



TTNB Italia

Spare Parts for all Needlelooms

Needle Boards

Stitching Plates

Pattern Reconstruction



Right now,
in 75 countries worldwide,
nonwoven fabric is produced
using our needle boards.



TTNB Italia

Our Vision

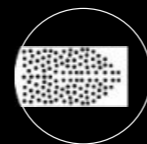
We aim to create a standard, independent and high quality product for every Needleloom on the global market, a constant synonym of security and reliability.

Research, innovation and sustainability are our targets: yesterday, today and more importantly tomorrow.

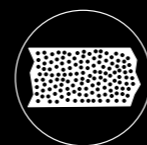


The company in numbers

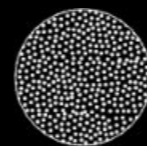
Production



Stitching plates produced: 1.700



Needle boards produced: 15.000

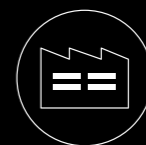


Holes drilled: 90.000.000

Headquarter



Energy: 70% green



Surface: 1.300 m²



11 machines for CNC production
up to 6m



Team Matters

R&D

The customer is at the core of the research we conducted over the years.

Aligning ourselves with the market's needs, we develop constantly evolving products, characterised by increased performances and longer lifespan compared to existing ones.

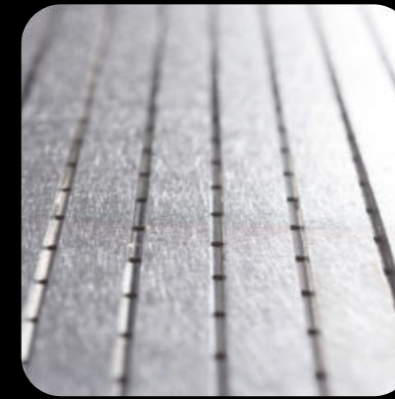
Innovative and sustainable materials are the main pillars of a product that looks to the future.



Needle Boards

Compatible with all Needleloom brands

Optionals



LONGITUDINAL ROWS

- Possibility to orientate the needle



DOUBLE COVERING

- Increases the needle board's endurance
- Reduces bending over time



A WIDER RANGE OF COLORS

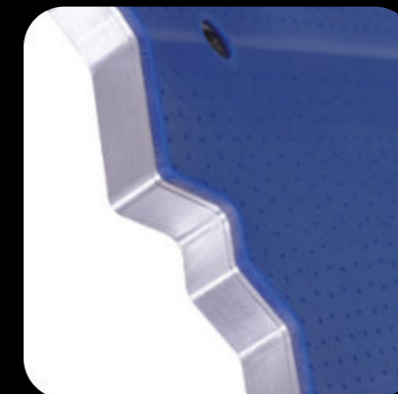
- Many shades available for vulcanization



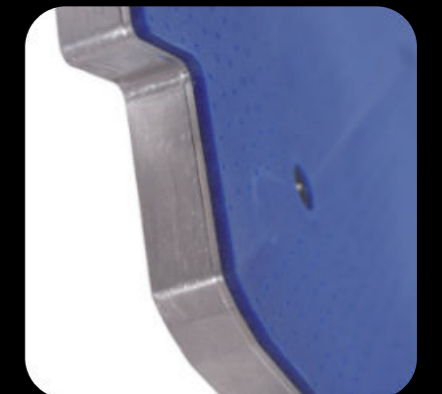
SLIDING DEVICE

- Aids the sliding of the needle board
- Provides better clamping

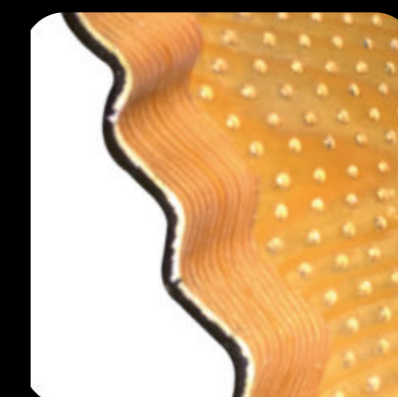
Materials



ALUMINUM



MAGNESIUM



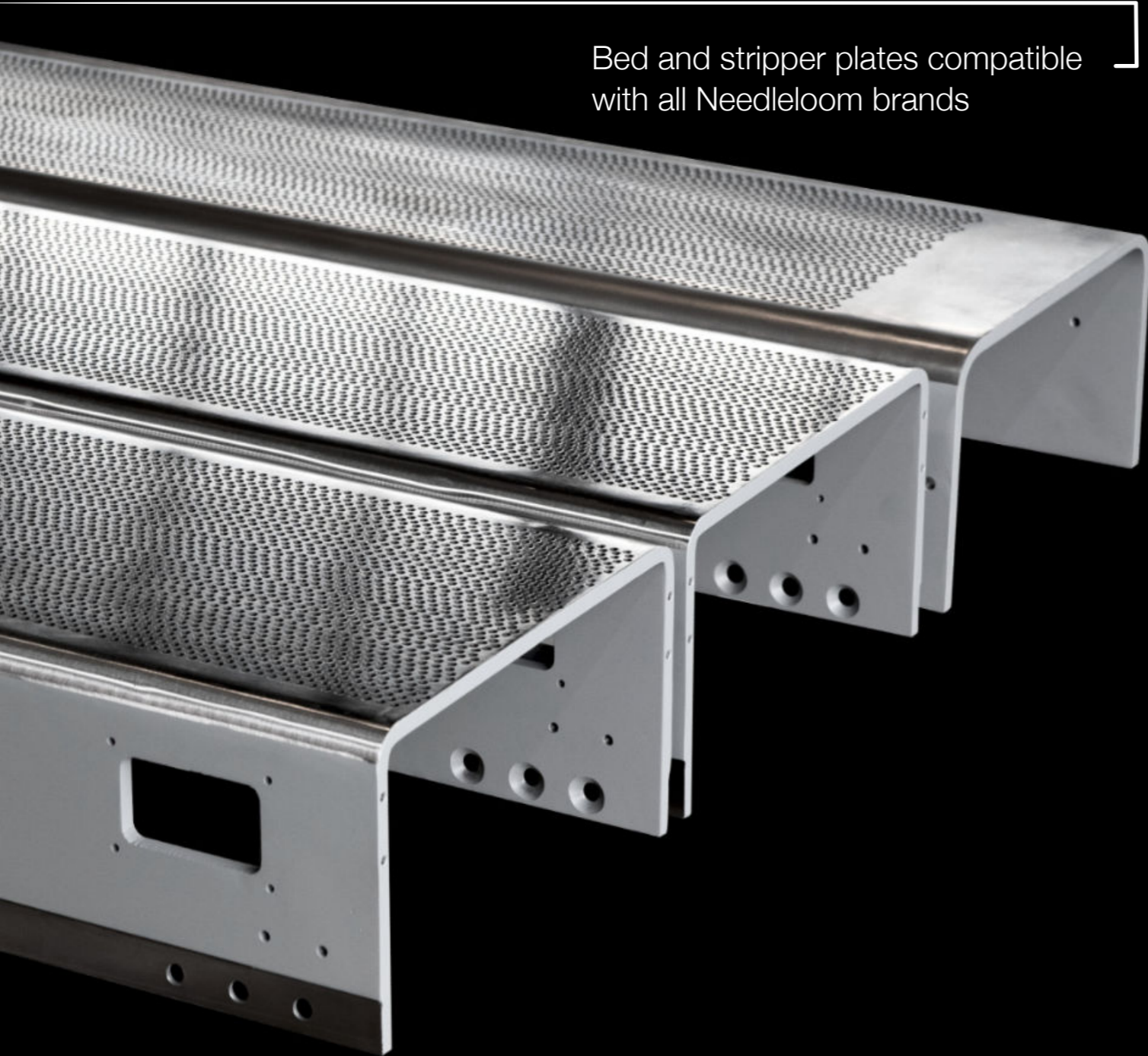
WOOD



ARIA New Reinforced Composite

Stitching Plates

Bed and stripper plates compatible
with all Needleloom brands

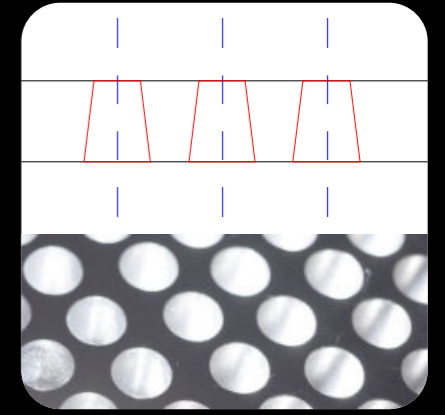


Optionals



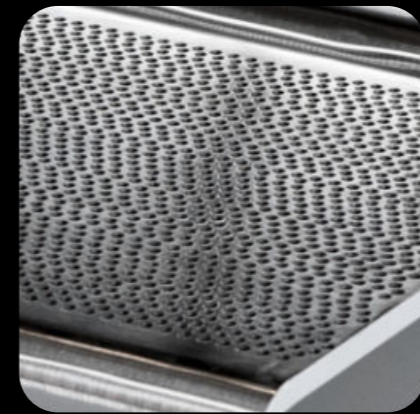
SLOTS

- Necessary for elliptical movement needlelooms



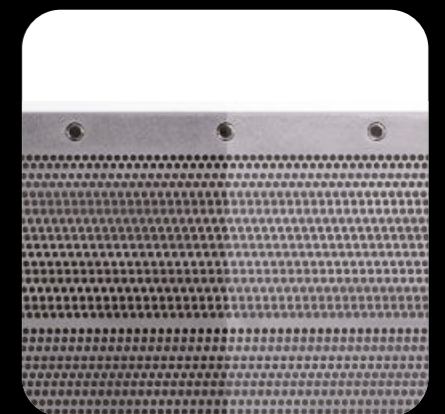
CONICAL HOLES

- An aid to the outflow of residual fiber



SHINY SURFACE

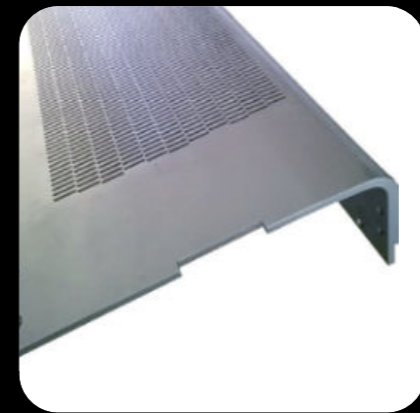
- Impurity-free surface



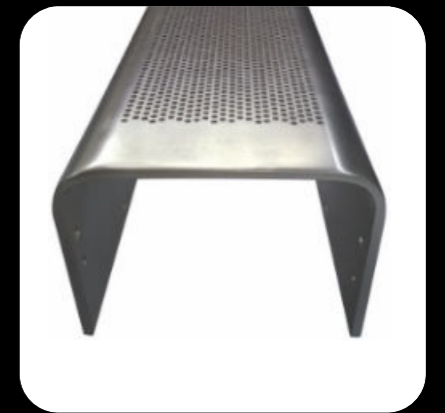
STAINLESS STEEL

- Improves endurance
- Prevents rust

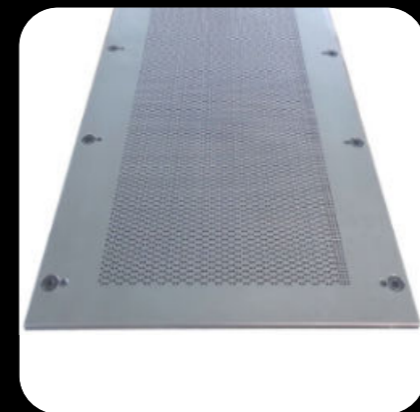
Styles



"L" SHAPED

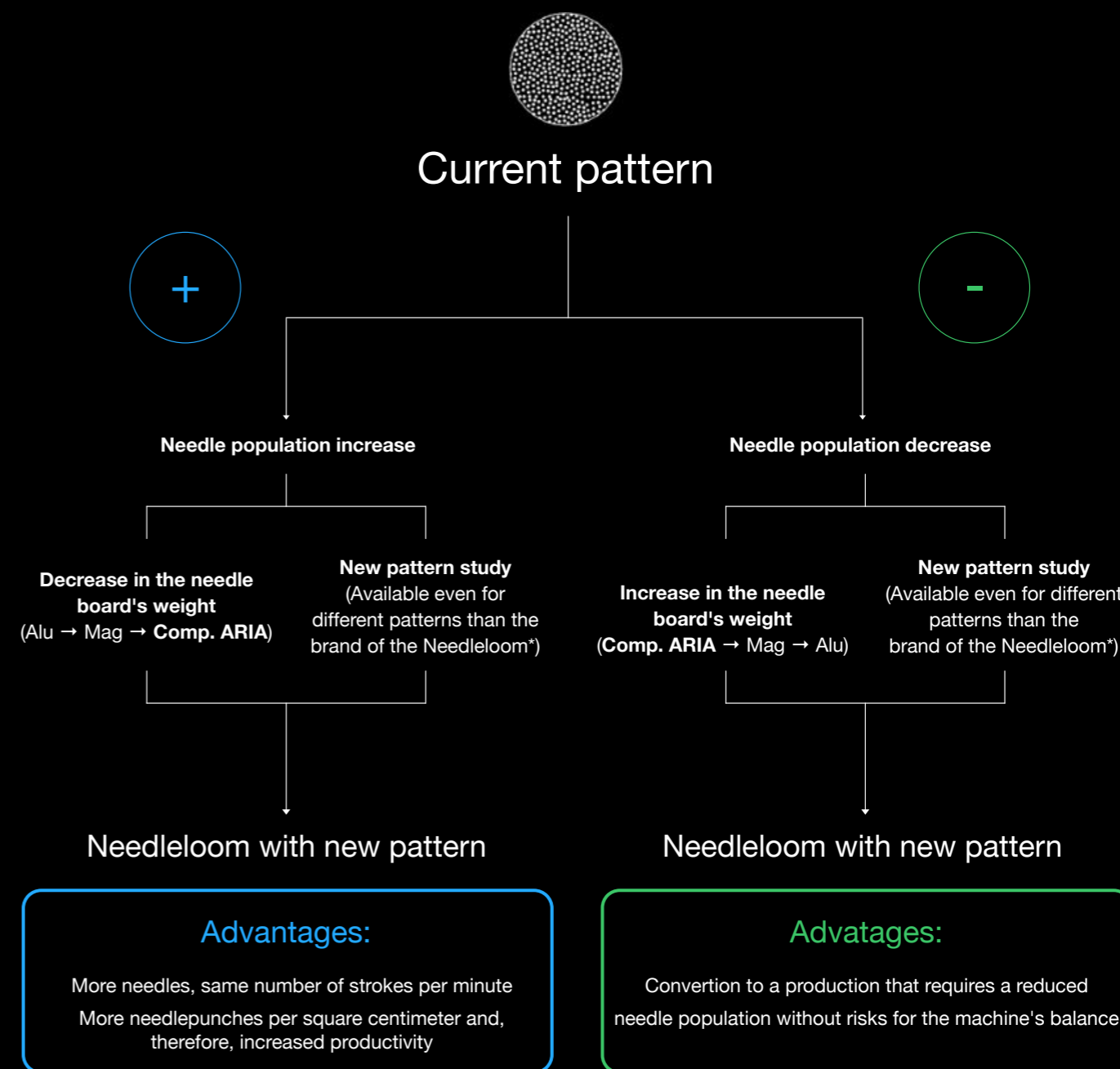
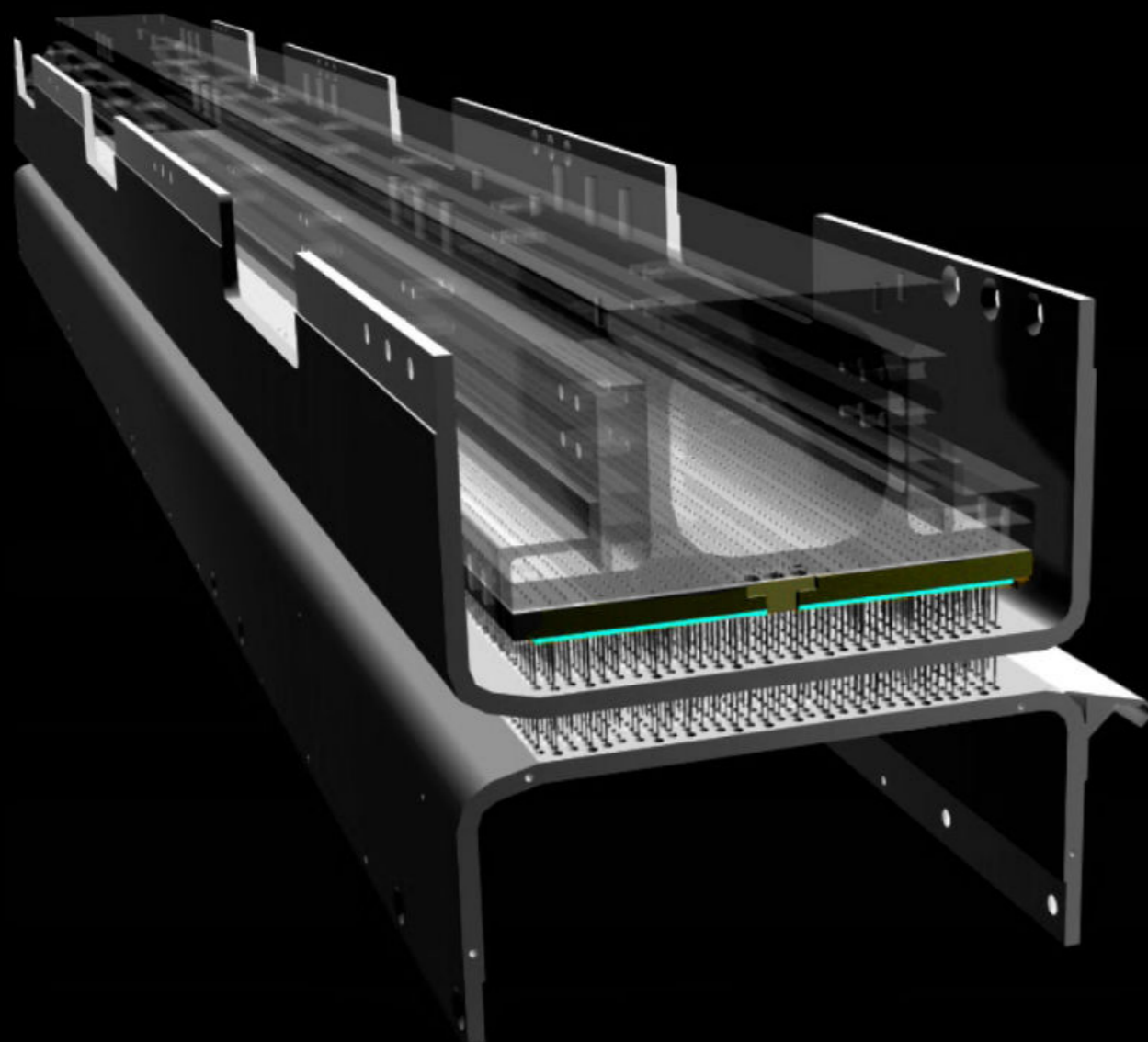


"U" SHAPED



FLAT SHAPED

Pattern Reconstruction



Please note: pattern reconstruction implies the substitution of:

- Needle boards
- Stitching plates
- Needle beam

*depending on the compatibility between the pattern and the dimensions of the needle board.



Quality control



TTNB Italia

All brands in one

Quality control consists in 4 phases:

1. Evaluation of the sample in use
2. Dimensional control using specific tools
3. Post production quality control
4. Quality control report and warranty issue.

Our Technical Department is equipped with a robotic arm, named "Tastatore 3D", to perform measurements with micrometric precision.

www.ttnbitalia.com



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