UTAL LICENSE PLATE SOLUTIONS

EXPERIENCE. EXPERTISE. RELIABILITY

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UTAL is the global leader in the **production of license plates** as well as **solutions related to their production and distribution.** UTAL operates globally and provides comprehensive systems for the production, personalisation, registration and identification of vehicle license plates. Our state of the art, **innovative** and **environmentally friendly solutions** are tailored to every customer and country needs. At present, UTAL supplies to more than 70 countries and in a number of markets UTAL is the preferred or exclusive supplier.

UTAL **complies with strict international requirements** and several ISO standards, such as ISO 9001:2015, ISO 14001:2015, ISO 27001:2013. The machines made by UTAL meet the requirements of EU directives and are CE marked. On domestic and international arena UTAL has been awarded for innovation, high quality and reliability.

The success of UTAL on global market hinges on several aspects. Customer centric approach, innovation, consistent quality and what comes on top: our knowledge and experience.

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

UTAL is one of the largest exporters of license plates worldwide.

UTAL was established in 1991, primarily as a license plates manufacturer for the Polish market. Over the years, the company grew its operation into global markets and today not only produces **number plates** but also provides **equipment for their production**. The establishment of our own **R&D** department was a turning point for UTAL.

Ever since, UTAL has been building its global reputation based on **state of the art engineering solutions** and expertise in preventing the counterfeiting and illegal production of license plates. Over the years, the company has grown into a modern, independent company that produces plates, but also supplies global markets with equipment for number plates production.

The use of **innovative and eco-friendly technologies** in our production processes is our priority. We promote ecological awareness among employees and business partners, inspiring them to take similar actions to protect the environment. We are aware that every step towards eliminating pollution into the environment contributes to building a better tomorrow for our planet and future generations. **Ecology is part of our business philosophy!**

Since 2001, all machines required for license plates manufacturing have been produced in-house. Consequently, UTAL is able to offer **tailor-made** and **complex solutions to every customer.**

All in one stop shop – starting from the concept and design stage, through machine construction and customization, ending with ready to use license plates.
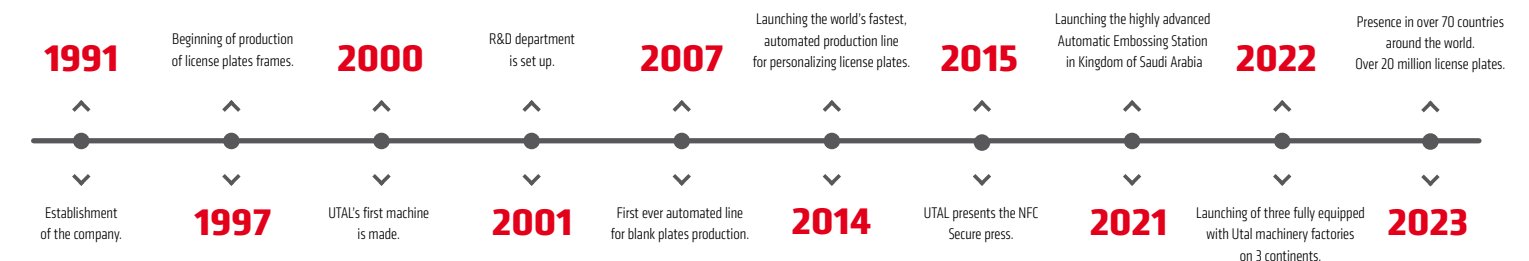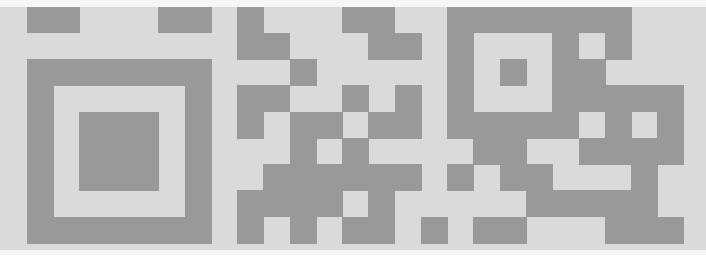

OUR HISTORY

Our journey is marked with historical milestones and a variety of achievements: from one of many local producers, to a business leader with global reach.

Year		Year		Year		Year		Year		Year
1991 Beginning of production of license plates frames.		**2000** R&D department is set up.		**2007** Launching the world's fastest, automated production line for personalizing license plates.		**2015** Launching the highly advanced Automatic Embossing Station in Kingdom of Saudi Arabia		**2022** Presence in over 70 countries around the world. Over 20 million license plates.		
Establishment of the company.	**1997** UTAL's first machine is made.	**2001** First ever automated line for blank plates production.	**2014** UTAL presents the NFC Secure press.	**2021** Launching of three fully equipped with Utal machinery factories on 3 continents.	**2023**					

HIGH SECURITY LICENSE PLATES

UTAL manufactures and supplies all types and kinds of license plates that satisfy specific, local regulations.

We supply blank license plates, personalized (ready to use) license plates, as well as all machines and tools for the production of license plates. For safety reasons, the personalization of license plates often takes place in the country for which the plates are meant and is quite often conducted under the control of government authorities. In any case, UTAL's customers are guaranteed to receive not only high quality products, but also efficient and effective distribution.

SECURITY FEATURES

With more than 30 years of experience, we understand and set new trends on the license plates market. We know how essential the protection of plates against forgery is and offer to our customers an extensive range of innovative security features. Our vehicle license plates with multiple security features have been proven to prevent criminal activity and minimize the fraudulent use of license plates. The combination of several features significantly increases security level.

iPlate

iPlate are high security aluminum license plates with RFID tag, combined with an integrated database and the latest license plates production technologies, allowing identification of vehicles from a distance and protected against forgery. They are also used for traffic management, access control, accessing car owner's or car data during technical inspection, for insurance purposes, etc. We can create specific solutions tailored to the requirements of local authorities.
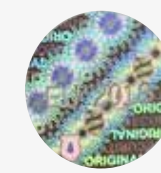
RFID Windscreen Sticker

An alternative or complementary solution to **iPlate** is the RFID Windscreen Sticker. It is label combined with an RFID tag, for remote vehicle authentication. Moreover, the **iPlate** can be combined with the RFID Windscreen Sticker with or without RFID tag and used as a „third license plate" for improved protection level. The RFID Windscreen Sticker self-destructs when removed.

Multicolour graphics
Multicolour graphics are applied onto retro-reflective foil in UV FULL COLOR technology.

Holograms
Customized, weatherproof holograms with a three-level security system. Hologram can be applied on embossed license plates as a stickers or applied using hot stamping technology.

Dedicated HP foils
Hot stamping foil with customized inscriptions in its structure.

QR code / DMC code
Two-dimensional barcode applied on either sides of license plate contains information related to the specific plate.

Security labels
Based on a two-stage QR code, created at various stages of the legalization process and an alphanumeric combination of data according to a specific standard.

Ensure marks
Special laser marks that usually contain the country code or symbol and the coat of arms; only visible at a certain angle.

Laser digraph / Laser trigraph
A laser marking contains a code or an individual symbol visible at an angle, ultimately creating two or three independent images.

RFID
The RFID solution, combined with an integrated database and the latest document production technologies, enables remote tracking and false license plates detection.

Serial numbers
Applied by laser; indelible and unique serial number for each blank plate.

Barcodes
Unique barcode can contain serial number, date of manufacture, batch number, etc.

UV prints
Particular inscription, or logo become visible under UV light only.

Dry stamp
Plate is marked with singular engraved sign on back side.

MACHINES and ROBOTS

When production plates is concerned, UTAL is one stop shop. From the very beginning it is our key objective to be able to design, produce and supply all machines required to produce and personalise license plates everywhere in the world.

Thanks to our own R&D department we are able to offer and produce machines considered best in the marketplace. Thanks to its clients UTAL becomes one of the largest global suppliers of machinery for the production of license plates.

UTAL supplies their customers also with all components and consumables necessary for plates production.

Our logistic systems and rigorously approved suppliers guarantee competitive lead times for any customer need.

INDUSTRY 4.0 - Automated Production Line

UTAL's automated production lines are not just innovative solutions allowing fully automated production, but also reflect on the latest industry 4.0 trend of manufacturing automation and data exchange technologies. The Internet connected lines enable external data exchange and immediate order processing.

They also allow immediate diagnostics, service configuration and robots adjustments. In this way customer experience fastest possible service reaction wherever is located.

All machines are equipped with an intuitive interface operated by colour touch panels. Operator can easily configure and control it.

AUTOMATED PRODUCTION LINE FOR BLANK PLATES

UTAL's production line for blank license plates (plates without embossed numbers) is probably the fastest in the world. It not only produces 80 plates per minute, but is practically maintenance-free.

PRODUCTION ROBOT FOR LICENSE PLATE PERSONALIZATION (ART)

Our fully automated line that embosses and hot-stamps blank plates with a speed of up to 1000 (standard, single row serial numbers) plates per hour can be easily operated by one worker. Innovative design enables processing random combinations of digits and letters. And when connected to external database orders are processed online with no delay.

Top quality is achieved thanks to specialized visual system reads the registration number with an OCR module. Based on the results from the plate's image, relevant elements are extracted and analysed accordingly.

Thanks to Utal's proprietary system of immobilizing stamping dies in the press' table and the intelligent manner of selection and replacement of stamping dies, the machine can produce plates with various combinations of characters.

This way highly efficient and, most importantly, automated serial production of vehicle number plates can be achieved.

MACHINES FOR LICENSE PLATE
PERSONALIZATION

UTAL offers wide range of machines for license plates personalization, including **hydraulic presses** and **hot stamping machines** for single or double row plates. In addition, UTAL offers **shredders** for the disposal of used license plates.

UTAL's hot-stamping machine DS ECO achieves the best energy consumption parameters among similar machines of this type available on the market. The energy-saving technical solutions used in the production of hot-stamping machines are key for electricity consumption lower by up to 30% comparing to other solutions available on the market.

NEW

EMBOSSING PRESS PU 35T-230

HOT-STAMPING MACHINE DS ECO

PLATES SHREDDER ST5-230

NFC Secure embossing press is a unique solution designed by UTAL for the strictest control of license plates personalization process. All production orders are transmitted electronically, while the machine verifies the operator's work to make sure that only correct registration number is embossed. This is possible due to the recognition of clapper dies that makes up required registration number. The press software prevents operator's errors during personalization as it blocks the embossing operation itself. Furthermore, it prevents any unauthorized number plates production.

ADDITIONAL TOOLING AND ACCESSORIES

UTAL provides all kinds of tools and accessories necessary for license plates production. That includes tooling for blank license plates production lines. UTAL produces milled and injected clapper dies, tools for embossing the plate's rim, etc.

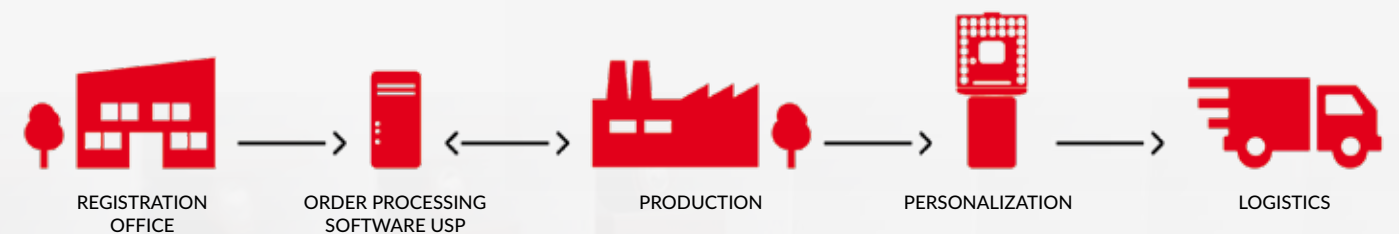Utal provides spare parts and after sales service for all production lines, machines and equipment.

NFC SECURE PLUS PRESS

VEHICLE REGISTRATION SYSTEM

Apart from license plates and machines, UTAL offers data processing system solutions for the registration of vehicles and drivers. We apply solutions for creating, processing and monitoring data. The complexity of the system manifests itself through the integration of elements, such as a computer systems, databases, equipment necessary to collect, process and control data.

DIGITAL ORDERING SYSTEM

REGISTRATION OFFICE → ORDER PROCESSING SOFTWARE USP ← → PRODUCTION → PERSONALIZATION → LOGISTICS

USP

The UTAL SERVICES PLATFORM – USP is a modern software-as-a-service product delivering a centralized order management system for the license plate production. It acts as a user friendly platform helping to connect the plate manufacturers with their recipients (typically state offices of the transportation department).

It consist of a web-accessible interface, an engine and a database. The components stay in UTAL's cloud or in the customer's cloud, so the product implementation has no specific infrastructure requirements apart from a normal internet access for all parts of the process.

The UTAL SERVICES PLATFORM includes a set of necessary tools to ensure electronic data flow between all parties involved in the ordering, production and registration of license plates.

The main functionalities of the software include:
- Managing of the license plates serial numbers (for the state offices)
- Managing of contracts between the participants of the process
- Tracking of the order processing stages
- Storage management for the manufacturers
- Report generation tool

The platform is connected with production machines and its architecture has been designed for seamless integration with the customer's software. The applied programming technology enables software customization to meet the specific needs of any customer.

LICENSE PLATE FRAMES

We are one of the largest manufacturers of license plate frames in Europe. We manufacture over 10,000,000 frames per year which are supplied to over 10,000 customers domestic and abroad.

License plate frames are a very popular, attractive and effective carrier of marketing information. It is also the simplest way to fix number plate in even more individual way.

We offer to our customers not only black frames in various sizes, but also frames with prints and images in full colour, 3D, 4D, metallic, with hot stamping foil and convex labels (doming). Advertising prints and images are applied to the surface using screen printing and UV technology, as well as a unique, digital printing technology ensuring high quality and durability of our products, without the use of environmentally harmful substances.

B2B SHOPPING PLATFORM

The B2B platform enables our regular business partners to quickly and easily place orders for products from the frame category directly in our sales system.

By using the platform, the customer has the option of placing new orders, tracking the status of orders placed, as well as collecting invoices and checking receivables.

To use the platform, you must have a login and password. If you are interested in using this tool please contact us.

UTAL. Innovative solutions tailored to the specific needs.

UTAL SP. Z O.O.

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Find out more: