

Testing of the Device

FAT TESTS OF THE DEVICE FOR HOT STAMPING, EMBOSSING AND DIE-CUTTING

The Client will evaluate the level of adequate quality and stability of hologram application, embossing and die-cutting in accordance with the requirements of the technical specification.

I. Tested material:

3,000-4,000 sheets will be printed as part of the tests;
2 - 3 types of printed material in the range of 0.80 g/m² - 300 g/m²
3 paper formats in the range of 297x210 - 870x600 mm
embossing foil webs, positioned hologram foil webs - supplied by the Client
stamps for embossing - supplied by the Client

II. Verification of functional elements of paper passage through the machine

- function verification - Feeder, Delivery
- function verification - Double sheet control
- verification of function and settings – Front / Side lays and Photosensors
- verification of smooth production run of the machine, printing 1000 sheets at speed 5500 sph.

III. Verification of the function of the unwinders, rewinders, control sensors of registered and continuous hologram and gold foils

- 5x holographic film unwinder in the sheet travel direction, core 1"
- 5x holographic foil unwinders in the sheet travel direction, core 3"
- 5x mechanism for fine lateral adjustment of the unwinders
- 5x setting sensors for controlling the registered hologram
- function of unwinding a gold foil 600 mm wide in the sheet travel direction = alignment of unwinding and rewinding
- function 3x unwinder of holographic foil in the transverse direction, core 1"
- function of 3x holographic film unwinders in the transverse direction, core 3"
- function of unwinding a wide gold foil of width 485 in the transverse direction = alignment of unwinding and rewinding

IV. Verification of the function of the press mechanism

- flatness of the mold and pressure plate
- setting / tolerance of temperatures in individual zones
- pressure setting and pressure delay

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V. Acceptance / Check of the condition, quality, number of additional materials ordered with the delivery of the machine

- stamping plates
- clamps
- unwinders
- etc.