

SPOTMATIC 54

DIGITAL SPOT UV COATING MACHINE

KOMFI®



DESIGNED FOR UV SPOT VARNISHING USING THE INKJET PRINTING TECHNOLOGY

- Robust and durable design
- Fast and easy processing of job with minimum preparation time
- User friendly operation via integrated PC
- Designed with respect to easy and comfortable maintenance
- Built-in help and self-diagnostics
- Machine design developed with respect to easy and comfortable maintenance

- Reliable sheet feeding using Komfi-design feeding head
- Registration is achieved "on the fly" (without stopping the sheet) using I2IR technology
- Variable data printing available
- Possibility of printing while the belt is moving forwards and backwards saves working time
- High layer thickness is achieved through multi-pass printing prior to curing

DESIGNED AND MANUFACTURED IN THE CZECH REPUBLIC



54×100 cm



24 m/min



HEAD



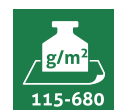
SPOT
INKJET



PC



DIGITAL
& OFFSET



g/m²
1.15-680



3 × 400V



6 bar
40 l/min

S P O T M A T I C

TECHNICAL DESCRIPTION

Spotmatic 54 is a UV inkjet varnishing machine suitable for creating glossy spots on matt laminated sheets and various varnish effects, not only on matt, but also glossy laminate. The resulting layers are achieved through multi-pass printing prior to curing.

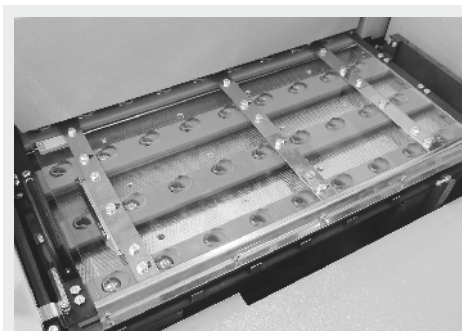
Registration is achieved "on the fly", i. e. without stopping the sheet, using I2IR technology (Image to Image Registration), which involves registration of the print onto a printed sheet without print data deformation. Eventual registration corrections are achieved through adjustment and movement of the position of the ink-jet heads.

A ball feeder is part of the registration system, whose function is only to bring the sheet to its initial position for camera reading of the registration mark.

The machine prints using 8 inkjet heads with a native resolution of 360 dpi. Thickness of the applied layer is determined by the given resolution as well as the print data. The resolution is variable in the belt movement direction and can be set using buttons with 4 pre-sets (3 pre-set values + 1 arbitrary value).

Resulting layers are achieved through multi-pass printing prior to curing, performed by patented vacuum belt moving backwards and forwards under the inkjet heads.

The possibility of printing in both directions of belt's movement allows great saving of time.



DETAIL OF FEEDING SECTION

BASIC CONFIGURATION

- Automatic feeder with fixed lifting table
- Single action Komfi feeding head
- User selectable sheet registration guide
- Sheet registration by system of sensors
- 8 inkjet printing heads
- Fixed delivery desk

OPTIONS

- Automatic stacker

CUSTOM-BUILT SOLUTIONS

- Possibility of individual machine modification based on specific requirements

TECHNICAL PARAMETERS

Maximum speed of varnishing:	24 m/min (2400 sheets/h)
Maximum sheet dimensions:	54 × 100 cm (21.2 × 39.4")
Minimum sheet dimensions:	30 × 24 cm
Paper weight:	115-680 g/m ²
Varnish type:	UV varnish
Registration:	Optical I2IR
Resolution:	360 × 360 dpi
Sprayed varnish quantity (single pass):	4,5 - 18 g/m ²
Machine dimensions including delivery desk (L × W × H):	470 × 142 × 170 cm
Air supply:	6 bar
Air consumption at stable run:	40 l/min

The technical parameters may change without prior notice. Find more details about the product and its technical parameters on www.komfilaminators.com.



WEB PAGE



VIDEO