Product Catalog 20**18** 

## **Poultry**

Turnkey Projects, Equipment & Services



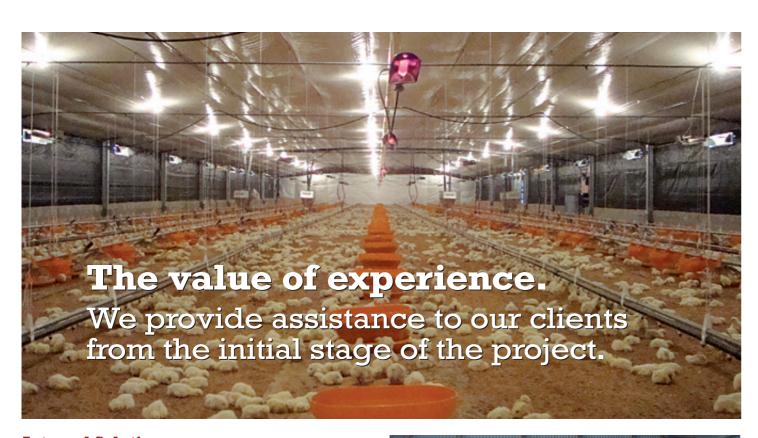


indiv.com

Poultry and swine equipment with expert service around the world







#### **Integral Solutions**

INDIV<sup>®</sup> is an international prestigious brand as a poultry and swine industry equipment and systems manufacturer.

#### **Production lines**

- · Feeder systems
- · Drinker systems
- Climatization systems
- · Thermal insulation
- · Prefabricated buildings
- · Grain storage
- · Transportation coops
- · Automatic roll away laying nests
- · Breeders systems
- ·· Automatic cage systems
- · Incubation systems

We develop engineering, design and manufacture our own equipment to which we add products from important brands widely recognized throughout the world of which we are official representatives.







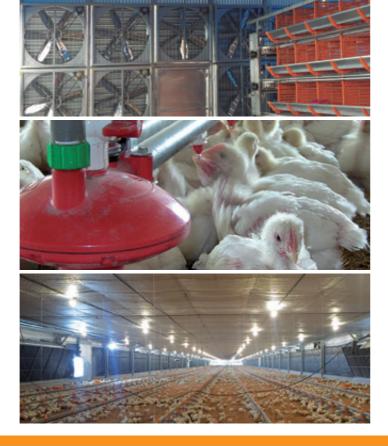














Maxplus NG Feeder Systems® components by **INDIV**® are innovative solutions applied to optimize poultry feeding in all growth stages.

- Are scalable and can be arranged in accordance with the poultry producers' needs.
- They stand out because of their easy and simple operation.
- Feed flow is automatically regulated.
- Chicks are properly fed from the first day.
- Adult birds' feeding is always available.
- Very low feed waste.
- Excellent hygiene-sanitary conditions for birds.

#### TURBOGROW 2® Complementary Feeder

- · Recommended for chicks from day 1 through day 12.
- $\cdot$  This feeder is inserted between the automated pans
- · Birds feed more comfortably and consume more feed with practically no waste.
- · Fast assembly and disassembly.
- · Easy to wash and store.



#### Feed distribution

Feed distribution through the dosing bar is performed by a motor unit equipped optionally with a gear reducer.

In either case, a control plate operates as a register for the automatic dosing system.



#### **MAXPLUS NG Pan**

The NG® feed pan has a new, streamlined design and features a 14" diameter. Rim-to-floor pan height allows the chicks easy access to feed. For brooding, the pan is flat on the floor; with the feed flow height within the pan allowing birds to consume without wasting or spilling feed on the floor. The new technical design of the NG® feeder, with the high quality plastics utilized, ensures years of trouble free use. The NG® feed pan can be easily assembled or disassembled for quick and easy cleaning.

4 possible regulations for feed flow in accordance with the user's needs. Each unit can be removed or replaced without disassemble the tubing. The NG feed pans include as standard a feed opening and shut-off valve.

#### **TURBOGROW® Supplementary Feeder**

An effective assistant for chick feedingduring the first days of the breeding cycle.

It can be used for manual filling of the automated line and in sectors far from the line.



2 models are available:

NG-4C - With 4 Spoke NG-14C - With 14 Spoke

New control plate suitable for lines of INDIV feeders like other brands



Also available is a drive unit with pulley control.









# Poultry

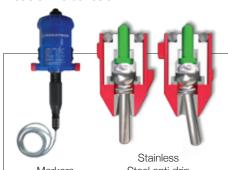
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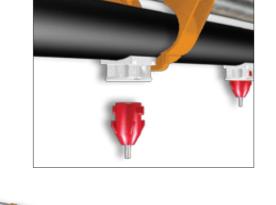
## Drinking Systems

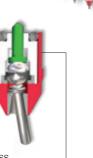
An important tool that helps the producers to achieve an outstanding result.

- · Higher dynamic volume.
- · Improvement of bird health.
- · Better conversion.
- · Heavier and more uniform chicken.
- · Designed for efficient washing.
- · Dry bed and higher health.
- · Easy handling and control.
- · Automatic purge.
- · Works in uneven floors.
- · Easy and practical assembly.
- · Reduces mortality.
- · Stainless steel components resistant to corrosion.



Markers Steel anti drip







**ZIGGITY** 



## Coops for transporting live poultry

Made of high density polyethylene 100% virgin + UV additive (Compliant with FDA and EEC).





Temperature resistance: 120 °C / -40 °C

Smooth and round surfaces safe for birds and handling.



## **Piedmont**

Capacity: 10-12 chickens Two years warranty



### **Mini-Piedmont** Weight: 6,70 kg

Capacity: 10-14 chickens Two years warranty



#### Polikoop Model 11" Size: 90 x 59 x 28 cm Weight: 6,555 kg

Model 9" Size: 90 x 59 x 23 cm Weight: 5,710 kg Capacity:10-12 chickens Capacity:10-12 chickens



#### **Pollitos BB** Size: 66 x 50 x 15,5 cm

Weight: 1,36 kg

## Prefabricated Buildings

### **Galvanized System**







**USA-style** 

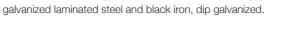








This style building maximizes the efficiency of the tunnel ventilation system with its quality insulation and tight seal.





High tensile steel sidewall sheets, with a galvanized coating, provide outstanding strength and durability.

Available in a wide variety of sizes according to your specific needs.

Pre-punching eliminates the inconvenience and difficulty of field-cutting the openings for the fill and exhaust tubes, and insures secure, moisture-proof seals.





### Assembly accesories and installations parts

We guarantee the quality and permanent availability of original parts and accessories.

Steel elements, plastic and nylon laces. Winches for feeders, drinkers and curtains. Suspension and gear pulleys. Galvanized tubes for curtains and drinkers among others.









### Ventilation

Specialization and continual training on advanced climate control makes us the best ally for engineering your project or for re-engineering your current facility.

On the basis of a detailed analysis of all variables, we design and startup the system and provide the required equipment for the producer to achieve the best results.

### An investment with fast return..!

Why? Because controlling the interior climate of the house throughout the year translates into an immediate increase in profitability, thereby allowing cost savings and obtaining higher profits.

- · Temperature and relative humidity control.
- · Tunnel-type ventilation, minimal and natural.
- · Automatic systems controlled from a PC.
- > Our ventilation systems can be configured for all types and designs.
- > We have all the options, from complex and automated air conditioning systems to the simplest and most economical.



#### Evaporative pads

The evaporative cooling system is a process that reduces air flow temperature by water evaporation. Maximum efficiency is achieved by directing the air to be cooled through wet pads placed at the inlets of the air 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 from air, the higher the temperature reduction shall be. Also, the dryer the air or the lower the relative humidity, the greater the possibility of evaporation will be.

This way, by air humidification together with an appropriate ventilation design achieving adequate circulation and renovation rates, it's possible to reduce the temperature inside the house between 41 to 57°F.



#### **Fogging for Poultry House Cooling**



#### Low pressure system

- Plastic anti-drip nozzle,
   7 liters/hour
- Pump: 5 kg/cm<sup>2</sup>
   (70 psi)



#### High pressure system

- · Nozzle with brass body and
- stainless steel orifice

   Pump: 40 kg/cm²
- (600 psi)



#### Thermal insulation

#### 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.





#### Curtain + Cellulose ceiling

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.





#### **Heaters**

Infrared panels, radiant tube heaters or turbo heater. Three options for a reliable, clean and efficient heat.







#### Curtains with manual or automatic 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.



#### **Inlets**

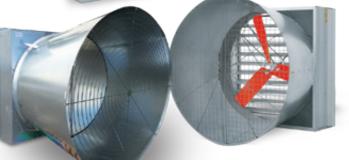
**Extractors** 





Wide range of impulse fans and large air exhaust fans for the most efficient temperature control in poultry production barn.





#### Side windows

Adjustable counterweight for balancing multiple air intakes allows adjustments for lower o higher static pressure. The windows open from the top and are designed to direct the air flow towards the roof. They are designed to open from .05" to .07" of static pressure.

#### Roof windows

An innovative solution specifically designed for houses with false roofing, provide optimal ventilation, 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

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!











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