



# Otto Künnecke

► DESKTOP PROCESSING SYSTEM  
**SMART PASS**



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## ▶ DESKTOP PROCESSING SYSTEM SMART PASS

The **DPS - SMART PASS** is the perfect solution to address specific needs of laser engraving and inkjet printing personalisation for passports.

Different laser sources with different technologies can be installed: DPSS, fibre laser, special sources to mark on special materials.

Different configurations are available depending on the project needs. Multiple DPS Smart Pass systems with automatic booklet feeders can be a viable alternative to a central issuance system; reducing capital investment and providing a backup concept. The DPS Smart Pass combines the dimensions of a desktop machine with the performance of a central issuing machine.

The transport speed is 300 passports/hour. Output speed depends upon the personalisation time. The true plug-n-play modularity allows a scalable approach to personalisation.

### Available modules DPS-SMART Pass:

- Automatic Passport Feeder for up to 50 open booklets
- Option to add further input feeders to load more open booklets
- Contactless Chip Encoding Module
- Laser Module
- Inkjet Printing Module for visa or observation page
- Automatic passport transport
- Vision for auto alignment
- Quality Assurance for visual and electronic data
- Data Integrity (comparison of visual and electronic data)
- Finished Passport Output Box

### Advanced security features are supported such as:

- micro-text, tactile effect, CLI, SLI and MLI.
- Supports proprietary features such as LASink



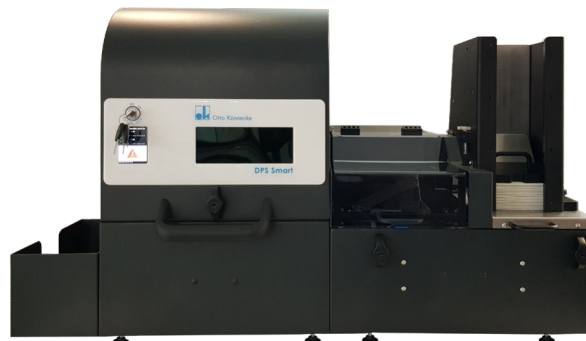
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### General Features

- Supported form factors: TD3
- Standard resolution: 600 dpi
- Laser type: DPSS, fibre
- Passport transport speed: up to 300 p/h
- Power consumption: 0.3 kW
- Power supply: 110/220 V AC

### Material Specifications

- (depends on laser source)
- Polycarbonate
- Laser markable PVC
- PVC (standard PVC)
- PET-G

### Encoding Options

- ISO14443 A/B contactless chip

### Marking Features

- Engraving security features: CLI, SLI, MLI, tactile, micro-text
- Offset alignment
- Truetype fonts: including Cyrillic, Chinese, Arabic, Japanese
- Allows fonts generation

### Options

- Vision system
- MLI module
- Fume extraction system

### DPS Smart Pass

#### Plug-n-Play Modules (\*)

- Automatic Passport input feeder (up to 50 open passports)
    - multiple feeder configuration supported
  - Quality control
  - Finished passport Output Box (up to 10 passports)
- \* TD3 only

### Software

- SDK for Windows OS (Microsoft .NET)
- Interface with couplers (depends on coupler)
- Vision