Gazzella
ATLANTIQUE

## THE PACKAGING MACHINE SPECIALIST

**Our activity consists in designing and manufacturing production machines for:**

- Corrugated cardboards, stitched or glued
- Light wood packaging

**A complete offer for all your packaging production needs.**

**FROM THE DESIGN TO CUSTOMER FOLLOW-UP**

**Our France and foreign sales department will guide and support you throughout your project:**

- We make an initial diagnosis of your needs
- We define the specifications
- Your account manager follows you through the design stages and ensure that the standards and deadlines are met

**GAZZELLA ATLANTIQUE makes any effort to support you in the best way on all stages of the project, from the installation to the maintenance of your machine:**

- Delivery and interventions all over the world
- Spare parts service: deliveries in 48 to 72H

**Our technical department designs and constantly improves high-performance machines.**

**Our team is ready to assist you in your industrial projects.**

## Contact Us:


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www.BLUE MOON DESIGN.fr Crédits photos : Benoit Martin Photographie et GAZZELLA ATLANTIQUE

# BOOST UP YOUR GROWTH TAILORED FOR YOU

N°1
STITCHING AND GLUING SOLUTION

*PROVIDING YOU*
*THE WIDEST RANGE OF FULLY EXTENSIBLE*
*STITCHING , GLUING AND TAPING SOLUTIONS*

**www.gazzellaatlantique.eu**

## FLEXIBILITY

**GAZZELLA ATLANTIQUE** celebrated its 10 years of activity, based on more than 30 years of experience as Sodeme.

It's an opportunity to come back over our 10 years of activities and picture the steps and the moves we made forward 3 years ago already, entering in the path of industry 4.0.

**ENTER IN INDUSTRY 4.0. ERA WITH US.**

**INCREASE YOUR PRODUCTION FLOW WITH A GAZZELLA ATLANTIQUE MACHINE.**

**Controlled performance of 1,400 stitches per minute:**
**We have developed even more innovations:**

Joining systems

Quick change

Automatic settings

Gazzella
ATLANTIQUE

# BOOST UP
*YOUR GROWTH*

OPEN YOUR MIND TO DISCOVER
THE NEW AGE OF STITCHING

**+50%**

## TECHNOLOGY 4.0

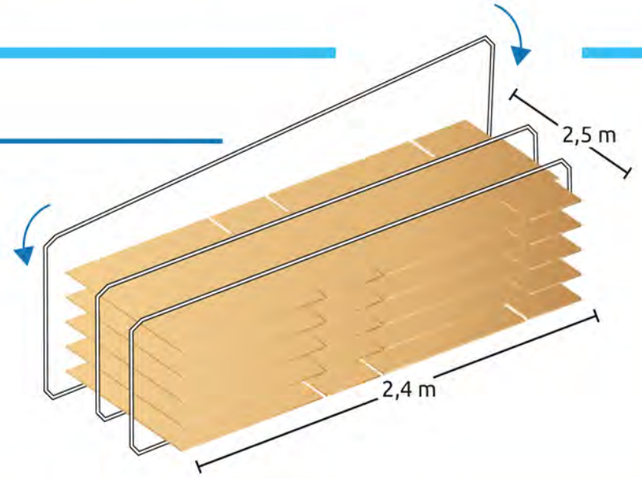
**TIME SAVING**

**DRIVE**
*YOUR GROWTH*
*WITH US*

# MULTIPLE STRAPPING

## DESCRIPTION

**Technical points:**
**Precision: ± 5 mm**
**Until 8 straps per box**
**Useful way under the strapper: 2400 mm**
**(max unfolded boxes length: 4800 mm)**
**Provided for Strapper type 2400 mm width**
**Minimum box height: 1500 mm**



## MACHINES

**Find this functionality on those machines:**

**OSCIL 3600**

**T0 6400**
**T0 7200**

**TW 7200**
**TW 9000**

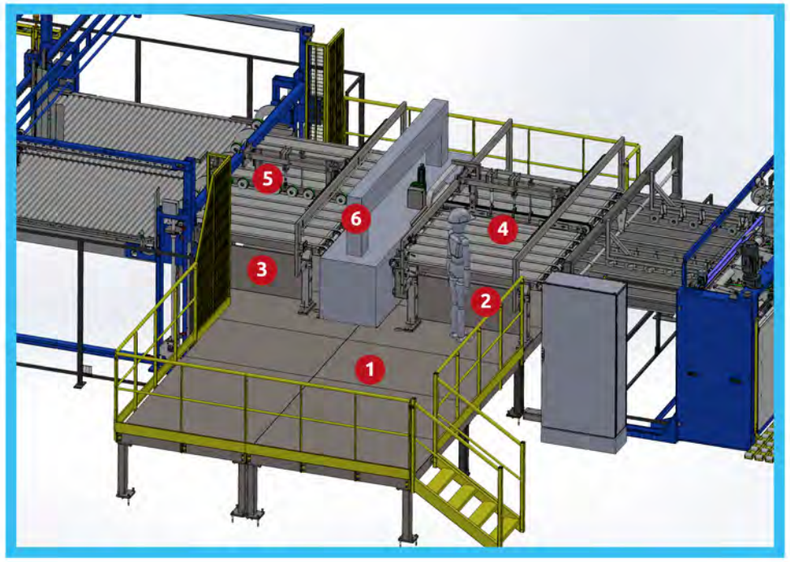
**(With decreased production speed)**

**PAC 2248**

## TECHNICAL SPECIFICATIONS

Gazzella ATLANTIQUE

MULTIPLE STRAPPING

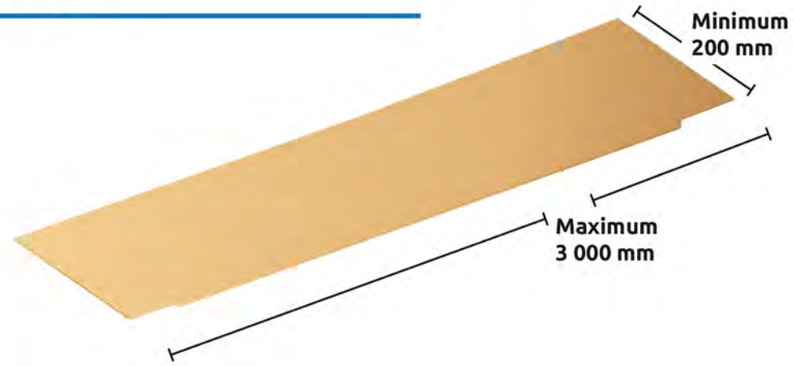



1. **Platform height 900 mm to support strapper and conveyors**
2. **One upstream belt conveyor with Brushless motorization with box positioning system before strapping**
3. **One downstream conveyor belt with Brushless motorization**
4. **One upstream upper presser with Brushless motorization to drive perfectly the box through the strapper and to ensure precise parallelism before strapping. Its lateral position is set manually according box dimension**
5. **One downstream upper presser with free roll to maintain the box folded until the strapping is finished. Its lateral position is set manually**
6. **One strapper width 2400 mm (not included in our offer)**

**A rail system allows to move the strapper laterally for boxes width less than 2400 mm.**
**A folded free rolls conveyor set the distance between upstream and downstream conveyors when the strapper has been moved out. Minimal box height is 800 mm.**

# NARROW BOXES

## DESCRIPTION




An high quality system of transport of the cardboards through the machine allows to perfectly stitch and/ or glue your narrow boxes.
The length and strength of lateral guides as well as the motorized sandwiches and presser drive the longer narrow boxes straight all long their length, these special equipments allow us to manage even a packet (per 5) of narrow boxes.

## PRODUCT DESTINATIONS (suggestion)

Narrow boxes.

## COMPETITIVE ADVANTAGES

Raises the productivity of narrow boxes to semi-automatic Gazzella standards levels (Around 200 boxes per hour).

## MACHINES

Find this functionality on those machines:

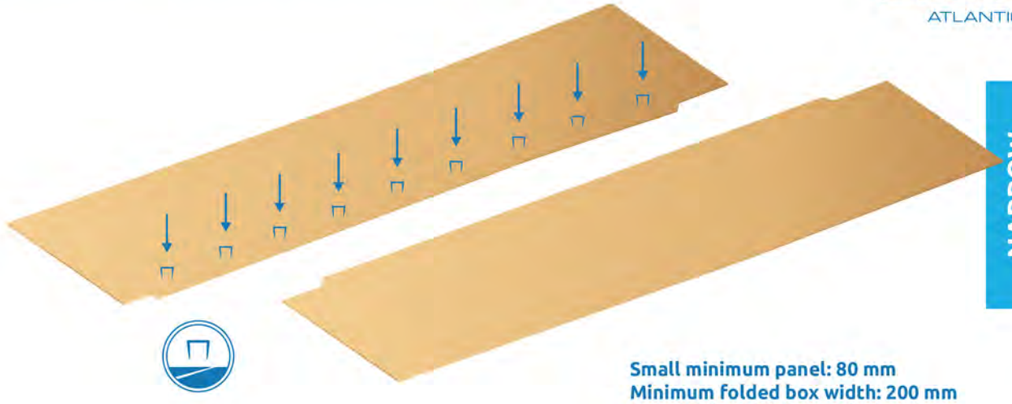
T0 6400
T0 7200

TW 7200
TW 9000

## TECHNICAL SPECIFICATIONS

Gazzella
ATLANTIQUE

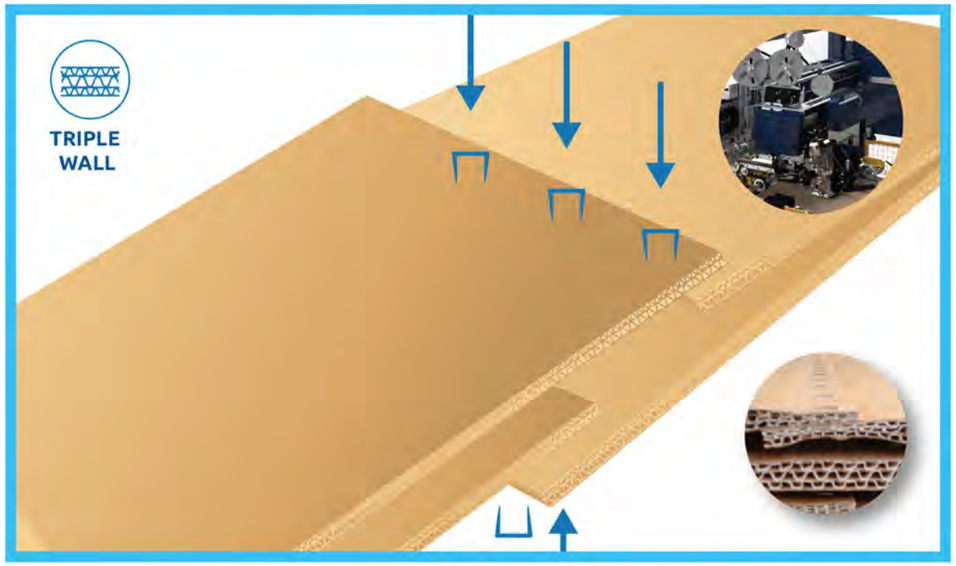
NARROW BOXES



Small minimum panel: 80 mm
Minimum folded box width: 200 mm
Passage in stitching and/or gluing

High length lateral guides and sandwiches.

# AUTOMATIC TWO PIECES




COMPACT | SIMPLE WALL | DOUBLE WALL | TRIPLE WALL

Fully automatic machine allowing to:
- Unstack and feed two cardboard piles simultaneously
- References and joins two cardboard planks
- Fold and square the box
- Stitching and/ or gluing/ taping for the second junction
- Stack
- Evacuate the box pile

## PRODUCT DESTINATIONS (suggestion)

All corrugated cardboards stitched or glued (one or two pieces) up to 6 400 mm width and 2 200 mm height.

## UNIQUE ON THE MARKETPLACE

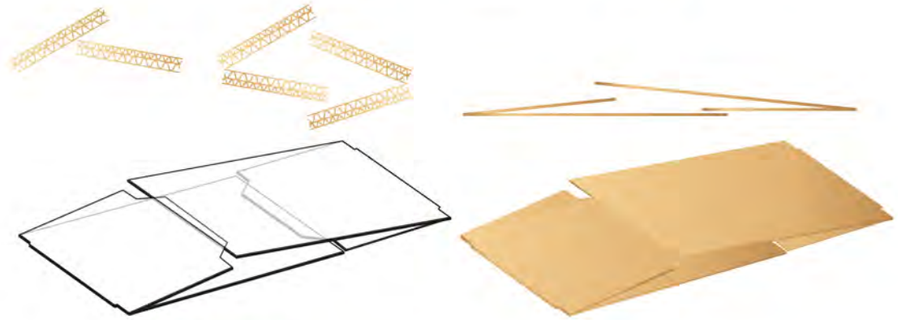
This functionality is available on our MAC2P machine

## TECHNICAL SPECIFICATIONS

Gazzella ATLANTIQUE

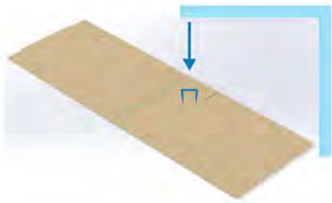
Available with this functionality :
Stitching - Gluing (Hot Melt) - Taping - Stitching and gluing and stitching and taping

STITCHING | PVA GLUING | HOT MELT GLUING | MIX GLUING | TAPING



AUTOMATIC TWO PIECES

Reference



Joining (Junction 1)

Folding

Joining (Junction 2)

# TRIPLE WALL STITCHING

## DESCRIPTION

Strength and Speeds for GAZZELLA ATLANTIQUE Stitching machine; Stitch (and/or gluing) with the same machine cardboard from plate to strongest Triple Wall corrugated cardboard.

## PRODUCT DESTINATIONS (suggestion)

The construction of these boxes is so efficient that they end up with durability comparable to that of wooden boxes.

## COMPETITIVE ADVANTAGES

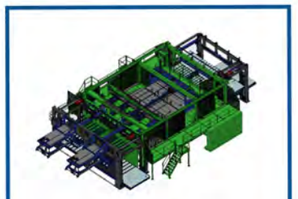
In less than 10 minutes it is possible to change stitching head from triple to simple wall and vice versa.

## MACHINES

Find this functionality on those Gazzella machines:

TW 7200
TW 9000

PAC 2248



MAC 2P

## TECHNICAL SPECIFICATIONS

Gazzella ATLANTIQUE

Available with this functionality :
Stitching - Gluing (Hot Melt) - Stitching and gluing :

STITCHING | PVA GLUING | HOT MELT GLUING | MIX GLUING | TAPING GLUING

Steel wire
230*94 mm

Stitch length 57 mm

Up to AAA Triple Wall

16 mm

3200 gr/m2

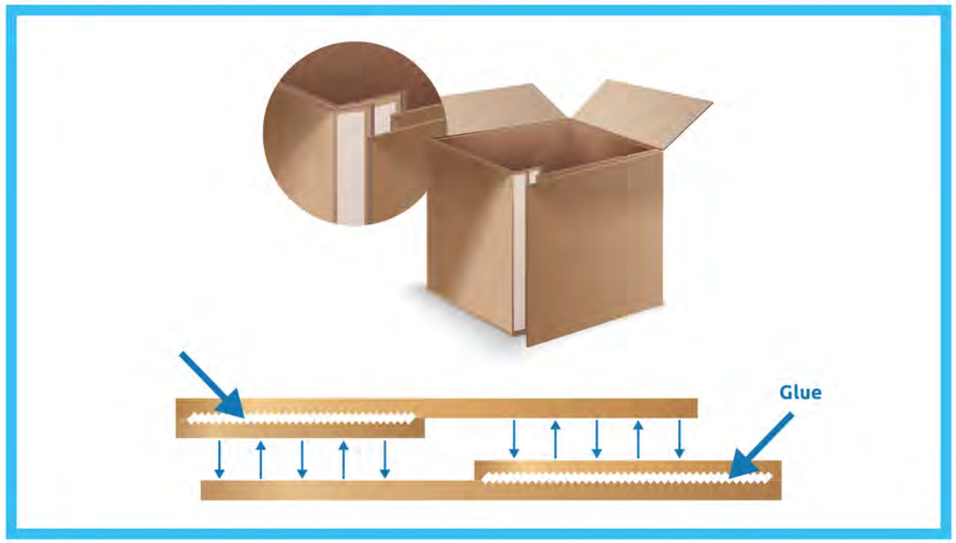
1,200 stitches/min (Nowadays the fastest in the world)

## EXAMPLES

# DOUBLE JUNCTION FLAP

## DESCRIPTION

GAZZELLA ATLANTIQUE Original concept for a system composed by a special glue shoe and 2 glue nozzles to join simultaneously the two different corrugated layers.




## PRODUCT DESTINATIONS (suggestion)

The construction of these boxes is so efficient that they end up with durability comparable to that of wooden boxes.

## COMPETITIVE ADVANTAGES

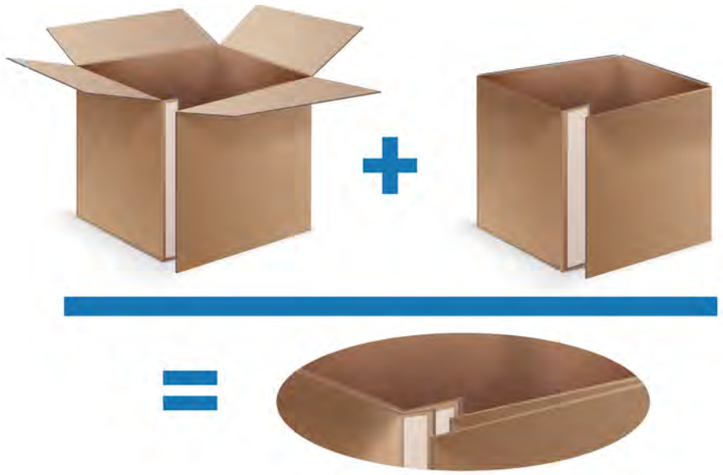
Replacing manual operation and process by an efficient semi-automatic proceed to obtain up to 100 boxes per hour.

## MACHINES

Find this functionality on this machine:

## TECHNICAL SPECIFICATIONS

One way join a corrugated assembled box by Double (external) and Triple wall (inner) cardboards.



DOUBLE JUNCTION FLAP

# MIX GLUING

## DESCRIPTION

System allowing a junction by collage simultaneously with cold glue (PVA - vinyl) and hot glue (Hotmelt).
The system is mechanically present in the junction palette and operators just need to activate it on the IHM.
Combination of the two gluing technologies allows you to associate the almost instant fixation of hot glue with the large resistance of cold glue. We obtain a box whose geometry is mastered and moveable without delay with a high resistance of the junction.

PVA GLUING **or** HOT MELT GLUING **or** PVA GLUING **+** HOT MELT GLUING **=** MIX GLUING

## PRODUCT DESTINATIONS (suggestion)

Glued cardboard boxes requiring significant resistance in cold or hot environment.

## COMPETITIVE ADVANTAGES

System integrated on a semi-automatic or automatic machine allowing to produce the same rate as for conventional junctions.

## PRODUCT DESTINATIONS (suggestion)

Find this functionality on those machines:

OSCIL 3600

T0 6400
T0 7200

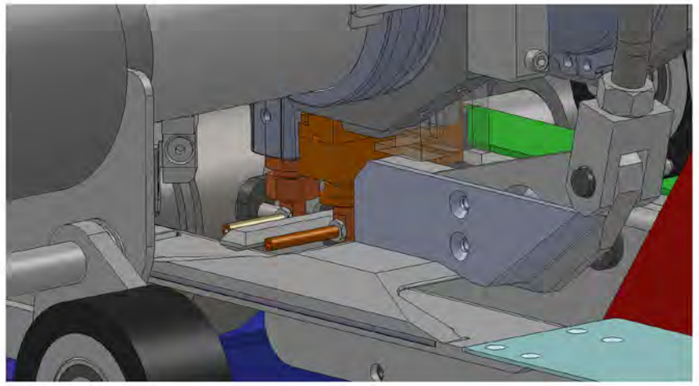
TW 7200
TW 9000

PAC 2248

DT 4800

## TECHNICAL SPECIFICATIONS

A cold collage system consisting of a suction pump, a pilot solenoid valve, and an application nozzle integrated into the junction pad. The whole system is controlled by the HMI of the machine.
A hot collage system consisting of a background, a piloting solenoid valve, and an application nozzle integrated into the junction palette. The whole being controlled by the HMI of the machine.



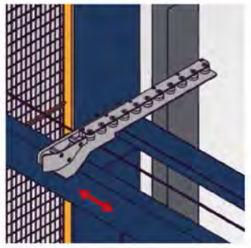
MIX GLUING

# AUTOMATIC ADJUSTMENT

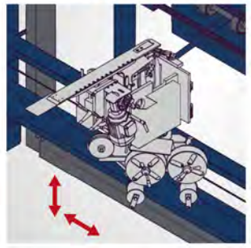
## DESCRIPTION

**Automatic adjustments of a semi-automatic machine main axis adjustments.**

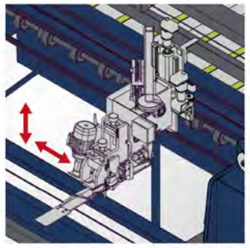
**Lateral guides**



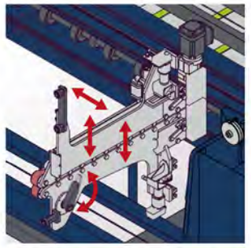
**Stitching group 1**

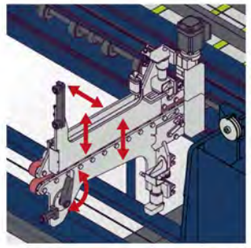


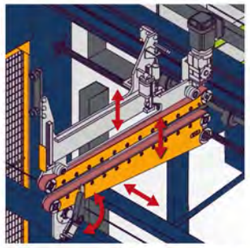
**Stitching group 2**

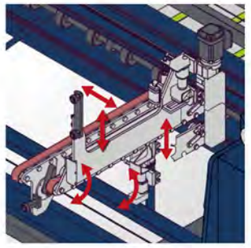


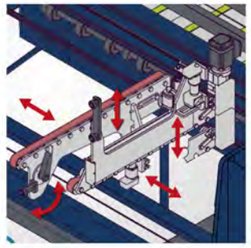
**Sandwiches**

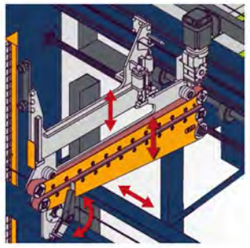












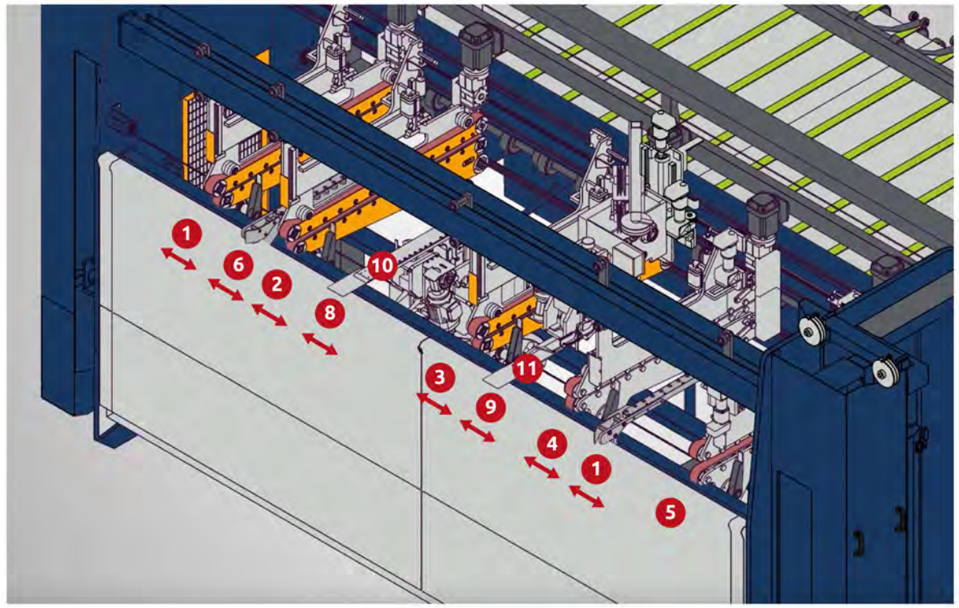
## TECHNOLOGY 4.0

## MACHINES

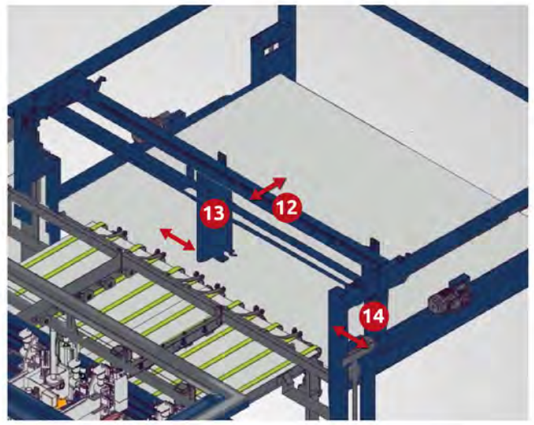
**Find this functionality on this machine:**

TW 7200
TW 9000

## TECHNICAL SPECIFICATIONS




**Motorization of 19 axis to set easily a new job:**
- 10 lateral movement of sandwiches (5 upper / 5 lower) (1 - 5)
- 2 lateral guides movement (6 - 7)
- 2 lateral movement of stitching groups (8 - 9)
- 2 vertical movement of stitching groups (10 - 11)
- 1 front movement of stacker squares (12)
- 2 lateral movement of stacker squares (13 - 14)




**Automatic settings launched by the pre-saved receipt or by the PLC after entering the box dimensions on the panel.**

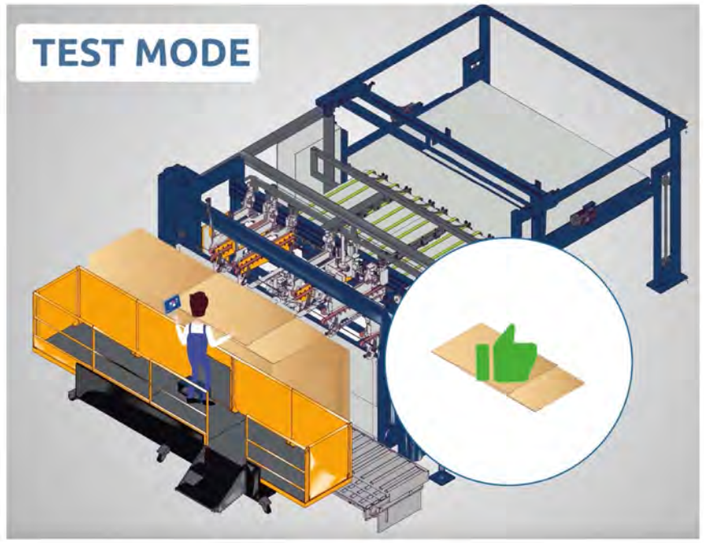
**Time of automatic setting: 2 minutes maximum.**

AUTOMATIC ADJUSTMENT

# PATENTED TEST MODE

## DESCRIPTION

A Patented algorithm transform the box dimensions, entered by the operator, to a perfect placement of lateral guides and stitching groups. Furthermore the TEST MODE©, allows our I-TW to bring back the joined box to the operator's station, before launching production.




## COMPETITIVE ADVANTAGES

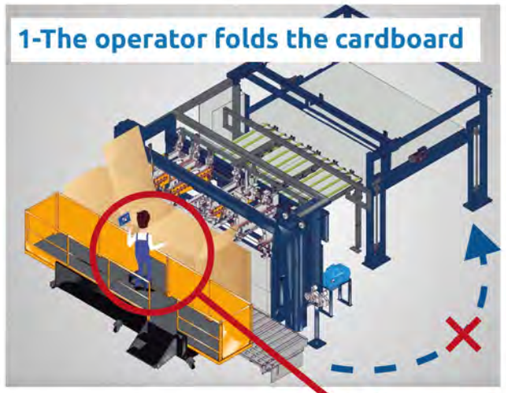
The check control is done without moving to the back of the machine. This innovation, combined with automatic setting mode decreases drastically the downtime of the machine.
It means almost +50% more OEE than a conventional machine.

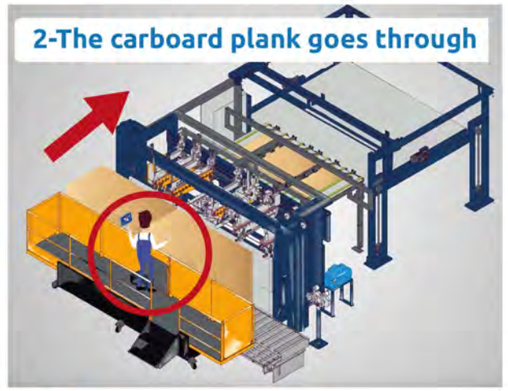
## MACHINES

Find this functionality on this machine:

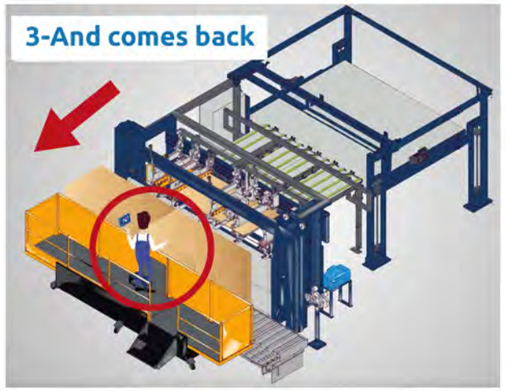
TW 7200
TW 9000

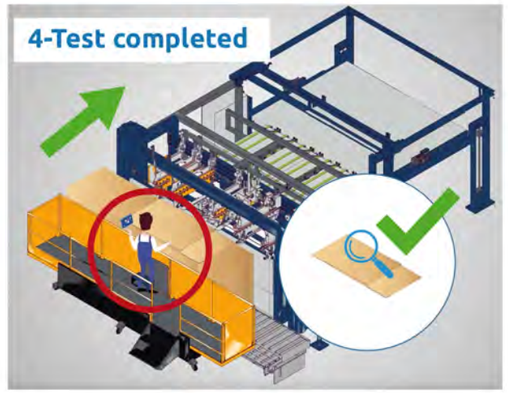
## TECHNICAL SPECIFICATIONS




The operator stays in front of the machine




## TECHNOLOGY 4.0

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PATENTED
TEST MODE