

UTAL LICENSE PLATE
SOLUTIONS

www.utsal.com



**ADVANCED SOLUTIONS
FOR SECURE
VEHICLE IDENTIFICATION**



EXPERIENCE. EXPERTISE. RELIABILITY.



„We understand that the key
to success is innovativeness and reliable quality.
Benefit from our knowledge and experience”
– CEO Jacek Wojciechowski.

Driven by innovation, expertise and reliability, UTAL delivers **comprehensive end-to-end solutions for license plate production and secure vehicle identification**. The company offers license plates, as well as machines, tooling and automated production lines for license plate manufacturing. All key production machines are designed and manufactured in-house, enabling UTAL to provide tailor-made solutions precisely adapted to local regulations and customer requirements.

- Today, **UTAL supplies** solutions to more than **80 countries** and serves as a preferred or exclusive partner in numerous markets.
- UTAL meets **strict international standards**, complying with multiple **ISO certifications**, including ISO 9001:2015, ISO 14001:2015 and ISO 27001:2022. All UTAL machines are engineered in line with EU directives and are **CE marked**. The company's technological excellence, quality and reliability have been recognized with **numerous awards**.
- **Innovation and environmentally responsible technologies** are at the core of UTAL's production processes. The company actively promotes ecological awareness among employees and partners, recognizing that **sustainable practices** contribute to a better future.



END-TO-END
SOLUTIONS



80+
COUNTRIES
SUPPLIED



ISO
CERTIFICATIONS



SUSTAINABILITY

OUR HISTORY & MILESTONES

- Founded in 1991, UTAL has continuously expanded its capabilities and **international presence**.
- The establishment of an **R&D department** marked a turning point, enabling the company to develop engineering and software solutions and build strong expertise in security and anti-counterfeiting technologies.
- Since 2000, **all license plate manufacturing machines have been developed in-house**, enabling UTAL to deliver tailor-made, end-to-end solutions — from concept and design to machinery and ready-to-use license plates.
- Since then, UTAL has built a **strong global reputation** based on state-of-the-art engineering and expertise in preventing counterfeiting and illegal production of license plates. The company has evolved into a **modern, independent organization**.
- UTAL's global success is built on a **customer-centric** approach, **continuous innovation** and **consistent quality** — powered by decades of expertise and deep technological know-how.

Our journey has been defined by key milestones and continuous growth
– from a local manufacturer to a global technology and solutions leader.

	1991 Establishment of the company.	2014 Launching the Automated Production Line for License Plate Personalization.	
	1997 Launch of License Plate Frame Production	2015 UTAL presents the NFC Secure press.	
	2000 First machine developed and R&D establishment.	2018 Doubling the production area.	
	2007 First ever Automated Line for Blank Plates Production.	2025 Equipping over 30 factories worldwide Presence in over 80 countries around the world. Over 20 million license plates.	

SHAPING THE FUTURE OF LICENSE PLATE SECURITY

UTAL manufactures and supplies a full range of license plate types, fully compliant with local and national regulations. Our portfolio includes blank license plates, personalized ready-to-use plates, as well as complete machinery and tooling for license plate production.

For security and regulatory reasons, license plate personalization is typically performed within the destination country and often

under the supervision of government authorities. Regardless of the operating model, UTAL customers benefit from certified product quality, secure processes, and efficient global distribution, ensuring reliable and timely delivery for even the most demanding programs.



RFID FOR SMART VEHICLE IDENTIFICATION



iPlate

iPlate are high-security license plates equipped with RFID tag, combined with a secure database environment and advanced production technologies. This solution enables remote vehicle identification while providing enhanced protection against counterfeiting and unauthorized duplication.

iSticker

The RFID Windscreen Sticker is an alternative or complementary solution to iPlate, providing secure remote vehicle authentication through a tamper-evident RFID-enabled label. The sticker is designed to self-destruct upon removal, preventing reuse and enhancing system security.

SECURITY FEATURES



With decades of experience, UTAL not only understands the license plate market – we actively shape its future. We recognize that **effective protection against counterfeiting** is essential and therefore offer a comprehensive portfolio of advanced security features.

Our **high-security license plates** have been proven to reduce fraud and criminal misuse, while the **combination of multiple security elements** significantly increases the overall level of protection. This integrated approach ensures robust, **future-proof security** tailored to the needs of modern vehicle registration systems.



Multicolour graphics

Multicolour graphics applied onto retro-reflective foil using UV FULL COLOR technology, enabling durable, high-resolution color elements.



Holograms

Customized, weatherproof holograms featuring a three-level security system. Can be applied on embossed license plates like stickers or integrated using hot-stamping technology.



Dedicated HP foils

Hot-stamping foils with customized inscriptions integrated into the foil structure.



QR code / DMC code

Two-dimensional barcodes applied on the license plate, containing information related to the specific plate.



Security labels

Security labels based on a two-stage QR code, created at various stages of the legalization process, combined with an alphanumeric data structure according to a defined standard.



Ensure marks

Special laser-applied marks, typically containing the country code or symbol and the coat of arms, visible only at a specific viewing angle.



Laser digraph / Laser trigraph

Laser markings containing a code or individual symbol visible at an angle, creating two or three independent images for enhanced authentication.



RFID

RFID solutions combined with an integrated database and advanced document production technologies, enabling remote tracking and detection of false license plates.



Serial numbers

Laser-applied, indelible and unique serial numbers for each blank plate, ensuring full traceability.



Barcodes

Unique barcodes containing serial numbers, date of manufacture, batch numbers, and other production-related data.



UV prints

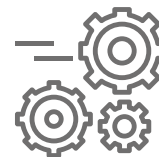
Dedicated inscriptions or logos that become visible only under UV light.



Dry stamp

Plates marked with a single engraved sign on the reverse side, providing an additional physical security element.

ONE-STOP SHOP FOR LICENSE PLATE PRODUCTION



When it comes to license plate production, UTAL is a true one-stop shop. From the very beginning, our core objective has been to design, manufacture, and supply the complete range of machines required to produce and personalize license plates anywhere in the world.

Supported by our in-house R&D department, we develop and manufacture machines recognized as best-in-class solutions on the global market. Together with our customers, UTAL has become one of the world's leading suppliers of license plate production machinery.

In addition to equipment, UTAL supplies customers with all components and consumables required for license plate production. Our advanced logistics systems and rigorously qualified supplier network ensure competitive lead times and reliable delivery for every customer need.

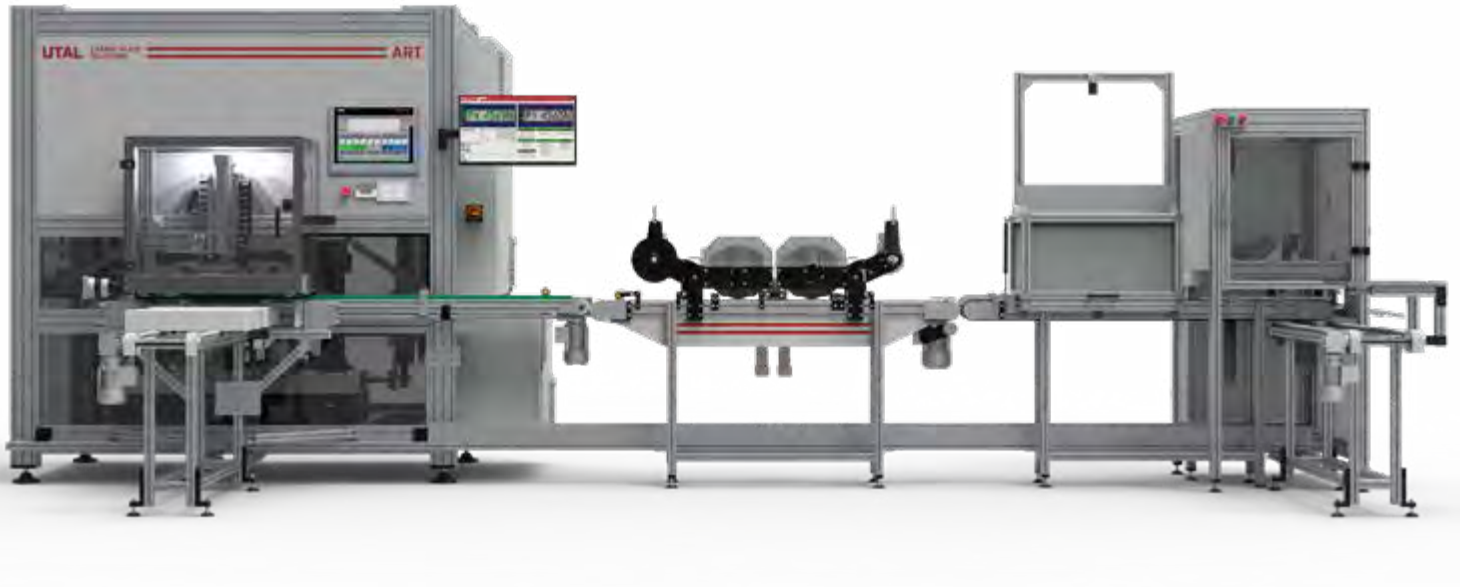
AUTOMATED PRODUCTION LINE FOR BLANK PLATES

UTAL's Automated Production Line for Blank License Plates (without embossed numbers) is among the fastest in the world. With an output of up to **80 plates per minute**, the system combines exceptional productivity with a design optimized for minimal maintenance requirements.



The systems support remote diagnostics, service configuration, and machine adjustments, enabling the fastest possible service response regardless of customer location. All machines are equipped with intuitive color touch-panel interfaces, allowing operators to easily configure, monitor, and control the production process.





AUTOMATED PRODUCTION LINE FOR LICENSE PLATE PERSONALIZATION - ART

UTAI's fully Automated Production Line for License Plate Personalization embosses and hot stamps blank license plates with an **output of up to 1000 license plates per hour** (standard, single-row license plates) and can be efficiently operated by a single operator.

Its innovative design enables the processing of random combinations of digits and letters. When connected to an external database, orders are processed online and in real time, with no production delays. The machine operates in conjunction with the manufacturer's **IT system – ProPlate**, which can be seamlessly integrated with any customer data source.



Thanks to UTAI's proprietary system for intelligent selection and replacement of dies, the line supports a wide range of character combinations. This enables **highly efficient, fully automated serial production** of vehicle license plates with maximum accuracy and repeatability.

An intuitive HMI touchscreen interface, supported by an advanced **Vision System** and an **RFID-based embossing die identification** solution, ensures safe, reliable and error-free operation throughout the entire personalization process.



MACHINES FOR LICENSE PLATE PERSONALIZATION



UTAL offers a comprehensive portfolio of license plate personalization machines, including hydraulic **embossing presses** and **hot stamping machines** for both single-row and double-row plates. The range is complemented by dedicated **shredders** for the secure destruction of withdrawn license plates, supporting regulatory and security requirements.

The UTAL **hot stamping machine DS ECO** is engineered to deliver class-leading energy efficiency among comparable solutions on the market. Advanced energy-saving technologies **reduce overall power consumption by up to 30%**, enabling lower operating costs while maintaining high process stability, foil transfer quality, and production performance.



EMBOSSING PRESS PU 35T-230



HOT STAMPING MACHINE DS ECO



PLATES SHREDDER ST5-230



NFC SECURE PLUS PRESS

The **NFC Secure Plus** embossing press, operating in conjunction with the manufacturer's **IT system ProPlate**, is a dedicated solution developed by UTAL to provide the **highest level** of control and security in the license plate personalization process. Production orders are **transmitted electronically**, while the system continuously **verifies operator actions** to ensure that only the correct registration number is embossed.

Through automatic recognition of clapper-dies, the press confirms the required character set before each operation. The integrated **software actively prevents operator errors** by blocking incorrect embossing sequences and ensures that unauthorized license plate production is effectively eliminated, supporting full traceability and compliance with the most demanding regulatory environments.

EMBOSSING TOOLING AND ACCESSORIES

- UTAL provides a **complete portfolio of tools and accessories required for license plate production**, including tooling for blank plate production lines. Our in-house manufacturing capabilities cover milled and injection-molded clapper-dies, tools for embossing plate rims, and other dedicated tooling elements designed for long-term precision and durability.
- In addition, UTAL delivers comprehensive **spare parts** supply and **after-sales service** for all production lines, machines, and equipment. This ensures maximum system availability, long-term operational reliability, and consistent production performance throughout the entire lifecycle of UTAL installations.

IT SOLUTIONS FOR LICENSE PLATE PRODUCTION



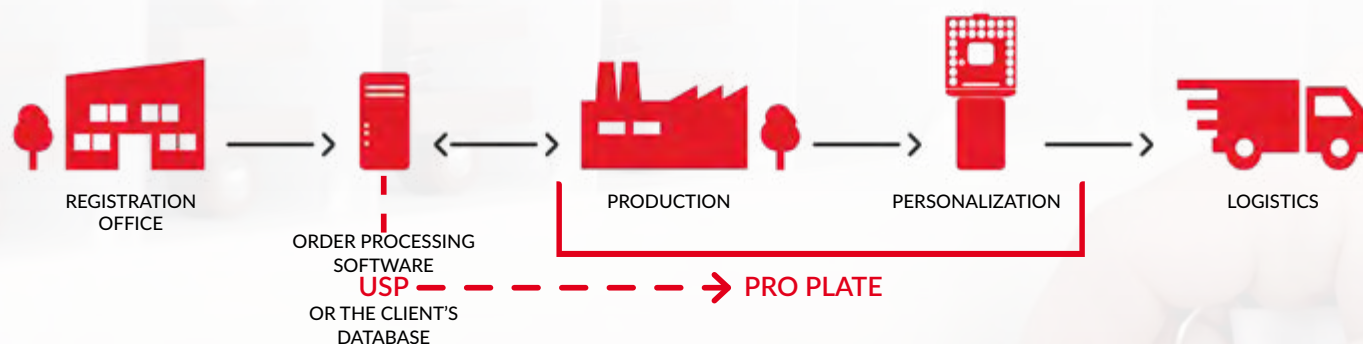
USP

- UTAL SERVICES PLATFORM

The UTAL Services Platform (USP) is a modern SaaS-based centralized platform for order management and secure data exchange in license plate production and distribution. It **connects plate manufacturers with issuing authorities**, enabling transparent, fully traceable, and compliant workflows.

USP is deployed in UTAL's cloud or the customer's cloud and ensures seamless electronic data flow across all stakeholders, supporting key functions such as registration number management, order tracking, inventory control and reporting. Its flexible architecture enables direct machine connectivity, easy integration with customer IT systems, and customization to national requirements.

ORDERING SYSTEM



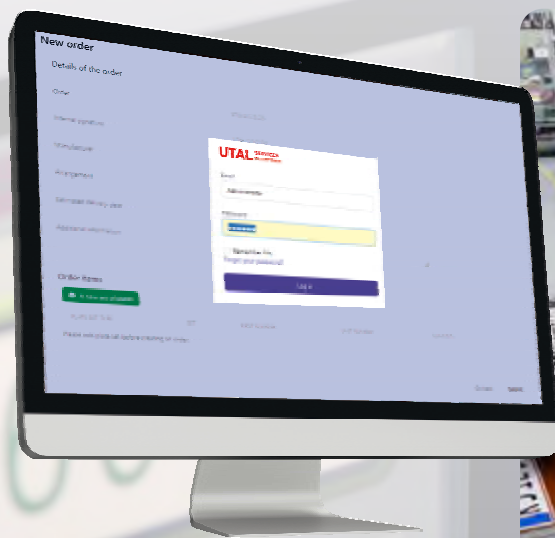
ProPlate

- EMBEDDED PRODUCTION MANAGEMENT SYSTEM

ProPlate is UTAL's proprietary, **machine-integrated production IT system**, providing secure, automated, and order-driven control of personalization and production processes.

Integrated directly with UTAL machines, ProPlate receives orders from USP or customer databases (if integrated), supports both centralized and multi-site production, and enables secure man-

agement of distributed operations via VPN connectivity. Through its web-based interface, authorized users can monitor production, manage orders, and track machine status in real time, ensuring full visibility, control, and operational efficiency.



LICENSE PLATE **FRAMES**

UTAL is one of the largest manufacturers of license plate frames in Europe, producing over **12 million frames** annually and supplying more than **17.000 customers** in domestic and international markets.

License plate frames serve not only as a functional mounting solution, but also as an effective carrier of marketing information, enabling additional customization and brand differentiation.



Our portfolio includes standard black frames in various sizes, as well as fully customized frames with:

- full-color prints,
- 3D and 4D effects,
- metallized finishes,
- hot stamping foil colouring,
- doming labels.

Advertising graphics and images are applied using screen printing and UV technology, as well as digital printing, ensuring high visual quality, long-term durability and environmentally responsible production processes.



B2B SHOPPING PLATFORM

Our B2B platform gives business partners fast, convenient access to frame ordering, order tracking and billing information - all in one secure system. Contact us to get started.



Check:





**UTAL. Integrated solutions
for secure vehicle registration.**



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