



TECNOLOGIA DE MÁQUINAS ESPECIAIS LTDA.
SOLUÇÕES EM FECHAMENTO E CODIFICAÇÃO DE EMBALAGENS

Tecmaes started its activities in 1991 in São Paulo, and following a trend of decentralization of major urban centers, the company transfers in 1995 to the countryside: Ourinhos, São Paulo State.

The company has two production units. The first one has specialized in manufacturing of equipments for the closing, coding and labelling of packaging and the other one (the branch) is dedicated to the conversion and printing of adhesive tapes, along with the production of self-adhesive labels.

At the beginning of its activities, the Tecmaes has identified an opportunity in the Brazilian poultry market, which passed through transformations and started its path towards the leadership in this sector. Nowadays is one of the leading poultry producers and exporters in the world.

Therefore, there was in this market, a very interesting potential to be developed, considering that the packages of whole chicken that were exported, should go through metal detectors. Until then, there wasn't any reliable equipment on the market that met this need. At this time that emerged the Jetfix sealers.

The need of companies in acquiring equipments for closing packaging with adhesive tapes that offers a lower cost than the system used at the time, the Sealers Jetfix initiated a general change in the closure system of chickens intended for export. Due to its characteristics, the success of Jetfix sealers was immediate, it's already exported to several countries in Latin America.

Currently, the Tecmaes also manufactures other lines of equipment (hotstamping date printers, thermal sealers, labelling machines, among others), meeting the most varied segments, broadening your market.



BUREAU VERITAS
Certification



Certification

Awarded to

TECMAES **TECNOLOGIA DE MÁQUINAS ESPECIAIS LTDA.**

RUA FEODOR GURTOVENCO, 41, DISTRITO INDUSTRIAL II, 19913-520 - OURINHOS/SP
BRAZIL

Bureau Veritas Certification certifies that the Management System of the above organization has been assessed and found to be in accordance with the requirements of the standard detailed below

STANDARD

ISO 9001:2008

SCOPE OF SUPPLY

**DESIGN, MANUFACTURING, SALES AND SERVICE OF MACHINERY;
LABELS, TAPES, RIBBONS AND THERMAL TRANSFER AND
MACHINERY SEALING OF PACKAGING.**

Original approval date: 12/17/2010

*Subject to the continued satisfactory operation of the organization's Management System,
this certificate is valid until: 12/15/2016*

Further clarification regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by consulting the organization

Certificate Number: BR017439-2

Date: 01/07/2014



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JETFIX SEALERS

Developed for closing plastic bags with an adhesive tape. Its handling is very simple and it can be operated by anyone without the necessity of prior training.

It has a yield 900-1200 packs per hour.



As they are plastic, both the seal and the packaging can be recycled simultaneously.

They are manufactured in more than 15 models, each one serving an specific need of the market.

To facilitate the understanding, we split in two segments the use of the bag sealers:

DRY / HUMID ENVIRONMENTS



DRY ENVIRONMENT

In this market segment we include the following sales channels: Supermarkets, bakeries, clothing shops, building materials, auto parts stores, wholesalers, among others.

The models indicated for this segment are:

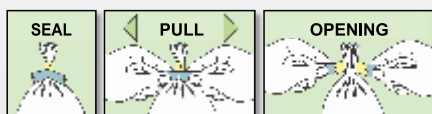
JETFIX STILLO

It is versatile, durable, manufactured in glass-fiber reinforced nylon, providing the necessary resistance for day-to-day efforts. They seal the package applying adhesive tape at the twisted part of the bag. With an special printed tape (with the company logo or stripes), it is also widely used in the prevention of theft.



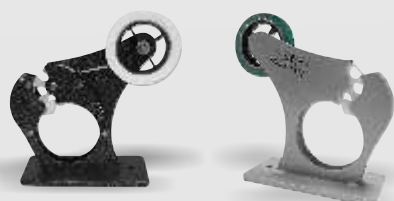
JETFIX CHAMPION

A system in which simultaneously apply an adhesive tape and paper tape (safety seal) in the twisted part of the package. It is produced in naval aluminum or stainless steel. One of the advantages of using this system is that the security seal makes the opening of the product without damaging the package. It serves as a protection and the package can only be opened when the seal breaks, showing thus the violation of packing.



JETFIX PA100

Specially designed for closing packing of chocolate eggs for easter time.



HUMID ENVIRONMENT

In this market segment is included the following sales channels:

Poultry slaughterhouses, meat packing industry, dairy products, among others.

The main advantages of the industrial Jetfix bag sealers in this specific market segment are:

- They have the lowest operating cost in the market.
- They allow the control by metal detector of the food products, avoiding the presence of foreign metal bodies to the product (staples, paper clips, etc ...)
- Its installation in production lines is very simple.
- Its handling is very simple and it can be operated by anyone without the need for training to use it.
- The closure system is simple, fast and efficient, with productivity up to 1,200 packages per hour.
- It doesn't require skilled labor or any preventive maintenance, as well as corrective.
- As they have a compatible material (plastic film), both the seal and the packaging can be recycled simultaneously.

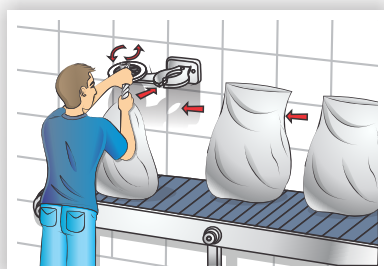
THEY ARE IDEAL FOR CLOSING OF FROZEN CHICKENS FOR EXPORT.

Because it is a relatively low-cost equipment and that meets the needs of businesses, the industrial Jetfix bag sealer is playing an increasingly important role in Latin American Poultry Industry.



JETFIX STANDARD

The Industrial **Jetfix Standard** are developed to seal plastic bags of different sizes and thicknesses. They are manufactured in naval aluminum (body of the sealer). Options: with one or two reels of adhesive tapes, for thicker packages and with handle for heavy packaging. Do not require electrical or pneumatic installation, which significantly reduces maintenance costs.



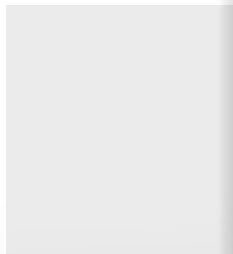
JETFIX STEEL

The Industrial sealers **Jetfix Steel** has the same functional features of the Standard, but they are manufactured entirely in stainless steel.



JETFIX PLUS PNEUMATICS

The introduction of pneumatic system facilitates the operational process, reducing the physical effort and increasing productivity. The pneumatic system is used to cut the package excess. In versions in naval aluminum or stainless steel, can be also used with one or two reels.



WHATEVER THE PRODUCT, THE INDUSTRIAL JETFIX SEALS AND TRIMS WITH A SINGLE, QUICK MOTION.

REPRESENTATION/DISTRIBUTION

Currently we have a few distributors in countries of Latin America, but the most relevant are the ones we have in common, namely:

Commercial Baci - Argentina: In the year 2007, we began our business relationship with this company to distribute and promote the brand TECMAES/JETFIX in Argentina.

This company was responsible for the implementation of the closure system of chicken's package with an adhesive tape in Argentina. Today, the company is a market leader as a supplier of this type of equipment. This system is already used in 7 of 10 argentine poultry processing companies.

Just to know, Commercial Baci is also a 3M authorized distributor.





authorized distributor





comercialbaci@baci.com.ar
www.baci.com.ar



Baci is a leading company for chicken bag sealing tape in Argentina.

7 out of 10 companies choose us

Choose the best option for bag sealing.

REPRESENTATION/DISTRIBUTION

3M Colombia: In October 2012 during the “Congreso y Exposición Nacional Avícola” in Cali-Colombia, we had the pleasure of welcoming in our booth 3M marketing coordinator, Mr. Rodrigo A. Rueda. In this meeting was given the start in our commercial relationship with the purpose of distributing in the colombian market, our Jetfix sealers.

Today, we're going into our second year of the "Exclusivity Agreement" signed by our companies, with many outstanding projects for the year 2014.

3M Colombia

**División de Cintas y Adhesivos Industriales
Sistemas de Empaque**



**Soluciones Integrales
Para el selle de bolsas de
pollos**



Our Project: PARTNERSHIP





SPECIAL MACHINERY TECHNOLOGY LTDA.
PACKAGING CLOSING AND CODING SOLUTIONS

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Jetfix[®]

LABELS AND ADHESIVE TAPES
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