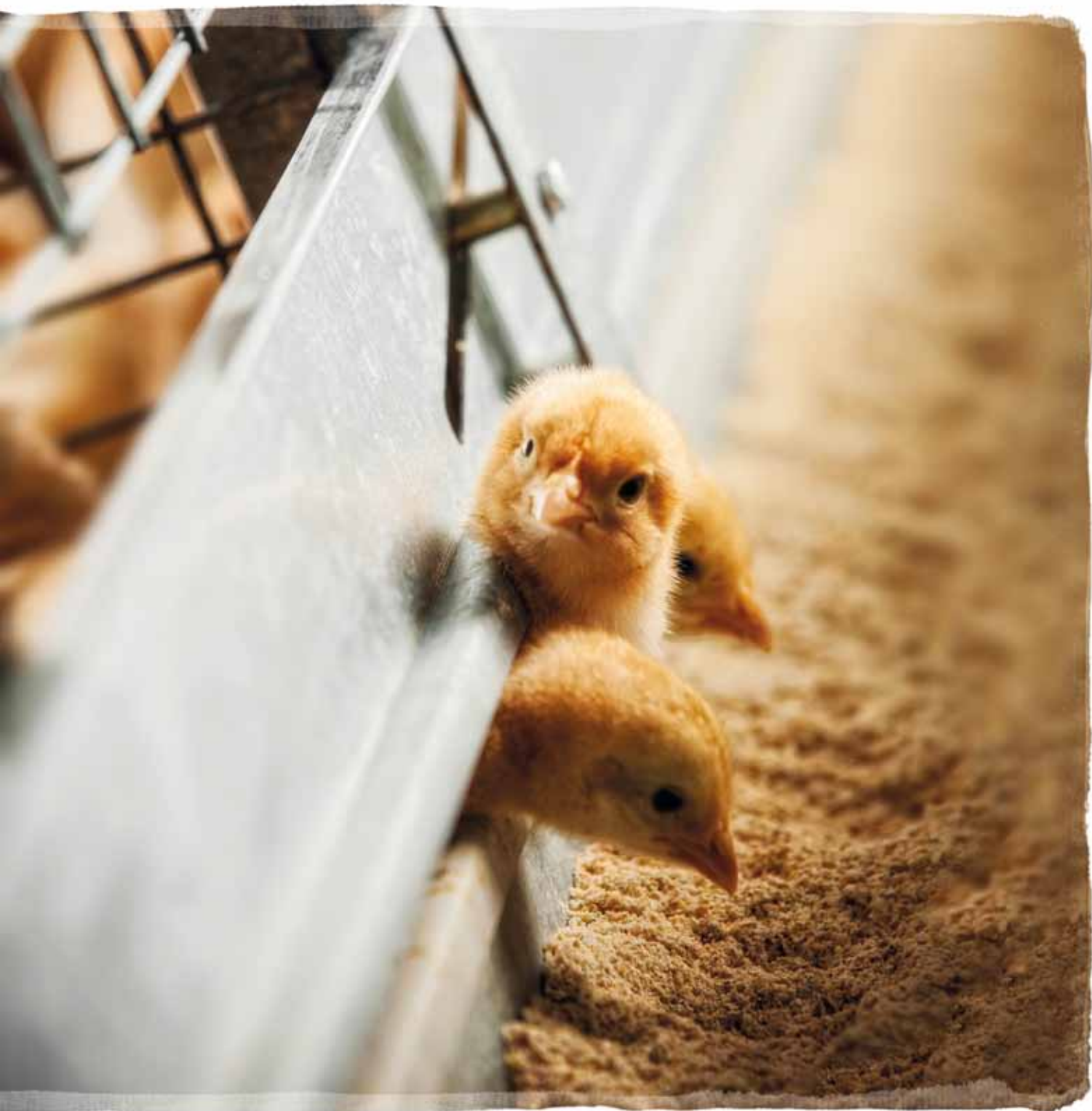


# REARING





# TECNO: THE SOLUTION AT HAND.

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**Competence, flexibility and tangibility:** these are values that we believe in, the distinctive features that have made Tecno one of the most widely known firms at global level in the sector of poultry equipment.

A story that began more than 40 years ago and is evolving day by day, thanks to the collaboration of a strong unified work team but above all thanks to the results and objectives that we have been able to achieve. **All over the world.**

**Innovation** and **technical research** continue to show us the best way to overcome with success all the challenges presented to us by the market, but above all to give a precise reply to the various requests and following discussions with customers with whom we work side by side.

Because at Tecno, **consultation, helpfulness, professionalism and preparation** are not just promises. They are the strongest foundations for constructing a long-lasting relationship.

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18.000 m<sup>2</sup> production area

18 million hen places covered each year

90 % exports





# REARING: A SYSTEM FOR EVERYONE.

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Housing systems for rearing pullets are not all the same.

We are well aware of this at Tecno and so we have developed a range of systems in different configurations, all sturdy and easy to assemble to satisfy all expectations, and go beyond them.

**Ideal Atlanta:** the high-density system with steel scrapers for removing dung from the intermediate levels.

**Ideal Plus:** the solution that allows automation of dung removal operations by means of a conveyor belt.

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## Feeding



### FEED DISTRIBUTION SYSTEM WITH TROLLEYS

Equipped with special dosers that are able to adjust the amount of feed to be distributed, depending on the age of the birds and the number of daily feeds. The feed trough is accessible from the first day of the chick's life, without any obstacle.

With centralised adjustment of an "anti-waste" plate, it is possible to vary the height of the space for access to the trough, following the growth trend of the pullets.

### FLAT CHAIN

Guarantees distribution of the feed with the movement of the chain, with a minimum speed of m. 12/minute and a slide gate that allows the adjustment of the level of distributed feed. High mechanical reliability.

# 1

# 2





## Drinkers



### **FIRST DAYS REARING CUP + DRIP-SAVING CUP**

Multi-directional "Nipple" drinking system with cup beneath to catch drips or, alternatively, a cup with float.

The height of the nipples can be adjusted by means of a centralised lifting system. A by-pass between the troughs and the nipple lines allows rapid cleaning at end of cycle, as well as the administration of vaccines or medicines by means of a special doser.



## Door



> Door with spring

### SLIDING

Horizontal sliding opening system, allows gradual opening, preventing the chicks escaping during vaccinations.

### WITH SPRING \*

Practical and functional system, compass opening inwards, with automatic system for blocking in open or closed position.

# 1

# 2







# Heating



> Internal diffusor

## SINGLE HEAT GENERATOR

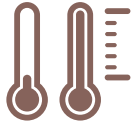
Installed outside the system and connected by means of a nylon pipe (JDV) lying along the whole length of the shed; with openings at an adequate distance to allow even distribution of the heat produced; flue for ejecting combustion products.

## MINI GAS GENERATORS

Installed outside the shed with internal diffuser, at an adequate distance to allow even heat distribution

1

2

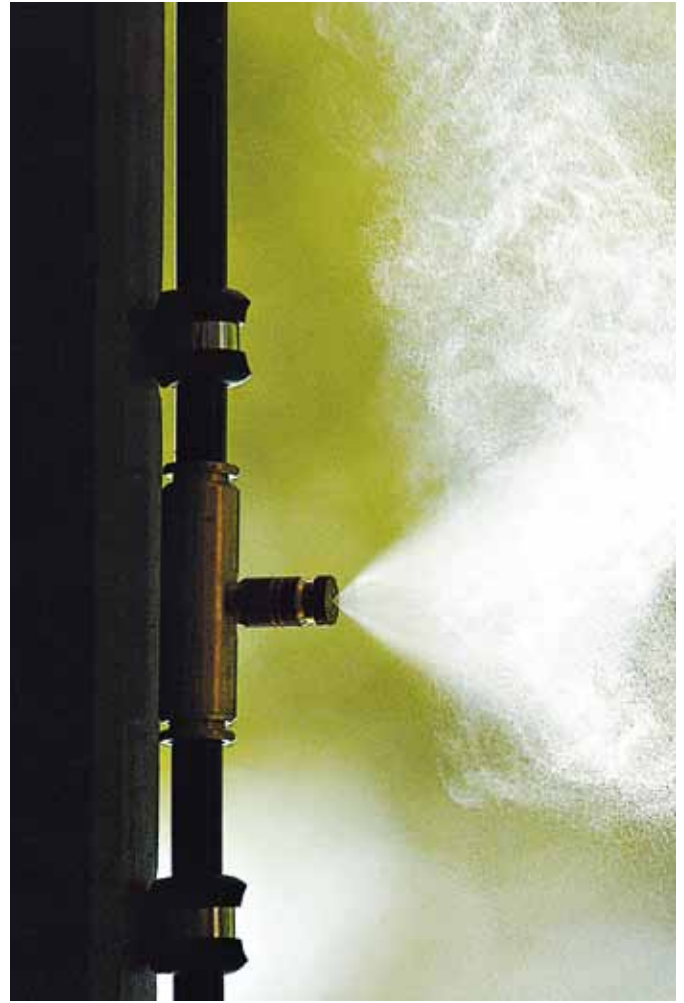


## Climate control



### PAD COOLING

Cellulose panels with high absorbency and evaporation efficiency. The panels can be installed against the wall or on the outside of the tunnel/non-wind hood structure. By means of windows installed in the bottom, this structure allows adjustment of summer and winter ventilation.



### TECNO FOG SYSTEM

System of high pressure misting nozzles, located in the area inside the non-wind hood, with the effect of reducing the incoming temperature.

1

2





# Removing Chicken Manure



> Head with scraper



> Head covering curtain



> Conveyor belts

## REMOVING CHICKEN MANURE \*

Scraper system for cleaning the intermediate tiers of the housing, with discharge in the ditch. The manure is removed from the ditch with a traditional scraper.

## CLEANING EQUIPMENT \*\*

Heads with a centralised system for adjusting and cleaning the scrapers. Stainless steel scrapers with Polydur profile (optional second cleaning scraper).

Counter-heads with an auger transmission system for uniform tightening on both sides of the belt and ejection of manure and feathers caught between the belts.

## CHICKEN MANURE STORAGE

Manure collection system with conveyor belts, located in the area under the head; the belt allows transfer even over a long distance, to storage sheds or directly to trailers for removal.



# Drying Chicken Manure



> Manure blowing pipe



## AIR BLOWING SYSTEM WITH TURBINES

Using the hot air in the building, the system compresses the air and conveys it into turbines that push it towards perforated pipes, laid lengthwise along the cages

The holes in the pipes ensure uniform drying of the manure and adequate ventilation on each tier of the cage, increasing animal well-being.

## TDS

System consisting of a tunnel on one side of the building, with conveyor belts arranged on several levels.

The manure is distributed in cascade mode onto the belts with micro-perforations, where it is dried by the hot air extracted from the shed which is conveyed into the "compression chamber" and directed uniformly onto the belts loaded with manure.

The manure removal times, belt operation and ventilation are controlled by a computerised system.

# 1

# 2









## Computerised management



> Macroneu

### COMPUTERISED MANAGEMENT

System which allows bio-climate control of the plant by means of a computerised panel.

- > Starting of the feed trolleys
- > cleaning manure belts
- > drying manure
- > lighting
- > ventilation
- > gradual opening of windows
- > adjustment of the flow of feed and dosing of grit
- > constant weighing of feed (to measure daily consumption and the amount remaining in the silo)
- > measurement of water flow



## Sheds

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### **SHED STRUCTURE**

Sheds with a hot-galvanised, electro-welded and bolted metal bearing structure. Walls and roof made of MONOWALL rigid panels covered with a sheet of galvanised plate, with insulation by means of self-extinguishing polyurethane foam; alternatively, covering with rock wool and a roofing sheet. The design follows the regulations in force regarding zone and height.



## VENTILATION

Self-cleaning high-capacity air extractors, made of galvanised steel plate. System of galvanised steel slide gates, completely hermetic when ventilation is off.



> 90° bends

## SILO

Silo in galvanised plate with anti-corrosion treatment, with possibility of loading from the top, with a pneumatic external system, or with an auger and hopper on the ground. The silo may be provided with load cells having MODBUS outputs with impulse/kg for data centralisation. The feed distribution system from the silo to the housing may be accomplished with a spiral or a chain with disks.



# BRAND STATEMENT

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**We know the importance of being able to read and write.**

**Reading the market's signals,**

to surprise it with solutions springing from the determination, ability and skilful far-sightedness that has urged us to have no limits. And to think big.

**Writing the pages of a captivating story, filled with people,**  
relationships and the desire to grow.

A story that makes us look to the future with the enthusiasm of the young and the experience of more mature generations.

But above all we know **the importance of listening to our heart,**  
to succeed in interpreting the desires of people like you,  
who have chosen us to share their values, views and objectives.

Because we know how to give a face to a commercial negotiation,  
a human voice to a project or a configuration,  
and because we want to earn your trust  
with results rather than with promises.

**We can only be firm, sincere and direct.**  
**Like a handshake.**

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