

# Testa

group

World leader in the design and production of finishing machinery, specifically, inspection and packing machines for textile and technical articles.

INSPECTION • CUTTING • PACKING  
FOR DENIM INDUSTRY

Made in ITALY since 1969











## TEXTILE MACHINERY



### BEST SOLUTIONS FOR DENIM INDUSTRY

Discovering the solutions and technologies that Testa Group has specifically designed for the Denim industry, you can revolutionize and optimize textile manufacturing processes by improving quality and efficiency, while reducing production costs.



### WHY CHOOSE US

Choosing Testa Group means relying on an international level partner who has been delivering the finest design, technology and service to the textile industry since the last fifty years with specialized solutions in the Denim industry.

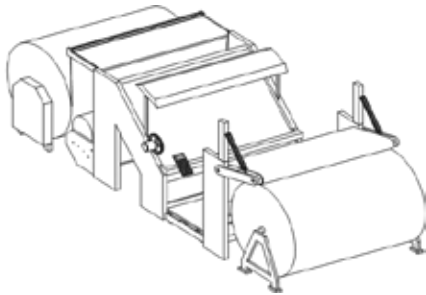


### EXCELLENCE MADE IN ITALY

Our professional team is at your disposal to understand your specific needs, to analyze the scenario and create a tailor-made project for you, which take advantage of the excellence of Made in Italy.



# THE PROCESS



## Fabric Inspection

Fabric inspection from trolley/big batch to big batch. In this step, where no cutting is executed, the positions of the faults are pointed out, or rather the complete mapping of the fabric is created.

## QUALITY CONTROL

01

## Cutting Optimization

It allows to determine with high precision the points in the big batch where every cutting has to take place in order to reach:

- The highest number of first quality cuts.
- The least number of cuts that will be discarded.

The algorithm that manages the elaboration of the cutting plan takes account of the mapping of the defects in the fabric, the customer's optimization criteria and the potential of manual or automatic cutting machines to accomplish the job.

Before starting the cutting, it is possible to perform easily several dynamic simulations with alternative hypotheses.

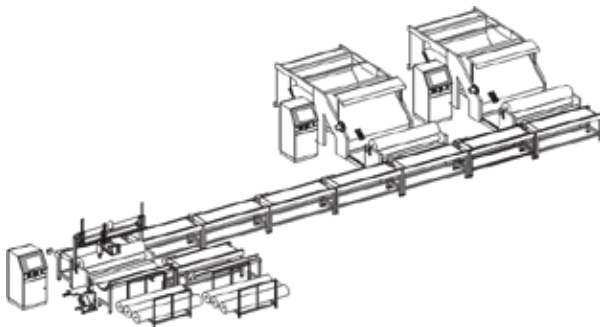
## MANUAL OR SEMI-AUTOMATIC CUTTING

03/a

02

## CUTTING PLAN SOFTWARE MANAGEMENT

incas  
supply chain automation

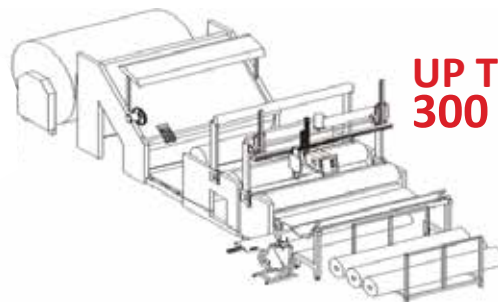


03/b

## FULL AUTO-CUTTING MACHINE

## Cutting Execution

The cutting of the big roll is performed by the cutting machine. There are several cutting solutions, with automatic or semi-automatic machines. It's the pay-back that justifies the machine.



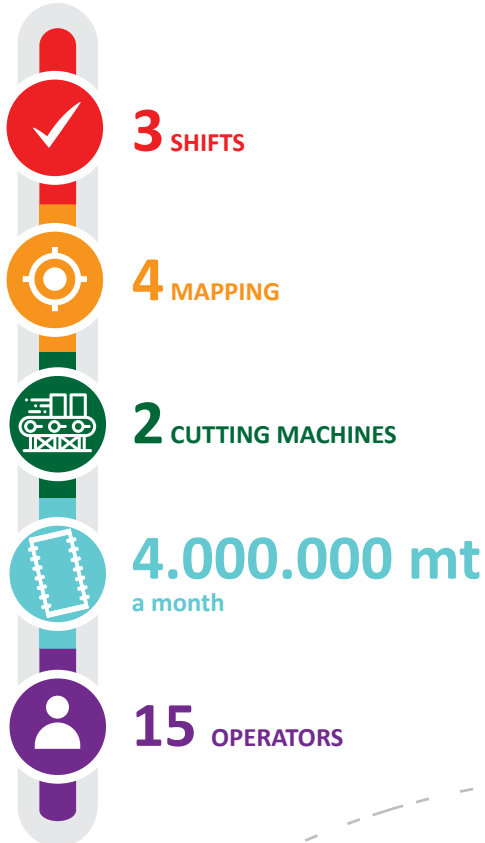
UP TO  
300 M/MIN

# THE BENEFITS



## CUTTING PLAN Solution

(Auto-Cutting Machine)



### Benefits of the cutting plan compared to the traditional inspection

- Increase of the amount of the first rate fabric and decrease of the amount of the second rate fabric. The purpose of checking the fabric of a big roll and then rewinding it allows making decisions considering the overall visibility of the total errors.
- The operator has just to follow the fabric inspection, dedicating himself to this phase that makes the difference regarding the quality of the product. Less operators for the inspection means more uniformity in the inspection criteria.
- Drastic reduction in human errors: the operator does not have to worry about the different cutting specifications because the optimization result is given by customizable parameters already stored for item and / or customer voice.
- A plant like this allows saving space in your factory.

## TRADITIONAL Solution



Inspection and cutting obtained on the same machine at low speed, without the advantages of the optimization.



The solutions provided here for denim fabric can be exploited even for other fabrics, such as cotton; polyester and some technical articles.

## PORTFOLIO

There are hundreds of realities around the world that have chosen Testa Group solutions. Here are some of our references:

**ADM**  
ARTISTIC DENIM MILLS

**VICUNHA**  
TEXTIL

TEXTIL  
**Canatiba**

**CEDRO**  
TEXTIL

**fabricato**

**Coltejer**

**Siga el Quality**

**Diamond**  
Fabrics

**Corduroy**  
S.A. de C.V.  
México

**itv**

**Grandtex**

**Fibraltex**

**SHARABATI**  
DENIM

**Candiani**  
DENIM

**PARAGUAÇU**  
TEXTIL

**BOYO**  
TEJIDOS ROY

**ORTA**  
ANADOLU

**COTEMINAS S.A.**

**SANTANA**  
TEXTILES

**BERTO**  
INDUSTRIA TEXTIL

**UCO raymond**  
worldwide denim

**SIXTY** GROUP

**Tavex**

**raymond**

**KLOPMAN**  
INTERNACIONAL

**SANTISTA**



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