

*Modular multi-application
system for laser engraving,
quality inspection and sorting*

Otto Künnecke

► DESKTOP PROCESSING SYSTEM
PRO



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Ideas create solutions

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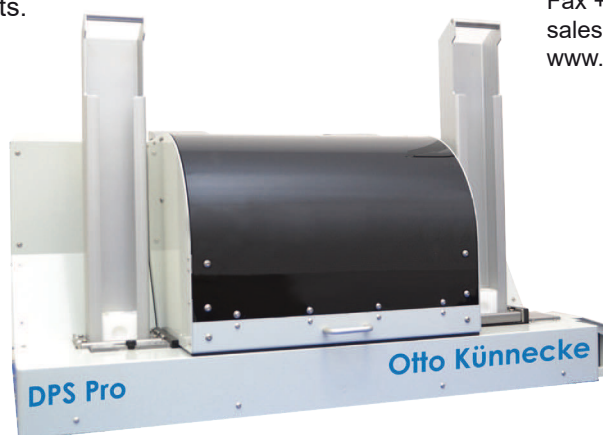
The **DPS - PRO** is a robust and industrial system with a modular design and a fast card channel (up to 3.000 cards/h).

The modularity and the flexibility allow the system to be configured in order to support multiple use cases: encoding, laser personalization, visual inspection, quality control and sorting. The configurations are customized to meet any customer needs.

Custom solution to integrate the necessary features according to specific requirements.

Available options:

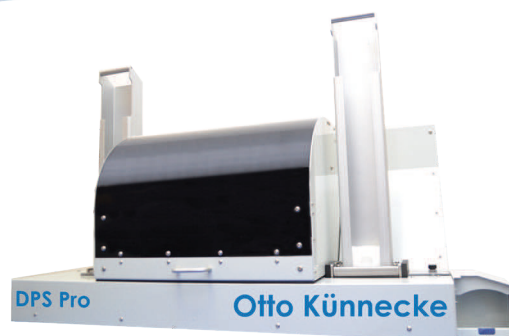
- Multiple Inputs
- Multiple Outputs
- Barcode Reading
- Magnetic Stripe Reading
- Magnetic Stripe Encoding
- Advanced Vision System for Quality Control, OCR, OCV
- Contact Chip Encoding
- Contactless Chip Encoding
- Laser Engraving
- Turning Station



The **DPS – PRO** with a desktop design and with an outstanding speed is the right solution for any need of visual inspection, data integrity verification, laser engraving and sorting.

Key Features:

- Speed: up to 3.000 c/h
- Customization
- Robust 24/7 design
- Removable input and output magazines
- Easy installation without compressed air



The DPS – PRO

is the ultimate multiapplication desktop platform for laser engraving, quality inspection, sorting and custom needs.

General Features

- Cards ISO7810 (PVC, PET, PETG, PC, ABS)
- Card thickness: 0.5 - 0,84 mm (including embossed cards)
- **Speed: up to 3000 cards per hour** (machine cycle speed)
- Input magazines: up to 500 cards
- Output magazine: up to 500 cards
- Reject box
- 3-5 stations for each module to be customized (laser, vision, magnetic stripe, flip/over, reading, encoding or stacker)
- Flip/over station (option)

Modules Size and Weight

- Size (HxWxD): 443x807x412 mm
- Weight: 60 Kg

Laser Personalization

- Laser: DPSS 6 to 40W or fiber laser 20W MOPA, special laser for PVC
- Camera auto-positioning with OCR/OCV. Flip/over.

Visual Inspection

- Cameras and different light sources able to detect: scratches, chip defects, wrong printing colors and featuring OCR and OCV functionalities.

Data Integrity

- Chip and magnetic stripe reading
- OCR reading with camera system
- Verification and audit file creation
- Data integrity (chip, magnetic stripe and graphical personalization)

Branch Sorting

- Multiple input and multiple output
- Sorting based on chip, magnetic stripe, OCR or barcode reading