



TECHNOLOGY

Levante **Laser**

**NEW
2023**

CATALOGUE 2023

EN



About Us

Our story began in 1964 in Genoa as "Officine Piccini & Bassich," a company involved in light metalworking. In 1973, given that we hadn't found a suitable solution for our needs, we decided to build the first industrial punching machine ourselves and hence TECHNOLOGY ITALIANA was created.

Fifty years after the creation of the first punching machine, we remain a family-run company now in its third generation, guided by the values that have always defined us: utmost attention to customer needs, high-quality materials, and specialized personnel to provide tailor-made solutions for every business model and support our customers throughout the machine's entire lifecycle.

Why Choose Us?

Choosing TECHNOLOGY ITALIANA as your business partner means focusing on efficiency, quality, and reliability.

We place customer satisfaction at the core of our project by providing solutions that strike a perfect balance between cutting-edge technology, performance, and quality, all within the right investment. By doing so, it enables us to keep production costs low by gaining a competitive advantage in the market.

We guarantee our customers a specialized team that is always ready to offer assistance at all times.



Our Mission

Our mission is to enable our customers to experience an unparalleled business journey by providing them with top-notch technologies for sheet metal processing while accompanying them as partners and not just as mere suppliers.



Our numbers

These numbers reflect the path of growth and innovation of TECHNOLOGY ITALIANA, defining the journey we've embarked upon.

50

YEARS OF EXPERIENCE

We have been operating in the machine tool industry since 1973 as a manufacturer of punching machines.

1400

INSTALLED MACHINES

Over the years, we have installed more than 1400 machines worldwide.

45

MACHINE MODELS

The wide selection of machines, including laser and punching machines, is a feature that sets TECHNOLOGY apart from the others in the market.

45

COUNTRIES WHERE OUR MACHINES ARE INSTALLED

The wide choice of models, including lasers and punch presses, is a feature that sets us apart in the market.

Customer Experience

There is only one way to give value to our mission: to give space to our customers who enthusiastically share their business experience with TECHNOLOGY ITALIANA.



” TECHNOLOGY ITALIANA is always responsive to the slightest problem and attentive to listening and advising by providing any further information we may need. We purchased our first TECHNOLOGY punching machine over 25 years ago, it seduced us with the technical innovation of the 15 auto-index stations; since then we have followed all the evolutions until, a year ago, we came to purchase the third machine of this type: TP Zeta 3510.

Jacky Racine
Owner of GALVASTEEL (FRANCE)



” We needed to start automating production with a CNC machine. Among the various proposals I examined, TECHNOLOGY ITALIANA was the best. They offered top-notch quality and technology at the right price

Claudio Mus
Owner of OSCAM (ITALY)

” Our TeknoFive is a true 'working horse' that has been running non-stop for seven years, serving production with very low maintenance costs. When it's time to replace our current machine or expand our production line, our next machine will undoubtedly be a TECHNOLOGY ITALIANA product.

Predrag Marin
Owner of MARINEXPERT D.O.O. (CROATIA)

” The machine's robustness, speed, and precision, combined with the solidity of TECHNOLOGY ITALIANA as a company, were the reasons that convinced us to choose them as our machinery suppliers. Today, we can also mention their unbeatable after-sales service, which further confirms that we made the right choice.

Rudyard Cattan
Owner of INDUSTRIAS CATTAN (PANAMA)



Our **full coverage**

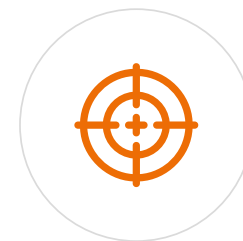
1 YEAR
FULL
COVERAGE
LINEA START

2 YEARS
FULL
COVERAGE
LINEA ADVANCED

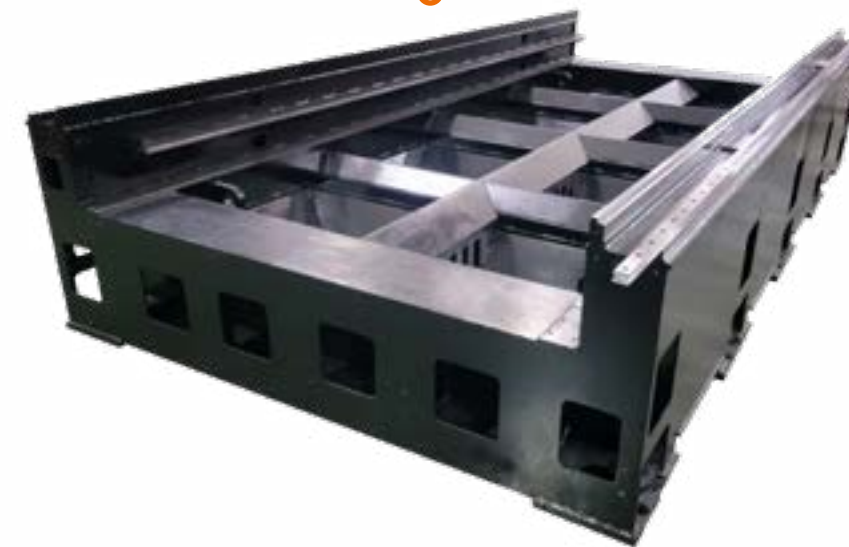
Why **full coverage**?

We provide comprehensive warranties to spare our customers from unexpected expenses.

- ✓ All **spare parts** are included
- ✓ Technicians' labor hours are included
- ✓ Technicians' travel expenses are included.*
*depending on the country, conditions may vary



Precision and quality over time



Levante Laser has been designed with a correctly sized structure, allowing us to push the machine to a **speed of 2.1G**.

Furthermore, during its manufacturing process, the Levante Laser undergoes treatment for weld stress relief to ensure long-term precision.

Dust Extraction System and Sections

The built-in dust extraction system is divided into sections to precisely capture fumes at the cutting point, maximizing efficiency during fume extraction phases and reducing energy consumption and costs.

Simple and intuitive **management**



The machine's console is designed to make the operator feel comfortable right from the start. Moreover, being separate from the machine allows for a broader view of both sides.

The spacious 21-inch display and user-friendly HMI (Human-Machine Interface) enable the operator to start using it quickly.



Cutting Quality

The laser cutting head is a crucial component for achieving a perfect cut. For this reason, we have selected the best solutions available on the market. All cutting heads in the Levante Laser series come equipped with an auto-focus system and a dedicated area for nozzle cleaning.

Camera

With the camera located inside the machine, the operator will always have a clear view of what is happening during the processing.



Speed and Productivity

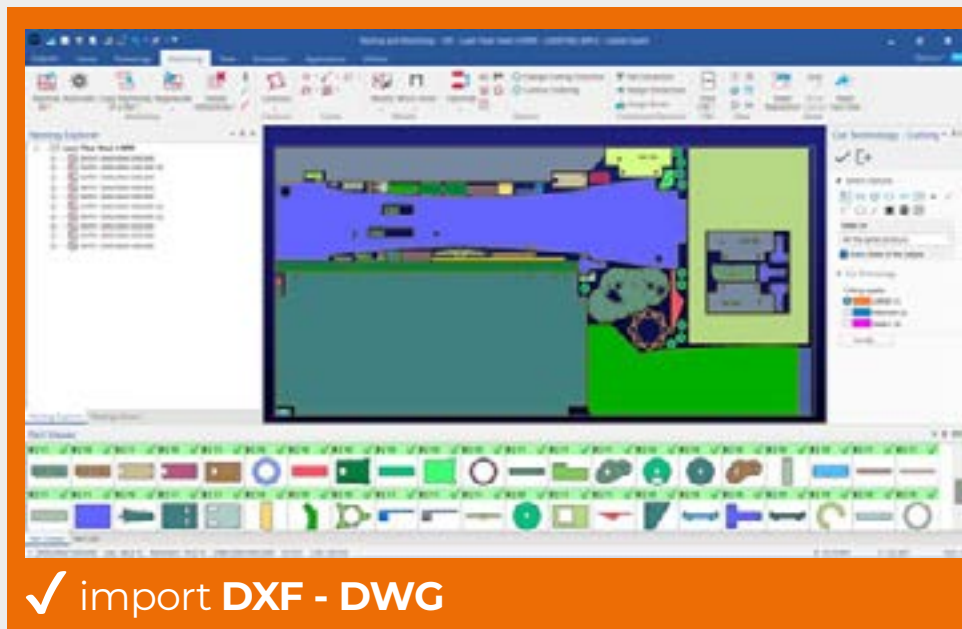
All Levante Laser machines feature a dual-level pallet changer. The switch between the two pallets only takes 14 seconds. Thanks to this system, loading and unloading times for sheets are greatly minimized.

Scrap Recovery

All Levante Laser machines are equipped with dedicated drawers for the collection of scrap generated during the cutting phase.

Programming **Software**

- **Create** programmes
 - **Transfer** to the machine
- All in a few steps**



Choose what to programme your **Levante Laser** with

Our extensive experience has allowed us to choose the best software for our machines. At TECHNOLOGY ITALIANA, we recommend using **Lantek** programming software.

Levante Laser can also be programmed with other CAD/CAM software, such as:

- JetCam
- Computes
- Radan
- Metalix
- Sigmanest

Why choose **Smart Factory**?

The tailored solution for **Industry 4.0**

Smart Factory is a customized solution that integrates production management software, CAM (Computer-Aided Manufacturing), and machines. This approach makes the digitalization of information and interconnection within the company a reality.

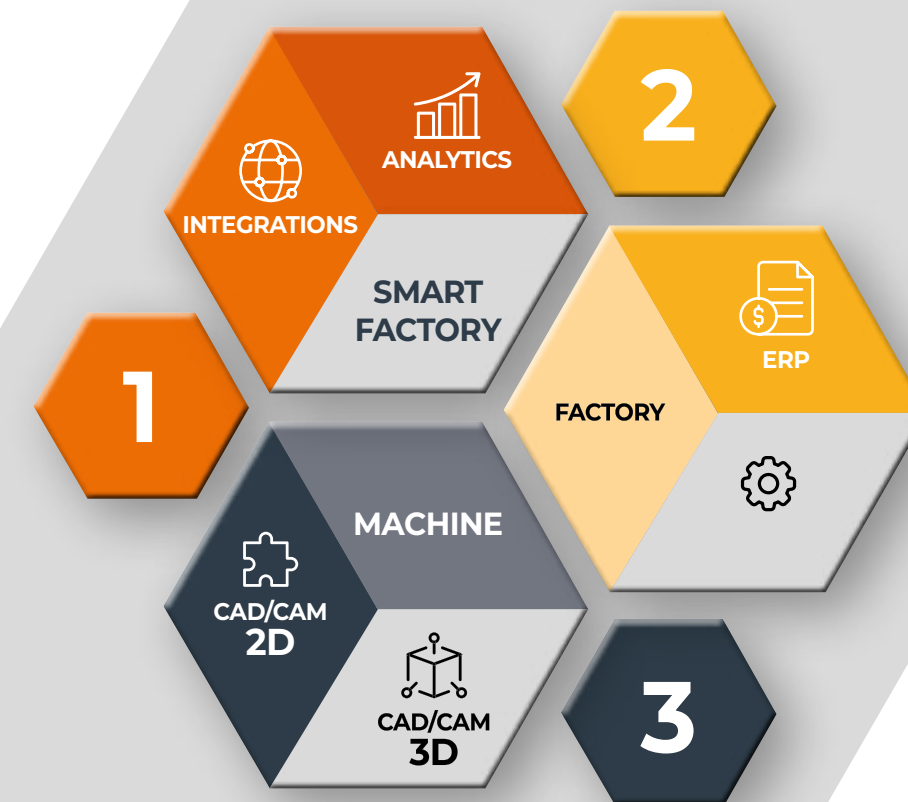
The benefits of a **Connected Company**

INCREASED PRODUCTIVITY

REDUCED ERRORS IN WORKFLOW

EFFICIENT DATA STORAGE

PROCESS MONITORING



Automation

Thanks to the automatic sheet loading and unloading systems, it's possible to significantly increase productivity.



**Increased
productivity**



Why choose **automation?**

UNATTENDED WORK CYCLES

The ability to set work cycles, even overnight, without the presence of any operators.

AUTOMATIC LOADING/UNLOADING

Loading and unloading of large, heavy sheets without the need for operators.

CONSISTENT PRODUCTION TIMES

Work cycles will always have the same duration.

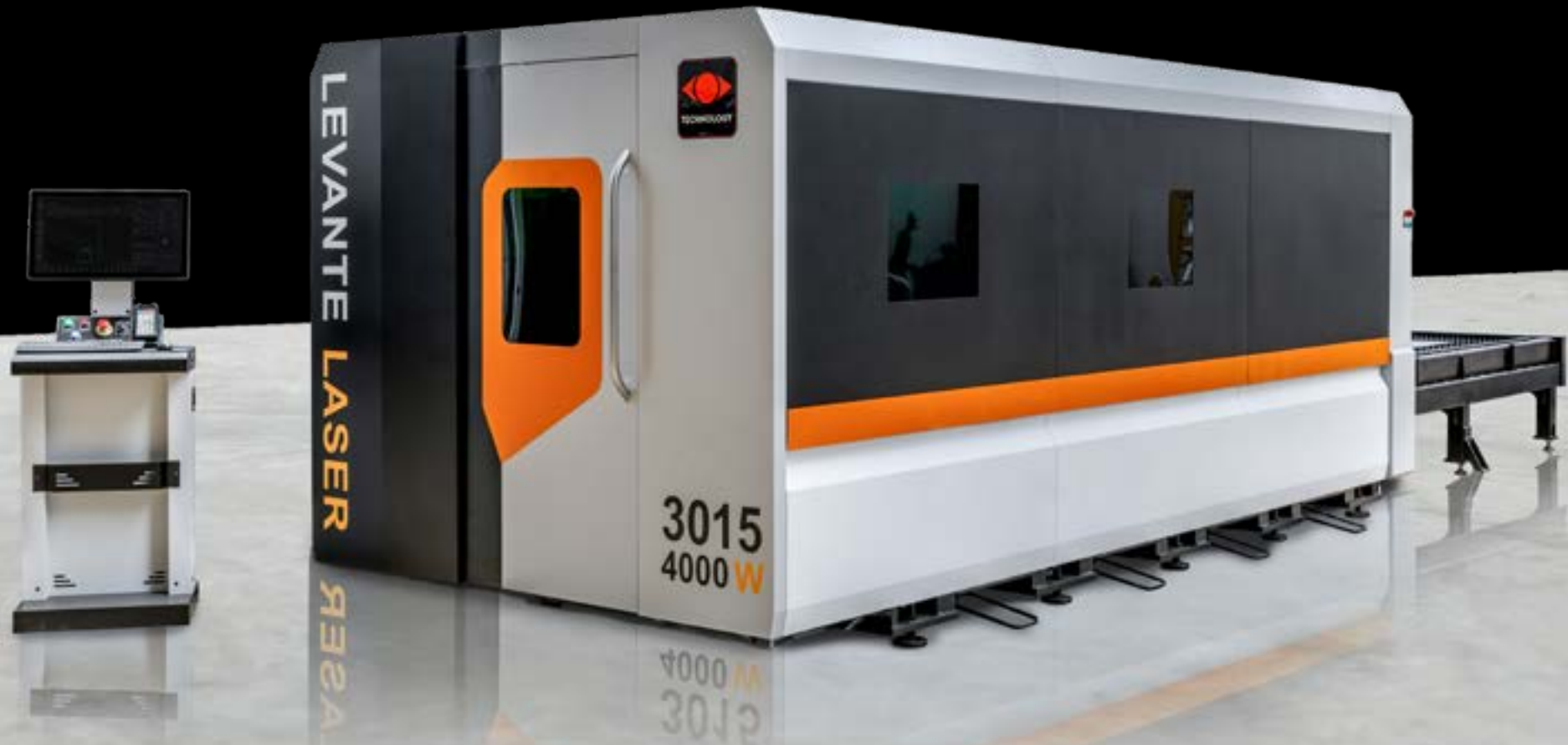
MAXIMUM WORKPLACE SAFETY

Automated production cycles eliminate the risks of operator injuries.

Start Line

Power up to
8 kW

Formats up to
2000x4000



Technical specifications

Available Power	kW	2 3 4 6 8	2 3 4 6 8
X-Axis Travel	mm	1525	2050
Y-Axis Travel	mm	3050	4050
Z-Axis Travel	mm	150	200
Acceleration	G	1.5	1.5
Pallet Change Time	sec	14	14

Size	mm	8300 x 2285 x 2375	10250 x 3100 x 2376
Weight	Kg	8500	9000

SOURCE
Raycus

HEAD
Raytools

Material	Gas	Power				
Available power		2000 W	3000 W	4000 W	6000 W	8000 W
Steel	Oxygen	12 mm	16 mm	20 mm	25 mm	25 mm
Stainless Steel	Nitrogen	8 mm	10 mm	12 -15* mm	18 – 30* mm	25 – 35* mm
Aluminum	Nitrogen	6 mm	8 mm	10 – 15* mm	16 – 30* mm	25 – 35* mm
Brass	Nitrogen	6 mm	8 mm	10 mm	12 mm	12 mm
Copper	Oxygen	4 mm	6 mm	8 mm	10 mm	10 mm

The specified cutting thicknesses are for achieving excellent cut quality. The machine can cut thicker materials however the quality could be compromised.

**These thicknesses are achievable by sacrificing cutting quality.*

Advanced Line

Power up to
8 kW

Formats up to
2000x4000



Technical specifications

Available Power	kW	2 3 4 6 8	2 3 4 6 8
X-Axis Travel	mm	1525	2050
Y-Axis Travel	mm	3050	4050
Z-Axis Travel	mm	150	200
Acceleration	G	2.1	2.1
Pallet Change Time	sec	14	12

Size	mm	8300 x 2285 x 2375	10250 x 3100 x 2376
Weight	Kg	8500	9000

SOURCE
nLight | IPG

HEAD
Precitec

Material	Gas	Power				
Available power		2000 W	3000 W	4000 W	6000 W	8000 W
Steel	Oxygen	12 mm	16 mm	20 mm	25 mm	25 mm
Stainless Steel	Nitrogen	8 mm	10 mm	12 -15* mm	18 – 30* mm	25 – 35* mm
Aluminum	Nitrogen	6 mm	8 mm	10 – 15* mm	16 – 30* mm	25 – 35* mm
Brass	Nitrogen	6 mm	8 mm	10 mm	12 mm	12 mm
Copper	Oxygen	4 mm	6 mm	8 mm	10 mm	10 mm

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A global service

Choosing TECHNOLOGY ITALIANA means relying on a single point of contact capable of providing comprehensive and exclusive services for the world of punching machines and fiber laser cutting.



Specialized Technicians are always by your side

We provide support with specialized technicians in all countries where TECHNOLOGY ITALIANA machines have been installed.

We solve 75% of downtimes through remote assistance

With a simple internet connection, we can securely conduct a comprehensive diagnosis of errors, dramatically reducing machine downtime.

TECHNOLOGY FIRST Service Program

By enrolling in the TECHNOLOGY First program, exclusively available to every customer with a TECHNOLOGY punching machine, you gain access to numerous benefits and discounts on all services.

Altri servizi

- Scheduled maintenance
- Genuine spare parts

FIBRE LASER CUTTING



FULL AUTO-INDEX PUNCHING MACHINES



TECHNOLOGY

AUTOMATION SYSTEMS

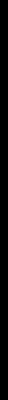


TURRET PUNCHING MACHINES





TECHNOLOGY



Levante Laser

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