A desktop solution for Small-Scale Passport Personalization

The SPa20 is a manual passport desktop personalization machine designed specifically to support governmental production at small scale.

The **SPa20** addresses use cases where limited volumes or decentralized production are required.

Each passport is manually loaded using a dedicated cassette and printed on polycarbonate data page, featuring 20W greyscale laser engraving and contactless passport encoding, an ideal fit for government and national ID projects.

Dimensions (mm)= L 656 * W 540 * H 446
Weight (kg) = 39

ABLE TO PERSONALIZE PASSPORT POLYCARBONATE PAGES, AND ALL OTHER SUBSTRATES

The cassette concept has been designed for maximum flexibility. While the SPa20 is primarily intended for passport personalization, the cassette system allows adaptation to different formats, including cards or other secure substrates.

Printing on plastic polycarbonate passport page

Printing on cards

SOFTWARE

The **SPa20** runs with **STS EVOLMASTER® SUITE** Software, to manage production (production set ups, mechanisms monitoring), and to generate its own machine cycle

STS SDK

STS SDK and documentation will be supplied if customer wants to run the machine using his own software interface

ARCHITECTURE OVERVIEW

LASER 20W

VISION

CASSETTE FEEDING SYSTEM

CONTACTLESS ENCODING

MLI CLI

EVOLMASTER SUITE® SOFTWARE

About **S**mart **T**echnology **S**ervices **(STS)**

STS delivers advanced card production and personalization solutions to manufacturers worldwide. Recognized for its expertise in laser technology, the company designs high-precision desktop personalization machines tailored for secure card engraving and small to medium production environments.