Personalization Computer-controlled machines











## Smart components for security and efficiency.



## The smart embossing press, offering a variety of options.

The upresslight perfectly combines proven UTSCH embossing technology with the extensive possibilities of a networked workplace.

"Smart" components ensure the optimised and centralised processing of orders, with the simultaneous collection of economic indicators and increased operator safety:

- Compact and space-saving shallow design.
- Simple, intuitive operation of the integrated PC via 15" touch display.
- Password protection when logging in, granting only authorised users access on request, logging in via fingerprint sensor as an additional biometric security element.
- Optional hand scanners for efficient and reliable capturing of complete boxes and individual plates.

## New smart feature: The RFID-based tool recognition.

Integrating RFID-based tool recognition into the UTSCH upresslight for plastic clapper dies and counter embossing tools is a significant step towards enhancing efficiency and precision in license plate personalization.

This smart upgrade brings several benefits to the process:

#### Elimination of Embossing Errors:

With RFID-based tool recognition, the system ensures that the correct tools are always in use. This virtually eliminates embossing errors caused by manual tool selection or tool mix-ups.

#### **Reduced Waste:**

By preventing embossing errors, you reduce the chances of having to discard or rework license plates due to mistakes. This leads to a reduction in waste, which is not only more environmentally friendly but also cost-effective.

#### Improved Workflow:

The RFID technology streamlines the workflow by automating tool recognition and selection. This simplifies the operator's tasks and reduces the likelihood of human errors, making the entire process smoother and more efficient.

#### Lower Costs:

Fewer errors, reduced waste, and a more streamlined workflow result in lower production costs. This is especially important for industries that rely on high-volume, precision-based production, like license plate personalization.

#### **Enhanced Productivity:**

With RFID tool recognition, operators can work more productively as they don't need to manually verify and select the correct tools. This leads to higher output and faster order processing.

#### Data Collection and Analysis:

RFID technology can also provide valuable data for performance monitoring and optimization. You can track tool usage, maintenance needs, and other metrics, which can further improve efficiency and reduce costs.

In summary, this intelligent solution for license plate personalization in the 21st century not only ensures quality and precision but also contributes to cost savings, waste reduction, and improved overall efficiency.

It's a valuable addition for industries that demand high standards in their production processes.





Pressure:	max. 500 kN
Stroke.:	max. 32 mm
Output:	max. 150 - 200 units/hour (dependent on operator)
Dimensions:	length: 1,000 mm, width: 850 mm, height: 1,750 mm
Weight:	450 kg
Working height:	1,000 mm
Voltage**:	min. 16 A, 400 V, 50 Hz, 3 fases
Interfaces:	Ethernet 100 Mbits
Operation:	via 15" touchscreen
Activation of embossing stroke:	via limit switch

\*Subject to alterations serving technical improvements. \*\*Further voltage range on request.

### The perfect partner. Fast and secure networking all round.

Thanks to the **userver**, the **upress**light is perfectly and securely integrated into existing networks or connected to the Internet.

This means that the management has completely new options for user-, order- and production-administration:

- Efficient, paperless and centralised transfer of embossing orders.
- Logging of all orders, including date, time, operator and registration number.
- Capturing of performance indicators for individual branches, workspaces and operators.
- Connection to existing cash systems available.
- Inventory system, available in real time.



Learn more about the **@presslight** on our YouTube-Channel.



#### You want to know more? Contact us:

Erich Utsch AG . Marienhütte 49 . 57080 Siegen . Germany Phone +49 (0) 271 3191-0 . Fax +49 (0) 271 3191-103 . info@utsch.com . www.utsch.com

# Or follow us