The pan's interior dividers keep chicks out of the feeders, helping to keep litter out of the pan, which reduces contamination



Available in two versions
NG-4C – With 4 spokes
NG-14C – With 14 spokes

Companion Turbogrow® Feeders



TURBOGROW 1®

- Effective supplementary feeding for baby chicks during the brood cycle
- Can be used on the automated line or for manual filling, with broilers on the floor or in cages.



TURBOGROW 2®

- For baby chicks between day 1 and day 15
- Rounded rectangular design allows more space between automatic feeders for chicks to migrate easily between feeder and drinker lines
- Fast assembly and disassembly.
- Easy to wash and store.
- Useful perimeter of 100 cm, for a density between 75 and 100 birds.



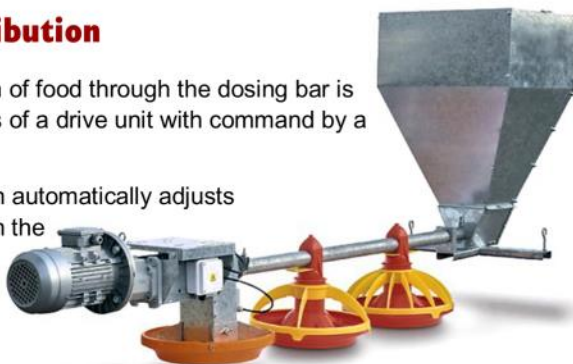
TURBOGROW 3®

- For the reception of the broiler during its first 15 days of life.
- Cylindrical-conical design consisting of a wide mouth hopper with 6 windows of feed distribution and flat plate staggered
- 10kg capacity
- Recommended density: 1 feeder for every 50 to 100 birds

Feed Distribution

The distribution of food through the dosing bar is done by means of a drive unit with command by a gear motor

The control pan automatically adjusts dosage through the feed line.



Mid-line control pan works with any brand of feeders



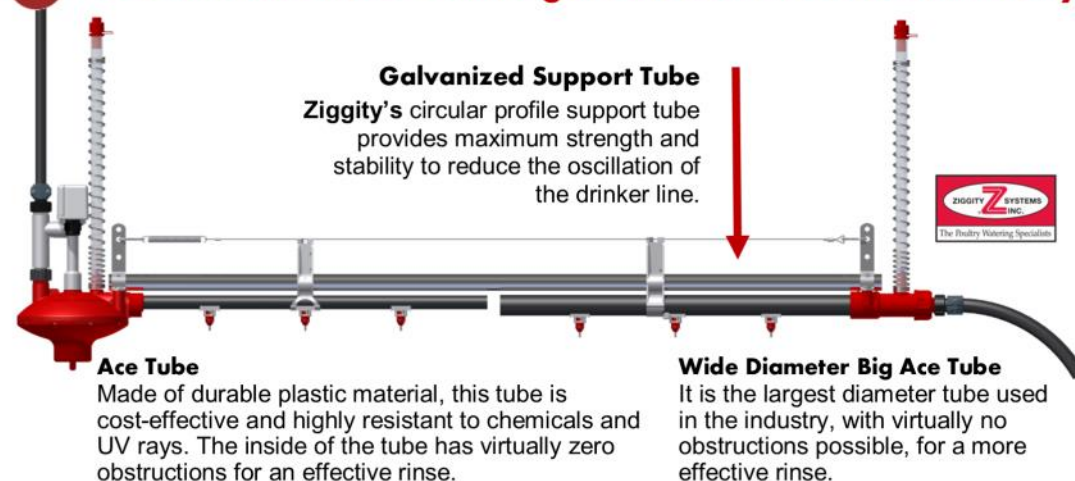
Gear drive with Motor

Direct drive control unit



Broilers

ZIGGITY Drinkers – The right amount of water for every occasion.



Galvanized Support Tube
Ziggity's circular profile support tube provides maximum strength and stability to reduce the oscillation of the drinker line.

Ace Tube

Made of durable plastic material, this tube is cost-effective and highly resistant to chemicals and UV rays. The inside of the tube has virtually zero obstructions for an effective rinse.

Wide Diameter Big Ace Tube

It is the largest diameter tube used in the industry, with virtually no obstructions possible, for a more effective rinse.

Birds, bed and drinkers that simply perform better
If you look for excellent returns in broilers, dry beds and drinkers designed specifically for the way birds drink, then you need **Max3** drinkers.

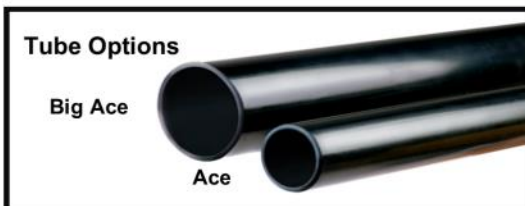


- **Max3 TL** for dual Ziggity systems lock.
- **Max3 Aktive** for lock systems, simple or J-Lock.

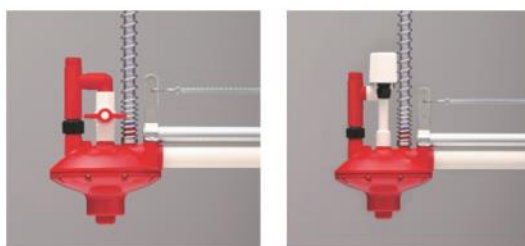
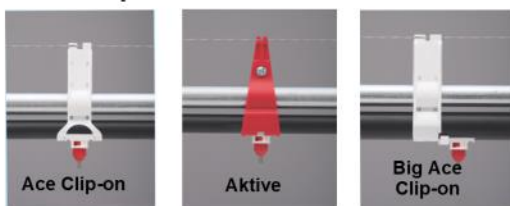
Manufactured with high quality components. Easy to install. As an added value, Max3 has a 10 year guarantee.

Benefits of Max3 Drinker.

- Pin with drive concave head that provides a very simple activation for birds.
- Components made of corrosion resistant stainless steel for a longer useful life.
- Hardened stainless steel inserts that helps prevent premature wear of the drinker.
- Our drinking systems for birds on the floor use the exclusive **Ziggity Max3** drinkers.
- With its advanced technology components, birds get all the water they need without spills, at every stage of their growth.
- The intrusion of the saddle in the line pipe is minimal, ensuring very good water flow during normal operations and in rinses.



Bracket Options



Regulator

Delivers high water volume at the low pressure required for no-spill drinking. Built in flush valve makes for easy removal of sediment, biofilm and air.

Solenoid Regulator

For automatic and unattended system flushing. Requires connection to a controller or timer with 24 VAC output.



Slope Neutralizer

Reduces slope pressure by a present amount, requires no adjustment and maintains system pressure setting even when birds are not drinking. Required in sloped houses only.



Final Assembly

Opens automatically during the flush mode for easy and effective flushing.

Transportation of Live Chickens

- Made with 100% virgin high density polyethylene + UV additive (FDA and EEC compliance). Temperature resistance: 120 ° C / -40 ° C.
- Smooth surfaces with polished edges for better care and handling of birds.

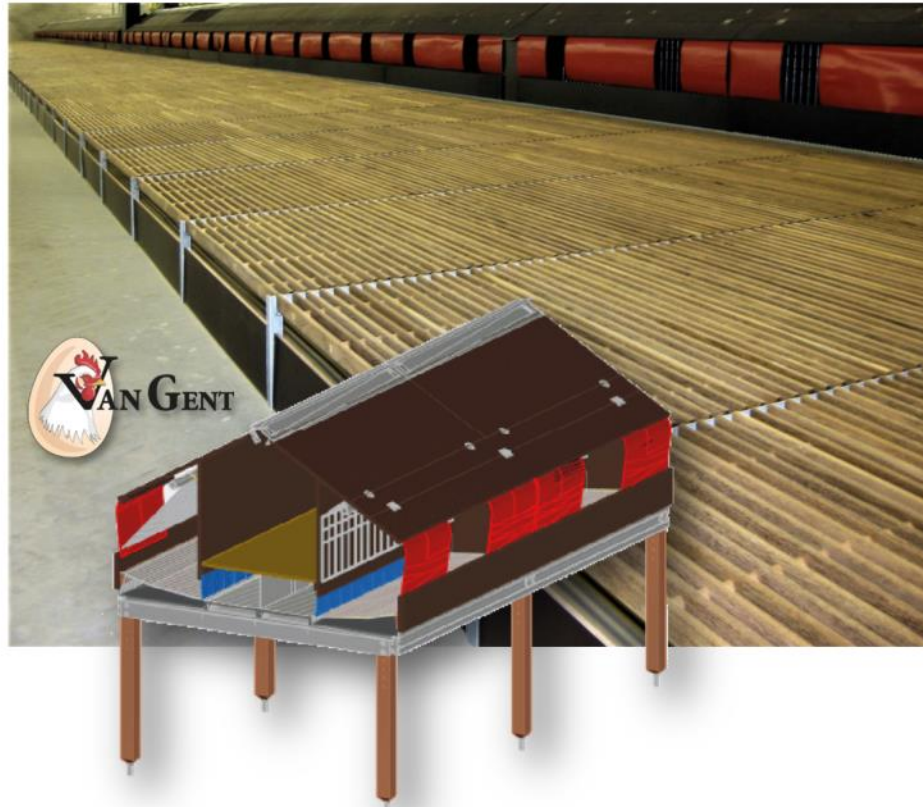


Nests

VanGent's latest generation in automatic community nests for breeding hens, broiler breeders & cage free systems

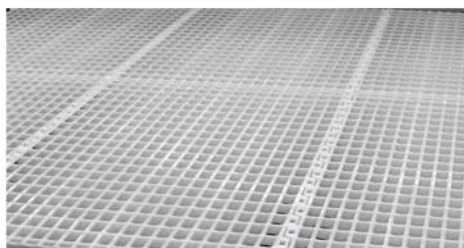
VanGent Roll-Away Laying Nests

- Suitable for incubation as well as table eggs.
- Built with first class wooden panels, plywood on both sides, ensuring its easy cleaning and long useful life.
- Modular design, simple and stable construction make assembly quick and easy.
- A mechanical timer activates the expulsion system. This system makes the hens leave their nests and closes at the end of the day, avoiding dirty nests and broody hens. The result: Clean eggs are obtained.
- With the exclusive dual system of expulsion grids, the entire area of the nest can be used and it results in a familiar and comfortable environment. The artificial turf nest pad "Astro-Turf" has perforations that keep the nests free of dust and dirt. The natural environment of the nest allows the birds to feel comfortable to lay the eggs.
- The nest offers two separate conveyor belts, 25cm wide each, this makes the egg roll less, limiting to a minimum the possibility of broken eggs. The belts are made of polypropylene (PP), fabric or perforated.
- The roof of the nest is articulated. One part is for the inspection of the nest. The other part can be removed to inspect the conveyor belt. This sector functions as a tunnel: It prevents the formation of air currents inside the nest and also maintains the tape free of particles and dust that can dirty the eggs and the belt.



Hard Wood Floors

- Durability Class 1
- Brushed wood on all four sides
- Rounded angles
- Various sizes
- Modulated for easy expansion
- Easy to clean
- Mounting with stainless steel clips
- Separation of the slat 25 or 20 mm



Plastic Floors

- Curled structure provides a good bird grip and excellent filtration
- Easy to clean
- Solid construction
- Size: 980 x 625 mm and 1,170 x 625 mm
- UV stabilized polypropylene
- Net: 40 x 22 mm



The nest offers 2 separate conveyor belts: polypropylene (PP) and woven perforated. This makes the eggs roll less, thereby limiting the possibility of broken eggs.

Smart Manual Nests

- Maximum production of high quality hatching eggs
- Minimum cracks in eggs / Minimum floor eggs
- No need for bedding material, which can bring infection
- The eggs are collected from the central egg belt, resulting in quick cooling of the eggs, which reduces contamination
- The perforated egg-belt keeps the eggs apart to prevent cracking and breaking
- The nest is made from Turfmat (as open mat) which means all dirt and manure particles can fall through, resulting in cleaner eggs.

Patented Design



SKA Feeder Lines



ATOS

- Specific for feeding by separating males and females
- Extremely robust
- Clean access
- Capacity: 10 to 12 birds per feeder



LYRA

- Of identical constructive characteristics and benefits that the ATOS feeder, only in this case the support is a combination of galvanized steel and high strength plastic



VEGA

- VEGA is the new innovative feeder for breeders developed by SKA
- Capacity: 16 birds per feeder

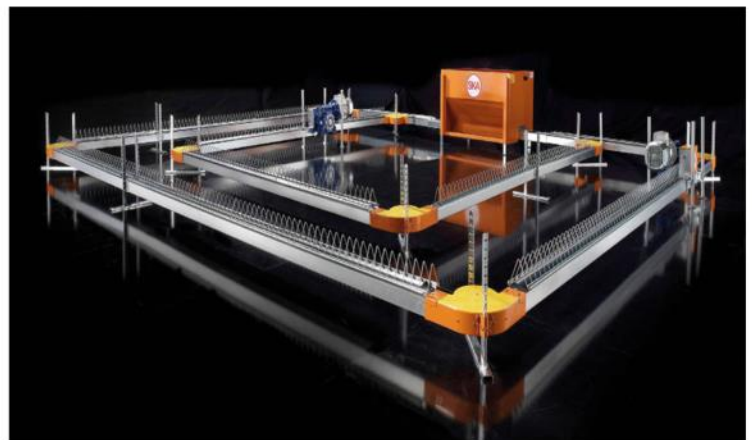
FLATLINE® SKA® Chain Feeding System

FLATLINE: It is the most popular solution for feeding breeders. The main feature is the flexibility of the system: its diverse number of components can be increased at any time and position, so that the system can be developed as necessary.

FLATLINE: It can be on the floor or it can be suspended completely to go up and down when necessary. Thanks to a range of different channels, FLATLINE avoids feed waste and encourages birds to behave naturally.

They are equipped with grills of various sizes and construction to prevent roosters from accessing female food.

SKA hardened steel chain is comparable in strength with the power of other important brands and stands out for its high resistance to load and wear.



Ziggity® Big Z System Heavy Drinkers Gender Specific

The same concept, quality and construction system that has made ZIGGITY® a leader in broilers, only larger and more robust for large birds.

The Ziggity Big Z Drinking System for Heavy breeders handles the difference in size between males and female breeders.

Proven Benefits.

Hygienic water delivery / Durable and wear resistant / They keep the bed and slats dry / Rinse (flushing) efficiently / Eliminate cleaning routines / Promote uniformity in Males / Provides water freely for the bird's consumption at any point.



Big Z Shielded Drinker

Standard Drinker

Light Traps for Breeder Barns

Controlled lighting in breeder barns helps to increase performance and uniformity.

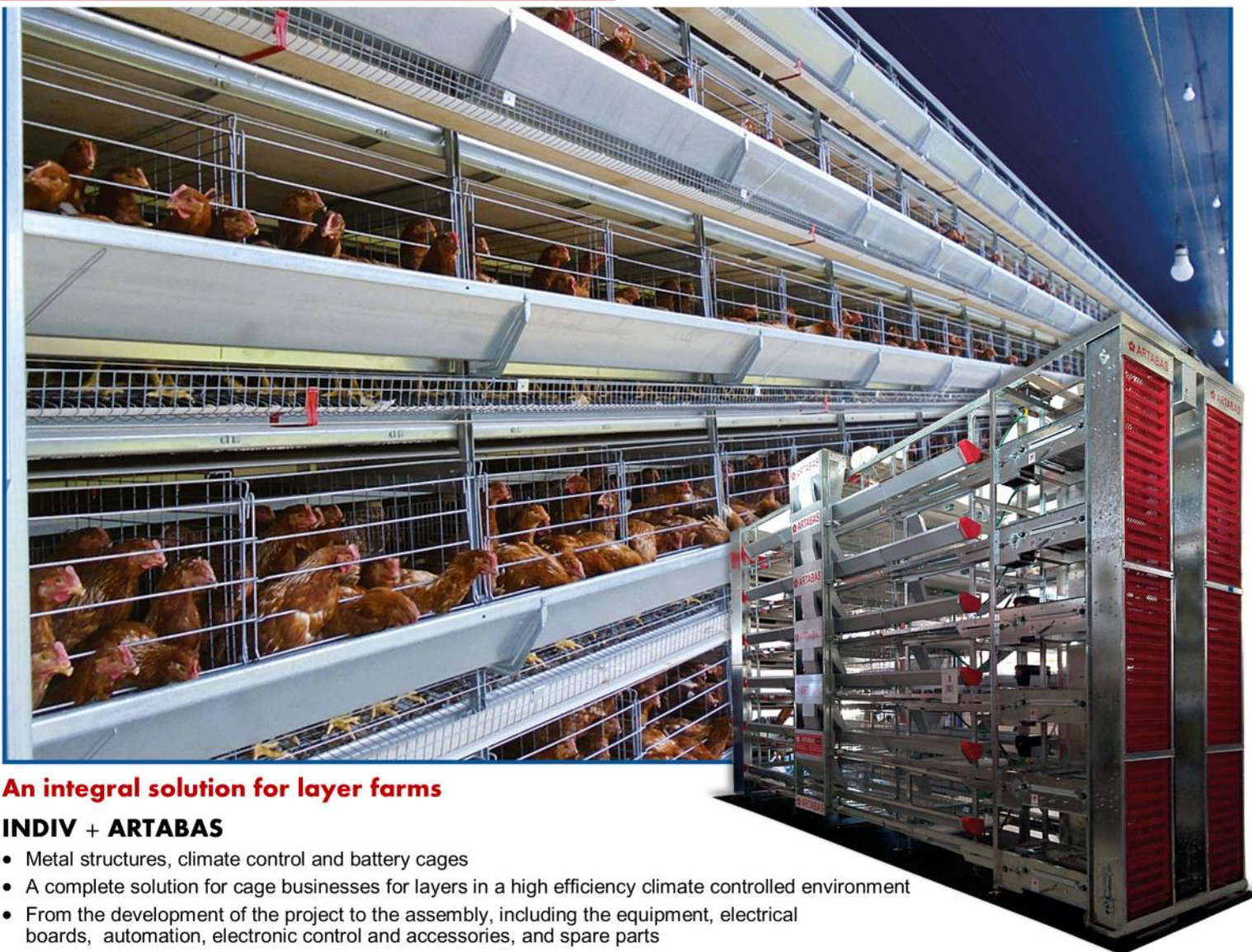


SKA® Convoy Egg Transport

Convoy is a transport system to move the eggs to the packing site that, thanks to a series of polypropylene crossbars hooked to a chain, allows the eggs to be transported over 40° slopes (84% of slope) up or down, without breaking them.



Cage Layers



An integral solution for layer farms

INDIV + ARTABAS

- Metal structures, climate control and battery cages
- A complete solution for cage businesses for layers in a high efficiency climate controlled environment
- From the development of the project to the assembly, including the equipment, electrical boards, automation, electronic control and accessories, and spare parts

Complete Projects

- Technical advice on mechanical, electrical and automation assembly
- Automated control systems
- Warehouse monitoring system with alarm managers
- Engineering to calculate structure and climate control
- Custom designed metal structures
- System designed and calculated to optimize ventilation by improving performance
- Cages custom designed with top quality materials
- Made with top quality galvanized wire
- Custom sized curtains made in house
- Adaptations and improvements for existing warehouses
- Veterinary advice
- Design for feed plants
- After sales technical service



Pre-Fab Buildings

Galvanized Metal Buildings For Broilers & Breeders

INDIV buildings are expertly designed by our in house engineers, taking into account the structure weight, along with installed equipment and a wind resistance as per the customer's requirements.

Our building are made from high quality galvanized steel for maximum corrosion resistance. Our smart design does not require on site welding, allowing for fast and easy assembly.

All accessories for installation of feeders, drinkers and ventilation are included as necessary.

Standard Dimensions

Total width: 12.74 meters (41.6ft)
14 meters (45ft)
16 meters (52.5ft)

- Sidewall height: 2.30m (7.5 feet)
- Peak height: varies by building width
- Distance between trusses: varies based on wind speed requirements
- Roof slope: 20%

***Other dimensions available upon special request**



For Cage Layers



Our closed metal box construction offers fast assembly and superior bio-security and hygienic conditions inside the building.

High strength, coupled with the bolt-together design, allows for easy assembly and even disassembly, should it become necessary.



- Engineering and technical services, site drawings and assembly manuals
- Curtain and equipment winching supplies and perimeter PVC coated wire mesh
- Wind speed resistance per the customer's local requirements

- Modular design according to the cages to be installed
- Optimal design to promote good ventilation, including framing for fans and evaporative cooling systems



Silos & Accessories

Silos and Feeding Systems

Metal Silos

- Includes exterior ladder with optional safety cage
- Available with 30° or 40° roof
- Easy to open top lid for faster filling
- Factory pre-drilled bolt holes ensure quick and stress free assembly
- Optional hopper valve for feed sampling or bag filling
- Various hopper angles available
- Available in a large range of capacities



Fiberglass Silos

- **Agritech®** silos are made of special fiberglass, are light, hermetic and they offer high mechanical resistance and great thermal insulation.
- They offer a long life because they do not corrode or oxidize; they don't need any kind of maintenance; In addition, they allow easy control of the internal level.
- The hopper has a conical shape designed to facilitate the emptying of the silos and can be equipped with different extraction systems: from a sliding valve to different types of augers
- Available accessories include inspection door, exterior ladder and electronic feed level detection.
- Capacities from 4 to 75 m³.



Systems for Control of Silos Content in Real Time

SiloMetric® is a wireless laser technology sensor system developed to measure the level of solids or liquids that silos contain through the web platform.



DigitPlan® from any device connected to the internet (PC, tablet or mobile phone) makes it possible to see, in real time, the feed level within the silo.



Load Cells

They allow calculation of the weight of the silo in conjunction with the weight control system of silos **Rotem® RSW-2**, providing complete data and precision with respect of the load content inside the silo.



Assembly Accessories and Spare Parts for Installations

We ensure the quality and availability of original spare parts and accessories: Winching equipment, including steel cables, plastic and nylon cord, overhead and hand winches, pulleys, clamps and galvanized support pipe.



LED Lighting of Poultry Sheds

Dimmable LED tubes with IP67 grade ideal for lighting poultry installations such as breeder barns, pullet houses, broiler and layer houses.

These lamps can be mounted in a continuous line quickly and easily using cables connectors on each side, providing installation time savings and energy saving.

Climatization

Ventilation of Poultry Houses

Static Pressure

Static pressure is understood as the difference in pressure that exists between the interior of the house and atmospheric pressure outside the house. It is commonly called an empty flame and if we achieve the correct negative pressure, the pure air from the outside enters the house and displaces stale air. Working with negative pressure is the most effective way to achieve air replacement, necessary to achieve a pure environment and correct conditions for the animal.

Air conditioning correctly then implies achieving ventilation that reduces the humidity of the bed, that the temperature is the desired one - according to the age of the birds, and that the thermal sensation perceived by the birds (a combination of air speed and temperature) is such that their well-being increases significantly.

An investment with immediate return!

Based on a detailed analysis of all the variables, we design, equip and put in automated ventilation systems for poultry houses.

Tunnel Door Ventilation

The panels of the Tunnel Door INDIV system direct the incoming air flow towards the center of the roof where it is combined with warmer air, producing ideal temperatures for birds.

Technical Characteristics and Advantages

- Air spaces with no ventilation are avoided.
- They insulate and seal better than traditional curtain installations.
- They reduce energy consumption because the house needs lower heating levels.
- The finish of the panel inside the window can be white or black (to help darken the interior of the house).
- Very easy to install and operate
- Its modular design provides a wide range of sizes to adapt to different heights and / or lengths as installations require.
- Stainless steel and aluminum profiles
- Durable and very resistant to the very demanding environmental conditions of use.
- Injected polyurethane foam panels, available with R-7 or R-11 insulation values.
- The components that allow movements (hinges, sheaves, cables, etc.) provide secure panel connections, and they are top quality and very easy to adjust as needed.

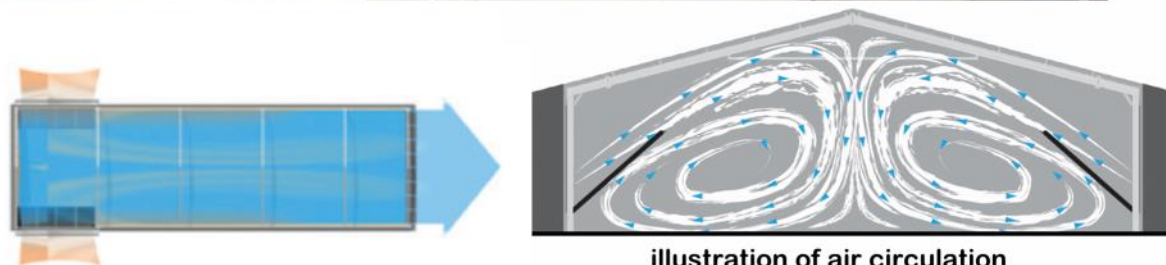
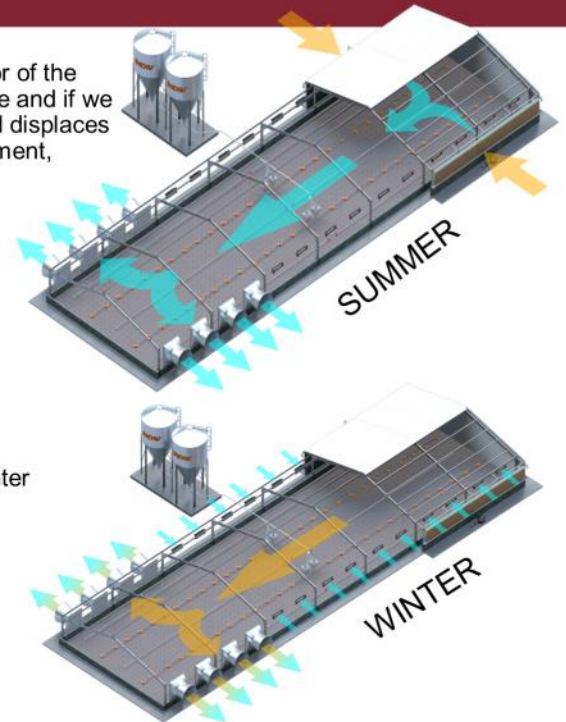


illustration of air circulation

Thermal Insulation

1. Thermal membrane INSULPLUS® & INDIV®

Polyethylene foam with 100% pure aluminum. Excellent insulation, waterproof, and prevents condensation. Does not degrade or release unwanted particles.

1. Curtain + Cellulose

Plastic fiber such as ceiling and vapor barrier + cellulose insulating material. Very low thermal conductivity. Mold and fire resistant.



Climatization

Gas Heaters



INFRACONIC I-SERIES · LB WHITE®
17000 y 40000 BTU



GASOLEC® M-8 · 17240 BTU
With or without individual thermostat
Optional alternative with electronic Ignition



Radiant Tube SENTINEL · LB WHITE®
100000 /125000 y 150000 BTU

Air Extractors and Fans



INDIV® Extractor
Fiberglass
24 / 36 / 54"



MULTIFAN® Extractor
Fiberglass
24 / 36 / 54"



MULTIFAN® Extractor
Galvanized
24 / 36 / 54"



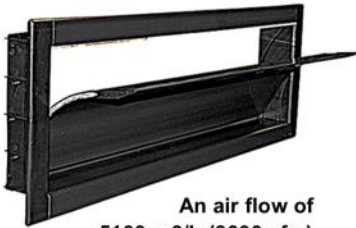
COOLAIR® Extractor
Galvanized
52"



INDIV® Extractor
Galvanized
50"



Circulation Fans



An air flow of
5100 m³/h (3000 cfm)
a 0,10" H₂O is estimated.

Curved Blind Inlets

Made of sturdy plastic materials for durability. The curved profile improves the air intake towards the center of the house, allowing the air to travel through the slope of the roof as well.

Measurements:
1100 x 330 mm (43" x 13")

Manual and Automatic Curtains

Available in Manual or automatic winching. The components for lifting are available in plastic, galvanized or stainless Steel.

Optional: electronic systems that can drop curtains due to power failure or extreme temperatures .



Evaporative Cooling System

The Cool Pad system is configured according to the dimensions of the house and the operational requirements of the birds. In addition to the evaporative pads, we can provide the complete support, recirculation and pumping system utilizing an open-top design, which allows for quick and easy maintenance of the water distribution pipes.



Cooling pads are available in several sizes (custom order sizes available)

Attack Angle

a) 45 / 15 b) 45 / 45

- Increased durability and strength in harsh environmental conditions.
- Can be spray washed for easier cleaning
- Black exterior Coating

Cooling with Fogging Systems

Low-pressure system

Anti-drip plastic nozzle with Pump at 70psi (5kg/cm²)

High-Pressure system

High pressure, anti-drip nozzles with pump up to 800psi (40kg/cm²)



Can cool temps in house by 10-15 degrees

Climate Control

Automation for Control and House Management

We have a complete range of electronic controllers that allow you to automate all the variables of the farm, including: temperature control, humidity, wind, static pressure, CO2, water, and everything necessary for the comfort of the birds. Some controllers can be connected to a PC and offer easy remote control from an office or smart phone. Alarms and event notifications can be delivered to cell phones. User Training is available.



• MUNTERS® ROTEM SMART 8C

Support for lighting and ventilation programs using analog and digital inputs"

- Reduced energy costs
- Healthier birds
- Easy to use software that can be adapted to individual user needs
- 24/7 remote monitoring available
- Available support for variable speed fans



MUNTERS® ROTEM AC-2000 3G

With a capacity for up to 20 relays operators can control the complete house with all phases of ventilation located in one convenient location. The AC-2000 3G takes full advantage of its sensors and computing power to provide accurate ventilation and optimal fresh air to help keep operating costs at a minimum. Lighting programs are also supported. When used in conjunction with our COMMUNICATOR, it is possible to remotely monitor and adjust the controller. Alarms can be automatically sent in the event of a malfunction, power outage or excessive temperatures.



MUNTERS® ROTEM PLATINUM PRO

Provides poultry farmers with expanded capabilities for complete control over all aspects of house management, including: climate control, feed & water management, and more. The upgraded functionality is suitable for any structure, from standard to mega houses by: supporting management over multiple expansion units, allowing simple, centralized management over even the largest operations.

- Available in 2 models: 50 relays or 30 relays
- Large range of hardware combinations enables extremely flexible system design
- Expansion boxes support input/output devices, removing the need for additional controllers
- Improved software capabilities support an unlimited number of devices, including scales, meters, digital thermostats, and more



FANCOM® ARTERIA

A central touch screen to operate all Fancom control computers. Easy, time saving and error prevention. Data is entered and changed in one single place. ARTERIA is the new central control unit with touch screen to operate the controllers F2000, Lumina Black Box and Lumina Touch Devices. ARTERIA offers a complete construction solution in which one or more controllers can operate through a central touch screen. The central operation saves time, gives a general and clear overview and avoids errors.



FANCOM® AURA 27

The smart weather control automatically creates the best indoor environment possible for healthy animals with optimal growth performance. The easy operation saves time and avoids errors. A good temperature promotes proper growth and health conditions for your animals, and it saves you feed, water and energy costs. The weather controller AURA 27 is the easiest way to achieve the best possible results. AURA 27 is suitable for controlling poultry houses and it is extremely easy to use for daily operation. It is compatible with MMT, tunnel and ventilation systems.



FANCOM® LUMINA 37 / LUMINA 38

Precise MTT ventilation control
Energy saving controls for heating and lighting. **EasyFeed** feeding controls offer simple operation. A properly controlled environment improves the performance of your animals and saves energy costs for ventilation, heating and lighting. With the new LUMINA 37 and LUMINA 38 from Fancom®, controlling a cost effective environment has never been so easy. But there is more: registration and dosage of feed and water control and lighting are standard features.



INDIV® Electric Control Panels

A complete and simple solution for the grower

- We design and manufacture electrical panels for manual/automatic operation of all equipment, following all the safety instructions required for the farm.
- Our electronic control panels are designed to work in conjunction with the electronic house controllers



INDIV®

Quality equipment and expert service
around the world for over 55 years

The value of experience

INDIV® is a brand of international prestige... as both a manufacturer and integrator of equipment and systems for poultry production, helping to provide solutions in all phases of the productive cycle: broilers, breeders and layers

Equipment & Systems:

- Feeders system
- Drinker systems
- Live bird transport coops
- Systems for broilers
- Automatic cages system
- Installation for layer cages
- Prefabricated buildings
- Thermal insulation
- Silos and automatic feeding systems
- Management and control

Turnkey Projects

We engineer, design and manufacture many of our own products, in conjunction with being the authorized distributor for major well known brands. From start to finish, INDIV can help with supplying quality equipment, custom designs to fit your needs, technical support and cost effective solutions for small or large farming businesses.

*...working with producers
to improve profitability!*

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