



zinetti technologies

ZEN OF MANUFACTURING

THE GROUP



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Zen of Manufacturing

The sheet metal processing workflow must be conceived in a broader way, integrating machines, software, and automation to optimize order management, programming, manufacturing, and internal logistics.

This is the philosophy of Zinetti Technologies: thanks to its expertise and wide range of products, it supports customers in every phase of the production process.

The Zinetti Group has been active for over thirty years in the sale of high-quality products for sheet metal processing, from machinery to tools, from software to accessories.

Zinetti Technologies is the Italian distributor of renowned brands such as Mitsubishi Electric, Schiavi Macchine, RAS, Muratec, Finn-Power, Lissmac, Wilson Tool, Jetcam, Zoomfab, Fentec, and Paillet Manutention et Stockage.

Schiavi Macchine, an Italian manufacturer of press brakes and industrial automation for over sixty years, became part of the Zinetti Group in 2013, expanding and integrating its product portfolio.



SHEET METAL

Mitsubishi Electric

Laser Cutting and Automation

Mitsubishi Electric, with a workforce of 146,500 employees, manufactures a wide range of electrical and electronic products and systems. Its product lineup includes satellite systems, elevators, industrial robots, laser cutting systems, electrical discharge machining (EDM) systems, CNC numerical controls, air conditioning units, semiconductors, and much more.

Mitsubishi Electric is synonymous with excellent solutions in industrial automation technology and high-tech products. The first laser for commercial applications was sold in 1977. Since 2011, Mitsubishi Electric has been present in Europe with a new range of laser cutting machines and advanced automation systems.

MITSUBISHI ELECTRIC IN NUMBERS

8.000 Patents Filed Each Year

Over 12.000 Laser Systems Installed to Date

142.000 Employees

35 billion in Annual Revenue

100 years of reliable technology

Each technology is developed with a constant focus on operator safety and environmental sustainability

LASER Systems

Mitsubishi laser cutting systems are available in the fiber laser line with power levels of 4kW, 6kW, 8kW, and 10kW, and in the crossflow laser line with power levels of 4.5kW and 6kW. The laser system can be integrated with single-tower and multi-tower sheet metal storage systems, enabling automated raw material management and orderly palletized arrangement in line with your production logic.

ARTIFICIAL INTELLIGENCE

An important focus is environmental and energy sustainability, an area in which Mitsubishi Electric has made significant investments, introducing several innovative solutions.

Development has been centered on high quality, ease of use, and advanced functionality, seamlessly combining manufacturing expertise and design innovation.

The cutting quality monitoring system, powered by artificial intelligence, performs continuous analysis and automatically adjusts cutting parameters when needed to ensure a consistent cutting process.

Additionally, the nozzle monitoring system conducts a preventive analysis of nozzle characteristics and wear levels, automatically replacing them when necessary.



FIBER LASER

The resonator, designed and manufactured by Mitsubishi, and the GX series fiber laser systems are equipped with AI-driven technology, providing a range of automated features specifically dedicated to the sheet metal cutting process.

CROSSFLOW LASER

A laser system that delivers high-quality performance for demanding operations, where speed and precision are essential. The Cross-Flow series, developed by Mitsubishi Electric, requires less maintenance compared to conventional CO₂ resonators. The Brilliantcut option enhances cutting quality by 40% to 50%, thanks to a stable, slow-flowing gas system combined with a patented guided beam.



GX-F FIBER LASER

Artificial Intelligence AI
Mitsubishi Zoom Head Cutting Head
Mitsubishi Fiber Resonator – 5-Year Warranty
Mitsubishi D-Cubes Numerical Control



CROSSFLOW LASER

Flexibility with all types of sheet metal, from the thinnest to the thickest, ensuring superior cutting quality

Features:

AI Assist: By utilizing Mitsubishi Electric's AI sensors, the cutting process is monitored in real-time, and parameters are automatically adjusted to optimize cutting performance.

ZoomHead: Developed by Mitsubishi, it ensures the cutting of various materials and thicknesses through automatic beam and focus adjustment. With its magnetic protection system, the head automatically resets to position within seconds in the event of a collision.

AGR-eco: It is a device that reduces nitrogen (N₂) consumption by up to 76% and increases productivity by up to 26%. Economic optimization is primarily achieved through Mitsubishi Electric's original technology, delivering the following results:

- Nitrogen Flow Management
- Fast communication with the D-CUBES CNC control, assisted by artificial intelligence
- Shorter piercing times and higher cutting speeds achieved through the high-quality fiber beam of Mitsubishi Electric's resonator.
- MEL's AR:** The MEL'S AR function, a virtual viewing technology, includes two cameras inside the machine, allowing:
 - Greater utilization of sheet remnants
 - Easy virtual positioning of parts using the "drag and drop" function
 - A top-down view can be created by pressing a button on the D-CUBES panel
 - Individual parts or complete nestings can be positioned on the sheet remnant



HK Laser System

Laser Cutting

HK Laser & Systems: Precision Laser Cutting Technology

Founded in South Korea in 1990, HK Laser & Systems is a global leader in the production of high-precision laser cutting systems and develops advanced solutions for the sheet metal processing industry. Thanks to design based on rigorous structural analysis, HK offers ultra-light, high-performance laser machines, as well as solutions for bending, welding, deburring, and automation.

Zinetti Technologies: Exclusive Distributor for Italy and France

Zinetti Technologies is the exclusive distributor of HK Laser & Systems for the French and Italian markets, offering customers technical expertise, specialized support, and tailor-made solutions to integrate HK machines into their production processes. Thanks to in-depth industry knowledge and dedicated after-sales service, Zinetti Technologies is a strategic partner for those seeking innovation, reliability, and constant support.

Innovation and Reliability at the Service of Production

HK stands out for its continuous investment in research and development, ensuring machines that are always at the forefront of technology. Its laser cutting solutions offer:

- High precision and speed, thanks to advanced control systems
- Optimized energy consumption, to reduce operating costs
- Maximum reliability, with rigid structures and quality components
- Smart automation, to improve productivity and reduce waste

Outstanding Technical Support

Thanks to the partnership with Zinetti Technologies, customers in Italy and France benefit from:

- Fast and specialized assistance
- Customized technical expertise to choose the best solution
- Integration with software and automated systems to optimize production
- Immediate availability of spare parts and a responsive after-sales service

HK Laser & Systems' Mission

With over 2,000 laser systems installed worldwide, HK is committed to providing the best solutions for sheet metal processing, developing strategic partnerships that ensure shared success.

Thanks to its global presence and collaboration with Zinetti Technologies, HK brings the excellence of laser cutting directly to French and Italian companies, with reliable, professional, and cutting-edge service.



RS3015 FIBER

Integration of Cutting-Edge Laser Technology

- High-dynamic motion control (2.5G)
- Easy access to the table thanks to a fully opening front door and side door
- Compact design with minimal floor space requirement
- Significantly reduced vibrations due to a high-rigidity main frame
- Integrated laser source housed in an air-conditioned cabinet
- High productivity and quality, ultra-precision



FS SERIES FIBER

High-Performance Standard Design

- Dynamic motion control (2.0G)
- High-rigidity main frame and cutting beam
- Various table sizes available (up to 8 m x 2.5 m)
- High-quality, high-performance CNC, laser source, and cutting head
- Laser source integrated into a climate-controlled cabinet
- Digitized monitoring system based on Industry 4.0



FL3015 FIBER

Side-Door Model, Top of the Range and Optimized for Workshops

- High-rigidity main frame and cutting beam
- Easy table access thanks to the wide-opening automatic door
- Optimized for cutting various types of material
- Flexible layout to suit your workshop
- High precision and quality
- Laser source integrated into a climate-controlled cabinet
- Optional module for round tube cutting



FO SERIES FIBER

Large-Format Laser Cutting Machine

- Ideal for the shipbuilding, steel, and construction industries
- Delivers high-precision and ultra-fast cutting performance
- Ultra-light, high-rigidity structure for superior efficiency
- Dual touch panels, 4 cameras, and monitor for optimal visibility
- Ergonomic design for intuitive and easy operation
- Multi-chamber fume extraction and laser source housed in a climate-controlled cabinet



FE SERIES FIBER

Standard Design Combining High Performance and Efficiency

- Dynamic motion control (2.0G)
- High-rigidity main frame and cutting beam
- Various table sizes available (up to 8 m x 2.5 m)
- Foldable door and ladder-style frame for easy access
- Reduced operating costs thanks to optimized cutting parameters
- Strategic, optimized model combining profitability, functionality, and practicality



HD SERIES FIBER

Cost-Effective Model with Excellent Price-Performance Ratio

- High-rigidity main frame and durable cutting beam
- High-performance, user-friendly FSCUT 8000 controller
- Full protective enclosure with CE-compliant light curtain safety system
- Dual-height table with simultaneous exchange system
- Dust collection system with automatic cutting area recognition
- Precision proportional valve for high-pressure cutting
- Standard offline CAD/CAM software by LANTEK

Murata Machinery

Punch Presses and Laser Combine

Muratec is one of the world's leading manufacturers of sheet metal processing machines, a pioneer in servo-electric turret punch presses since 1994 and in laser-punch combination machines as early as 1984, with a particular leadership in automation systems. Thanks to the integration of the most advanced control technologies and a strong focus on automation and efficiency, Muratec offers highly performing, reliable, and user-friendly solutions. Its systems stand out for their high productivity, production flexibility, and the ability to reduce cycle times and operating costs, effectively meeting the needs of the most dynamic companies in the sheet metal industry.



LASER COMBIMATE

Muratec offers two types of hybrid combination machines. The LS series integrates fiber laser cutting with forming and tapping, while the MF series combines turret punching with fiber laser technology. Muratec machine models are designed for automation technologies.



HYBRID MULTIFUNCTION
COMBINATION MODEL
LS3015HL



HYBRID LASER COMBINATION
MODEL MF3048HL

PUNCH PRESSES

Muratec's MOTORUM series turret punch presses offer servo-driven punching, reducing production times while maintaining low-noise and safe operations to protect operator health—all while ensuring high productivity.



PUNCH PRESS MODEL
M2044TC



PUNCH PRESS MODEL
M2048TE



PUNCH PRESS MODEL
M2048TS



PUNCH PRESS MODEL
M3048TG

LASER PUNCH COMBINATION MACHINE + SORTING

Punching and laser cutting integrated into a single compact machine. The integration of the machine with automation and sorting systems further enhances production efficiency.



MF30510HL + FG3015

RAS

Panel Benders

Zinetti Technologies is proud to announce its new partnership with RAS Reinhardt Maschinenbau, a global leader in the production of innovative sheet metal processing machinery.

Thanks to this collaboration, Zinetti becomes the exclusive point of reference in Italy for the sales, technical assistance, and application support of RAS machines, offering our customers top-quality, precision, and innovative solutions. The RAS range includes panel benders, swing beam shears, and customized solutions to optimize every production need.

RAS Technology: Innovation Made in Germany

With over 85 years of experience and a strong reputation for quality and precision, RAS Reinhardt Maschinenbau represents the excellence of “Made in Germany” in sheet metal processing.

RAS machines combine advanced automation, flexibility, and ease of use to ensure outstanding performance in any industrial setting. With intuitive software and innovative solutions such as scratch-free panel bending technology and automated loading/unloading systems, RAS machines enable efficient, precise, and sustainable production.



MULTIBEND-CENTER

The RAS Multibend-Center is a fully automated panel bending system that takes productivity to the next level. Ideal for any batch size, it ensures precision, flexibility, and flawless repeatability.



MINIBENDCENTER 2

The MiniBendCenter 2 is the only swing bending panel bender specifically designed for processing small parts. With advanced robotics and innovative software, it enables fully automated operation and unparalleled flexibility.



UPDOWN CENTER 2

The UpDownCenter-2 is a semi-automatic panel bender designed for processing large panels and box-shaped parts. With advanced features and intelligent automation, it is ideal for flexible and diversified production.



XLT BEND

The XLTbend is a flexible and intuitive panel bender designed to handle a wide range of components, including boxes, panels, and enclosures. With advanced technological solutions and innovative software, it ensures precision, ergonomics, and ease of use.



Schiavi Macchine

Press Brakes

Reliability and quality over time are the two core values on which Schiavi Macchine has built its history and continues to affirm its success. These values are rooted in excellent customer service, ensuring continuous training, fast pre- and post-sales support, and deep expertise in technical and design knowledge. Additionally, the company's ever-expanding Research and Development program plays a crucial role in enhancing products and strengthening internal know-how.

Schiavi Macchine's vision is to complete its internationalization program while maintaining strong technological assets, establishing itself as a benchmark in the industry by offering cutting-edge machinery and solutions.

The company's mission is to achieve ever-higher levels of customer satisfaction, guaranteed by outstanding product quality driven by advanced Research and Development programs. The excellence of Made in Italy, combined with continuous innovation and technological advancements, paves the way for strategic partnerships with leading international dealers—essential relationships for the brand's growth and development.

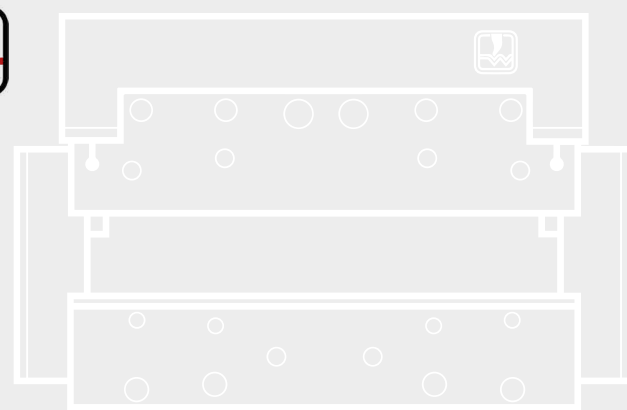
WHY CHOOSE SCHIAVI MACCHINE?

Schiavi Macchine boasts an installed base of over 14,000 machines since its founding. The company is making significant investments in automation systems for both bending and cutting processes.

The Schiavi Macchine press brake range offers high-quality, Made in Italy solutions designed to meet the production needs of numerous industries. Schiavi Macchine International ensures exceptionally precise bending angles that require no further operator corrections, enabling the production of all types of shapes.

Paired with a powerful proprietary software, Schiavi press brakes have been a market benchmark for over sixty years, known for their ease of use, reliability, precision, and low maintenance costs.

Schiavi Macchine's true competitive advantage lies in its ability to manage the entire production process: from customizable machinery with exclusive patents to the most advanced controls, from automating bending and cutting operations to offline programming with real-time synchronization.



PRESS BRAKES



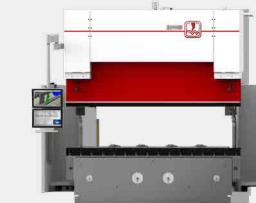
BSTs

The BSTs series is Schiavi Macchine's range of 4-axis press brakes, utilizing the company's traditional structure with rear mechanics (X-R) and a dedicated Task SK12 CNC. The BSTs models range from 500 kN - 1.2 meters to 1250 kN - 4 meters.



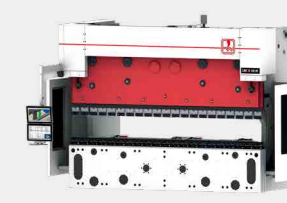
HFBs

The HFBs press brake is designed for customers who require excellent bending precision and high-volume production. The HFBs series ensures outstanding versatility and flexibility, delivering excellent results in manufacturing sheet metal parts of varying thicknesses. Paired with dedicated hydraulics and state-of-the-art control software, the HFBs model provides sheet metal processing companies with the perfect tool to enhance their competitiveness.



HFBx

The HFBx series is the most versatile model in the Schiavi Macchine range. High performance: approach speed up to 250 mm/s. Absolute flexibility: cylinder stroke (500 mm) and 800 mm opening (up to 1000 mm on request). Optimized design: the wide gap between the tables allows the processing of deep enclosures while maintaining high working speed. Engineered to facilitate the release and extraction of complex-profile parts, the HFBx series is particularly suitable for robotic solutions.



LineAr

A press brake that revolutionizes the bending world by eliminating the "crowning effect" with an internationally patented solution that keeps the tool holder tables perfectly horizontal and parallel, ensuring absolute profile linearity. LineAr is particularly suitable for those requiring maximum precision, interlocking profiles, and seamless integration with subsequent processes such as assembly or manual and robotic welding. It stands for speed, exceptional quality, and high bending force. The LineAr series ranges from 3 meters / 130 tons to 12 meters / 1200 tons.



Schiavi Macchine

Bending Cells

A robotic bending cell is an advanced automated system that integrates a press brake with a 6- or 7-axis robot, designed to perform all standard bending operations: picking up flat parts, bending the component, and unloading the finished piece.

The main advantages of a robotic bending cell are:

- Enhances operator safety by automating repetitive and hazardous tasks.
- Reduces costs by eliminating human errors and minimizing waste.
- Operates unattended for extended hours or multiple work shifts.
- Improves forecasting accuracy and work cycle time estimates.



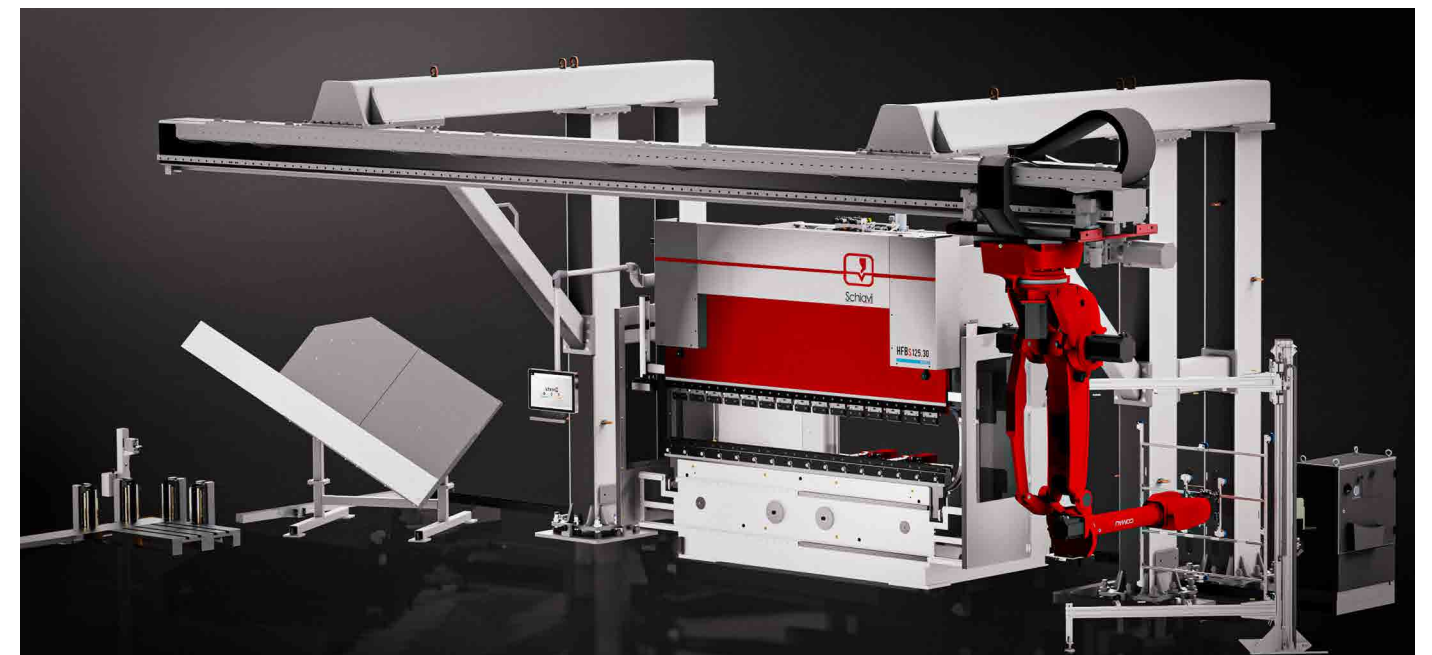
TK FLEXIBEND CELL

The TK FLEXIBEND CELL by Schiavi Macchine represents a revolutionary concept in bending automation, integrating a press brake with a robot into a fully integrated system. The 7-axis robot, available in different models, moves horizontally on a floor-mounted rail with a maximum length of 19 meters, providing exceptional flexibility in movement and operation. Designed to handle a wide range of parts, the TK FLEXIBEND CELL ensures a consistently high level of quality.

Key Advantages:

- Flexibility in handling various types of parts
- Reduction of setup times
- Increase in productivity
- High unattended production capacity

The TK FLEXIBEND CELL is the ideal solution for those seeking advanced, efficient, and high-quality bending automation, capable of meeting the demands of an ever-evolving market.



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TK MINI BEND CELL

The TK MINIBEND CELL by Schiavi Macchine is an innovative and compact solution for automating the bending of small to medium-sized parts, ensuring maximum efficiency, precision, and flexibility. This space-saving cell features standard components that guarantee high productivity and quality:

Designed for Industry 4.0 and ready for Industry 5.0, the TK MINIBEND CELL supports smart and connected production. Programming is performed entirely offline, directly from the office, drastically reducing the need for on-machine interventions and enabling a fast and efficient transition between different production requirements.

Lissmac

Deburring and Grinding Machines

LISSMAC has revolutionized sheet metal processing by developing its own series of machines, including brushing, grinding, and deburring systems, making it one of the market leaders in this sector.

The company's machine technology has received multiple innovation awards and has set new industry standards in sheet metal processing. **Simultaneous processing of both external and internal contours is unique in the market and highly efficient.**

Whether it's removing oxidation layers, deburring, or grinding, LISSMAC systems ensure exceptionally efficient processing times.

LISSMAC automates processes for our customers with the goal of achieving maximum productivity and cost efficiency. To this end, we combine the experience and expertise of our business sectors, allowing us to deliver fully integrated, turnkey solutions from a single source.

LISSMAC offers deburring solutions for every need, ensuring maximum efficiency and outstanding results in sheet metal processing. These excellent results are achieved through: Deburring and edge rounding on both sides; Single-sided grinding and deburring of parts cut with punching tools, laser, water jet, or plasma.

For a high-quality surface finish, whether dry or wet processing, LISSMAC provides configurable products tailored to specific requirements.



SBM: SINGLE WORK CYCLE FOR BOTH SIDES

In the dry processing method, both sides of the cut edges (internal and external contours) are processed in a single operation. Synchronous processing on both sides maximizes productivity in our customers' production processes. The LISSMAC machine concept ensures optimal tool utilization across the entire working width, as parts are always processed transversely to the feed direction. LISSMAC's SBM series includes three machine series: M, L, and XL, selected based on the production requirements and sheet metal thickness. These machine models differ in the number of tool stations used for processing.



SMD: DRY PROCESSING – SINGLE-SIDED

These machines with a basic configuration deliver excellent processing results in surface finishing and sheet metal deburring. They stand out for low tool costs, ease of use, excellent price-performance ratio, leading to faster return on investment.



SMW: WET PROCESSING – SINGLE-SIDED

LISSMAC's SMW 5 series grinding machines set new standards for perfect surface finishing in wet grinding. Built on a modular design, the SMW 5 series can be custom-configured to meet specific customer needs. They stand out for low tool costs, ease of use, excellent price-performance ratio, leading to faster return on investment.



Crimping

Tube Crimping Machines

The Crimping division specializes in machinery and equipment for hydraulic hose processing, offering a portfolio of top brands to meet the needs of the most demanding customers. All our products are backed by Zinetti Technologies' service, which includes spare parts, routine maintenance, maintenance contracts, custom projects, and more. Our product range features Finn Power Crimping, Marken, Hydroscand, and Itensify.

 **Lillbacka | FINN-POWER**

MARKEN
MANUFACTURING

HYDROSCAND

itensify
High pressure &
Flow control systems

FINNPOWER Hose Fitting Machines

Finn-Power products offer high quality and reliability, backed by years of experience in design, engineering, development, and manufacturing. Each product is designed and built with a strong focus on maximizing customer productivity.



MARKEN Automatic Cutting Machines and Winding Systems

For over 25 years, Marken has been manufacturing automatic cutting machines and winding systems. We are happy to provide personalized advice and do our best to turn your needs and ideas into reality. Marken is a reliable and skilled partner, offering support in the development and construction of machinery while continuously optimizing its production processes. The Marken team consists of highly experienced and continuously trained professionals.



HYDROSCAND Cutting Machines and Tube Strippers

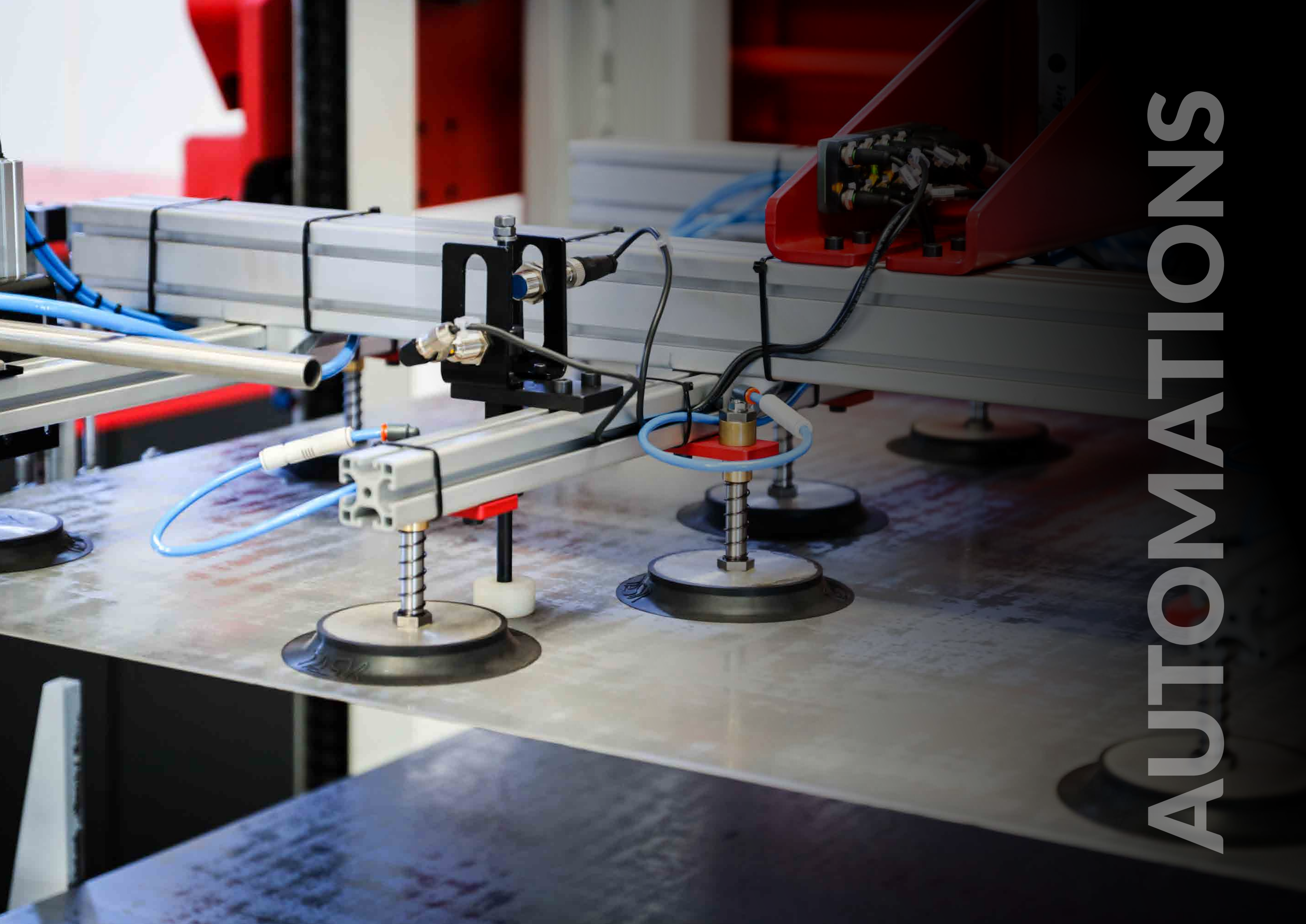
Hydroscand was founded in 1969 in Stockholm with the goal - then and now - of creating cutting machines, tube strippers, tube cleaning systems, measuring systems, unwinders, accessories, and assembly centers. Around 30 years ago, Hydroscand began developing and manufacturing its own machines, with a strong focus on high quality and reliable performance.



ITENSIFY Testing Benches

Itensify develops cutting-edge testing systems for quality control of pressure-containing objects. Innovation is a top priority in the development of testing solutions. With our advanced technology, including electric drive and SoftBleed, testing can be performed quickly, cost-effectively, and with high precision. Itensify's mission is to help customers take a step forward in pressure testing, enhancing the quality of their testing process to ensure a safe product for the end user.





AUTOMATIONS

Task Dynamic Automation

Task Dynamic, the automation division of Schiavi Macchine International, specializes in advanced and customized industrial automation solutions, with a strong focus on sheet metal processing. With decades of experience, we are committed to optimizing production processes and maximizing operational efficiency for our customers.



TASK

COMPACT SERVER

The Compact Server is a space-saving solution for sheet metal loading and unloading. Designed for quick and easy installation, the system is preassembled at the factory and delivered ready to be integrated with the laser machine, reducing startup time. A plug-and-play solution, perfect for customers seeking immediate efficiency.

Features:

- Fast transport and installation, requiring only one truck
- Easy programming via PLC
- Integrated thickness monitoring device (not optional).

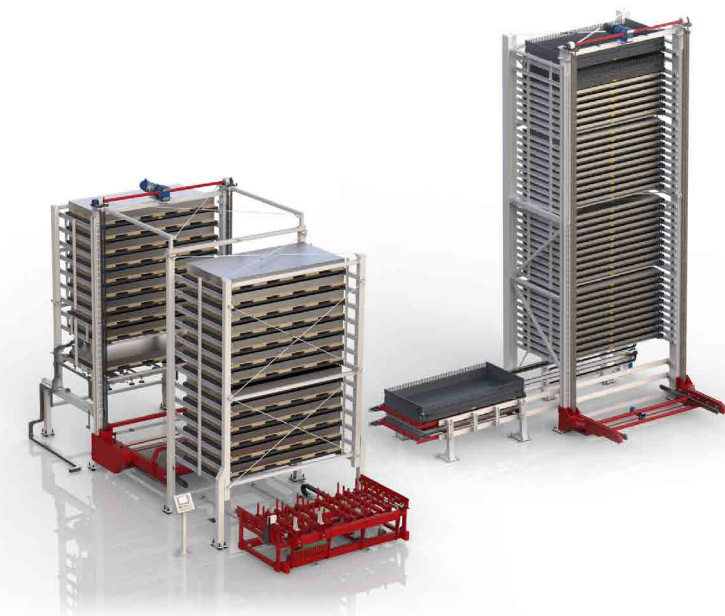
The Compact Server combines space and energy savings to provide an innovative solution for automated sheet handling in 2D laser systems. With quick installation, immediate operation, and advanced control, it is ideal for boosting productivity and minimizing downtime.



MULTI TOWER

The Multi Tower offers a flexible, high-capacity storage solution for automated processing. Fully customizable, it seamlessly integrates with loading/unloading and laser sorting stations to create autonomous processing cells. The central automatic retrieval system manages drawer movements for efficient loading and unloading, ensuring long-term independent operation.

The Task Dynamic storage system is a comprehensive, efficient, and secure solution for sheet metal storage and management. Designed to adapt to various production needs with a robust structure, it is the ideal choice for companies looking to optimize space and improve material flow.



COMPACT TOWER

The Compact Tower is a modular automation solution for sheet metal loading, unloading, and storage. Its configurable design allows it to scale with customer needs and adapt to a variety of production scenarios.

Features:

- Configurable with drawers of different heights, with or without a platform.
- Non-slip forks to prevent scratching delicate materials.
- Three-position pallet change system to optimize the production cycle.

The Compact Tower is a comprehensive and modular solution for companies seeking advanced and automated sheet metal loading, unloading, and storage management. With the ability to customize the system to specific needs and featuring advanced handling and control technologies, it ensures safe, precise, and efficient operation, reducing costs and enhancing productivity.

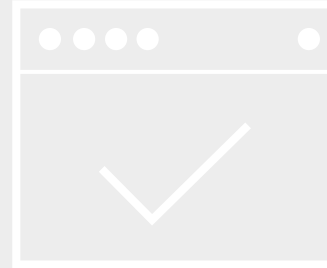




SOFTWARE

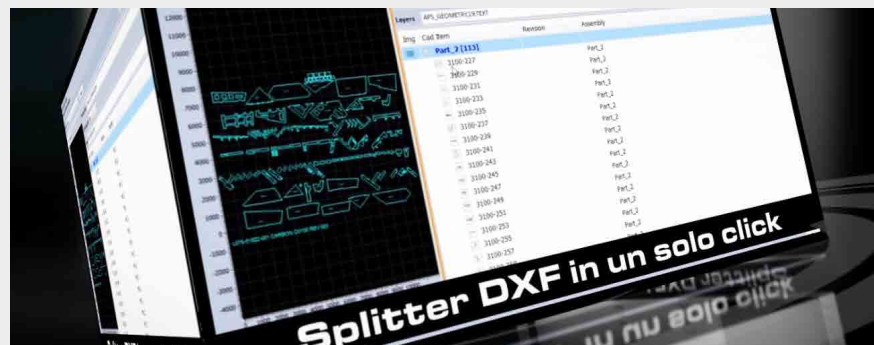
Jetcam

CAD/CAM Software System



Jetcam®, founded in 1986, develops and markets CAD/CAM software systems. Over the years, it has become a benchmark in CNC machine programming, including punch presses and machines for sheet metal and composite cutting. Since the early 1990s, Jetcam® introduced the Virtual Operator (RCP® – Remote Control Processing) and has since evolved its technology, integrating Industry 4.0 and IoT concepts. The Jetcam-CrossTrack Platform is the natural evolution of these principles and enables:

- Precise and automatic real-time traceability of each individual sheet/lot in stock and cut components, including non-conforming parts;
- CrossTrack® provides real-time, intuitive interface for simplified yet highly precise management of all processes related to raw material transformation in the complex world of sheet metal processing.
- A multi-nesting reporting system specifically designed for operators responsible for sorting cut components to reassemble the order according to the subsequent processing stages planned for each part.



The competitive advantage of Jetcam® lies in its flexible, cutting-edge platform, which operates without brand restrictions, supporting punch presses, lasers, and combination machines, including the latest-generation models.

Both the Jetcam® University online, which offers topic-specific training courses for operators, and on-site training sessions tailored to the customer's specific production needs, ensure a comprehensive and structured learning experience.



Zoomfab

Zoomfab Software

ZOOMFAB® displays all machines with scheduled maintenance as well as those with overdue maintenance.

ZOOMFAB® provides valuable daily insights, highlighting delayed activities, upcoming warranty expirations, maintenance, and calibration needs, offering a comprehensive overview of the current value of existing assets and outstanding loans. Each asset can be linked to a QR code, allowing users to instantly access machine details by simply scanning the code with a mobile phone or tablet. This grants immediate access to serial numbers, warranty documents, user manuals, service manuals, drawings, maintenance records, support contact information, and more.

ZOOMFAB® instantly generates comprehensive and accurate reports without the need for manual data collection and entry. This allows you to discuss financial, insurance, or maintenance contracts with professional-grade information readily available. Additionally, you can export, print, or email reports directly from ZOOMFAB®.

IN SUMMARY

ZOOMFAB® enables strategic information monitoring, accurately detects and calculates the true operating cost of each machine and its break-even point, while also allowing users to set the minimum profit margin for each machine.

The innovative ZOOMFAB® algorithm not only collects consumption data but also precisely monitors assets, reports current financial data based on system production levels, and provides insights on whether each asset is performing above or below the projected budget.

The ZOOMFAB® asset estimation and monitoring module represents Zinetti Technologies' innovative approach, setting it apart from current market solutions that rely on theoretical calculations of single-part processing time and estimated energy or gas consumption, often resulting in inaccurate data.



Task Dynamic

CNC Software

PLC, and Drives

Task Dynamic offers a variety of advanced controls for managing different machine functions. The range includes both simple controls, which allow users to set, store, and monitor bending parameters, as well as more sophisticated control panels featuring an advanced graphical interface and bending simulation.

NUMERICAL CONTROLS

ATHENA

ATHENA is an advanced numerical control (CNC) designed for managing press brakes, developed from over 30 years of experience in Task Dynamic's hardware and software division. Its simple and intuitive Graphical User Interface (GUI) is displayed on an exceptional 21.5-inch high-resolution LCD with a sophisticated multi-touch touchscreen. ATHENA features highly advanced graphics, especially in 3D functionalities, where operators receive full assistance during each bending phase. The system provides graphical creation of tools and parts in 2D/3D, importing of 3D parts from CAD/CAM, real-time 2D/3D simulation and visualization of every bending process stage. ATHENA guides and assists the operator throughout the entire bending sequence, offering a modular solution capable of meeting any user requirement.



TITANO

The Reliable Solution for Press Brake Retrofits
Titano is Schiavi Machine International's proven numerical control system, designed to upgrade aging press brakes and enhance their performance. Reliable and robust, Titano optimizes production processes, ensuring greater efficiency and extending the operational life of machines. With its intuitive interface and advanced functionalities, Titano is the ideal choice for those seeking a solid and high-performing system to retrofit existing equipment.



SOFTWARE

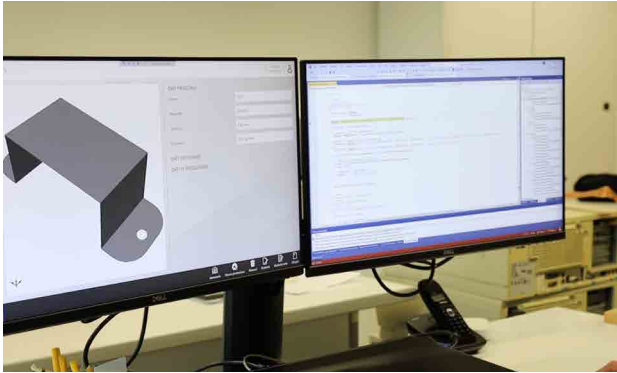
BENDING SYSTEM

Bending System is the advanced software developed by Schiavi Machine International, designed for managing and optimizing the bending process. It allows for the rapid generation of the bending sequence, tool configuration, and bending program, with an intuitive interface and high compatibility with various CAD/CAM formats, simplifying operations and ensuring maximum efficiency.



A.R.S.

A.R.S. is proprietary software for the simulation and programming of robotic cells, developed to calculate the optimal trajectories for loading, bending, and unloading the component.



PLC AND DRIVES

CRC3 is a device designed to manage all real-time control activities of the press brake axes. It communicates directly with the numerical control, ensuring maximum precision and responsiveness in machine operation.

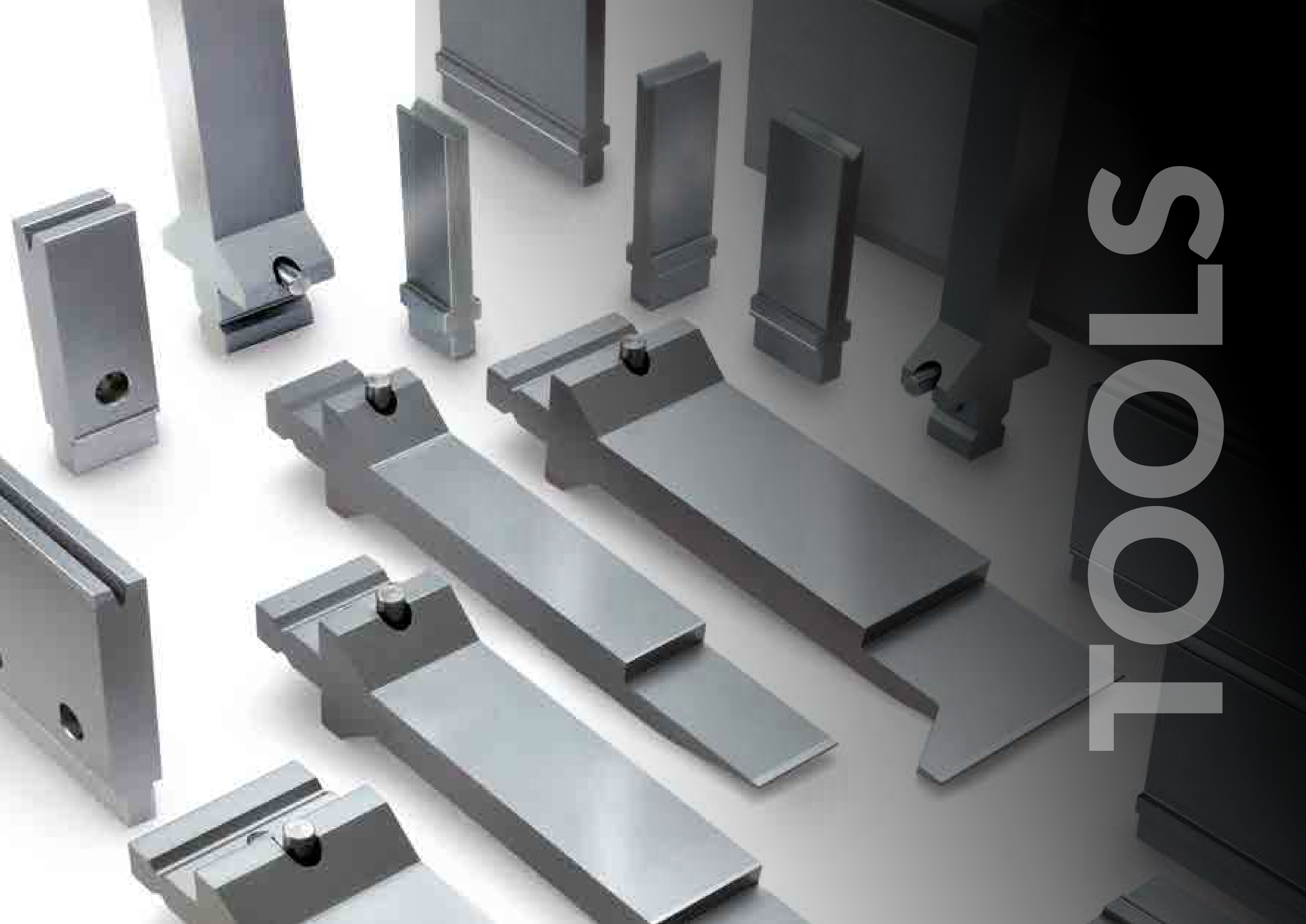


EMBLAX is an innovative system that combines the motor and drive into a single device, reducing space requirements, costs, and wiring complexity.



MICROAX It is a compact vector drive for controlling stepper motors with encoder feedback, designed to ensure maximum efficiency and reliability.





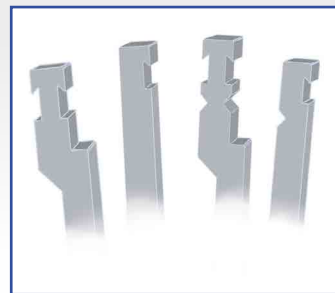
Punztec

Punching, Bending, and Laser Cutting Consumable Tools

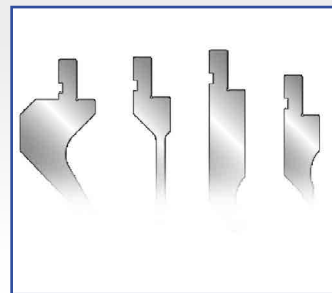
Punztec distributes Wilson Tool products in Italy, the world's largest independent manufacturer of sheet metal tooling systems for punching, bending, and related accessories. By choosing Wilson Tool, customers gain access to the largest global team of technical sales specialists serving the sheet metal industry, all dedicated to helping their clients become the most successful manufacturers in the world. Wilson Tool's commitment to its customers is rooted in a deep sense of responsibility, shared by all its employees and dealers, and is reflected in its mission, products, and customer service.

- Innovation and Continuous Research
- Ideas and suggestions to maximize performance in both standard and complex machining processes
- Dedicated support and training
- Pre- and post-sales support

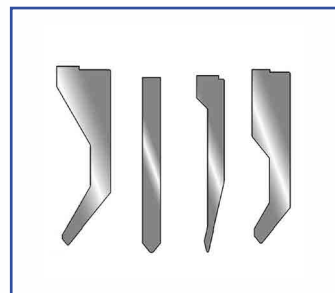
BENDING



Bystronic Style



European Style



LVD Style



Trumpf Style



Wila Style

LASER CUTTING CONSUMABLES

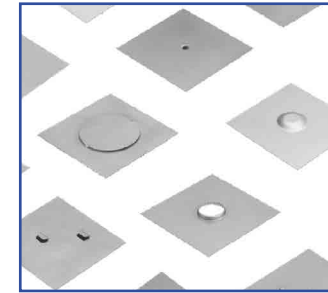
In addition to standard lenses, Punztec offers two types of low-heat-absorption lenses for CO₂ lasers:

-Duralens Extra: Thorium-free, low-absorption lenses suitable for all CO₂ laser power levels. These lenses have an extended operational lifespan, ensuring focus accuracy and stability, with an absorption rate of <0.16%.

-Black Magic: Low-absorption lenses designed for high-power CO₂ lasers. Featuring a smooth surface for easy and effective cleaning, they provide exceptional focal stability.



PUNCHING



High Turret - Special Tools



High Turret - Finn-Power Multi-tools



High Turret - Iseries



Punching Tools



Low Turret



High Turret - Quick Tap



Low Turret - LVD



Trumpf Specials



Trumpf - Tapping Tools



Trumpf



Accessories



Euromac



LVD-PX



Salvagnini



Wiedemann

Tools for Laser Cutting Systems

Accessories for Slat Cleaning and Micro-Jointed Part Removal

Zinetti Technologies offers a range of accessories to support your daily operations with laser cutting systems.

SLAGHOG

Slag Hog allows for quick and easy cleaning of support slats, ensuring high-quality, risk-free production. With Slag Hog, slats no longer need to be removed for cleaning, providing maximum convenience and time savings. Using this accessory, cleaning a standard laser bed (1500 mm x 3000 mm) takes approximately 15-20 minutes.

HOW DOES IT WORK?

To remove slag buildup during cutting, the tool moves along the slats of a laser cutting system. The cutters operate on each side of the slat, lifting and removing the accumulated slag.

It can be used on steel, copper, or hybrid steel-copper slats. When not in use, SLAG HOG™ can be easily transported on wheels and stored in an upright position.



RHINO HAMMER

The Rhino Hammer makes it much easier to remove micro-jointed parts after the cutting process. This innovative tool uses compressed air to generate impact vibration, allowing the micro-joint to break away while leaving the finished component in perfect condition.

Its key feature is the exclusive polyurethane component, available in two sizes: Standard (38 mm diameter) and Small (19 mm diameter).





Fentec

Storage

Innovative Solutions for Sales, Rental, and Self-Service Monitoring

FENTEC, a Finnish technology leader, is revolutionizing the way companies manage sales, rental, and asset monitoring with its cutting-edge solution, FENTEC Vending Solution™.

Transform Your Business with a Complete Self-Service System:

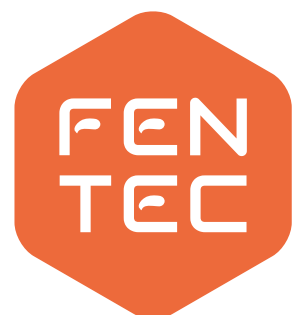
- Automated Sales: Provide your customers with a flexible and convenient 24/7 shopping experience, eliminating the need for dedicated staff.
- Self-Service Rental: Simplify the rental process for your customers, allowing them to access and use your products independently.
- Remote Monitoring: Track the real-time usage of your assets, gaining valuable insights to optimize operations and maximize profitability.

FENTEC Vending Solution™: Benefits for Your Business

- Increased Profitability: 24/7 availability, reduced staffing costs, and optimized inventory to maximize profits.
- Optimized Operational Efficiency: Automation of repetitive processes, waste reduction, and resource optimization for greater efficiency.
- Enhanced Customer Experience: A seamless and convenient self-service shopping experience to boost customer satisfaction.
- Advanced Data and Analytics: Real-time asset usage monitoring provides valuable insights for strategic business decisions.

FENTEC: A Trusted Partner for Over 100 Companies in Europe

With over 100 clients across various sectors, including industrial, logistics, healthcare, and services, FENTEC has a proven track record in delivering innovative technological solutions that enhance efficiency and profitability for businesses.



FENTEC CABINET

FENTEC Cabinet™ is a smart vending solution that provides 24/7 easy access to materials for authorized on-site users. Automated self-service points enhance sales, service, and operations.



FENTEC 24/7 CHECKOUT ROOM

FENTEC 24/7 Checkout Room™ is a fully automated checkout solution that can be installed in any existing warehouse. It brings your service directly to the point of use and is always available.



FENTEC CONTAINER

FENTEC Container™ is a smart, easily transportable storage solution designed for supplying products to unmanned or remote worksites. It serves as an additional or temporary warehouse whenever needed.



Paillet Manutention et Stockage

Our Mission? Providing You with Handling and Storage Equipment.
Shelving, pallets, carts, conveyor belts, containers, and wheels—our product range is extremely extensive. With over 3,000 items in stock, we ensure fast delivery and maximum responsiveness. With experience dating back to 1974, we cater to the needs of various industries, serving both large industrial groups and local artisans. At Paillet Manutention et Stockage, there are no small clients—only the commitment to delivering the right solution for your needs!

STORAGE

Efficient storage management is based on a thorough analysis of needs, taking into account available space, stored products, and the best quality-price ratio. The experience and expertise of Paillet Manutention et Stockage have led to the development of optimized and modular solutions, ranging from sheet metal shelving to pallet racks. While adapting storage structures to the products is essential, modular shelving significantly improves working conditions. By combining installation flexibility, high manufacturing and finishing quality, and low installation costs, our range meets all your storage needs. Our technical office is at your disposal to help optimize your storage space, fully complying with current European regulations.

EQUIPMENT

Discover our wide range of essential equipment for the efficient and safe management of your warehouses and inventory. From the durability of plastic containers to the versatility of pallet boxes and the reliability of retention systems, we offer comprehensive solutions to optimize your logistics operations. Our plastic containers, made from high-quality materials, ensure secure product protection while facilitating handling and storage. Pallet boxes provide a practical solution for transporting and organizing goods, optimizing space and ensuring greater safety. Additionally, our retention systems are designed to prevent leaks and spills, ensuring compliance with regulations and environmental protection. Lastly, our warehouse and shelving protections enhance installation safety, reducing the risk of damage and accidents.



HANDLING

Paillet Manutention et Stockage has developed a wide range of products designed to minimize handling efforts while ensuring durability and practicality in industrial environments. With 50 years of industry experience, the company offers versatile and reliable solutions. Our technical office is available to assist you with any necessary modifications tailored to your specific business needs. This industrial-grade range offers a wide selection of colors and incorporates ergonomic design in all applications, from manual carts to conveyor belts, as well as trolleys and metal pallets.

STORAGE



EQUIPMENT



HANDLING





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SLAG



HOG

RHINO



HAMMER

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Phone: +39 0376 1572114
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