

## DG104 HGH-SPEED SPOT UV COATING MACHINE



A new generation spot lustering machine, DG104 meets client and market demand and adapts to lustering for long and short forme; snap-in paper feed is suitable for lustering for thick and thin sheet; which can be used for local glazing as well as full glazing. creative model design and highly automatically electrical design allow the machine to stand up to running up, which will bring high efficiency and profit for enterprises in coordination with high speed printer.

### ▪ Products Characteristic

1. Stable and reliable sheet feeding by using automatic high-speed sheet feeding machine.
2. Reasonable combination of well-designed front guide, pulling guide and swing-down sheet transfer mechanism.
3. Swing-down sheet transfer mechanism can shake foreign materials out on the surface of printed matter to allow the luster surface bight and smooth.
4. Swing control of sheet transfer with conjugate cam reduces vibration noise and makes working environment silent.
5. Fold diameter impression cylinder reduces press effect caused by surface tension of the lustering oil, decreases orange peel, improves brightness of the printed matters and suits for lustering for thick and thin paperboard and sheet.
6. Reticulate pattern roller oil supply with high accuracy makes lustering oil uniformly distributed and can control oil mass effectively.
7. Quick exchange device of anilox roller, quickly exchange anilox roller with different lines as different glazing requirements.
8. Low noise guide rail for sheet collection allows the sheet is collected smoothly. Simple non-stop delivery unit increases efficient printing time.
9. An imported UV dry system is used to dry the printed matters completely, and an energy-saving dim-out setting is available to save operating cost.
10. Cylinder gears are made of high strength alloy, with robust structure and stable accuracy.
11. Steady frame and base ensure a long time fast running without vibration.

## Function Explain

### 1. PLC-HMI Control System:

The product can monitor operating and fault status of a machine clearly by using PLC and HMI control technology, which makes the operation for the machine more visible and humanized.

### 2. Reticulate Pattern Roller, Scraper Type Oil Supply System:

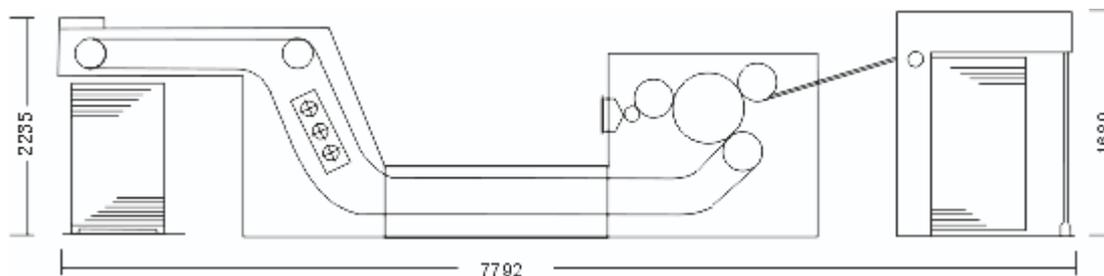
Supply UV lustering oil smoothly to ensure a uniform gloss on the lustering layer of the long for me printed matters and achieve optional lustering effect with minimum lustering oil. Quality of lustering oil for maintenance in sealed oil supply system is stable and is not subject to oxidization.

small size, simple structure, and easy to regulate and operate, etc

3.Sp1040 Single  
Sheet Feeding  
Machine:

Sheet feeding head uses a new type mechanism with typical combination of machinery, electricity and pneumatic in the world, and with advantages of reasonable design, beautiful appearance,

## Elements Picture



## Technical Variables

Model	DG104
Max. sheet size	720×1040mm
Min. sheet size	340×406mm
Max. coating area	710×1020mm
Paper thickness	80-450g/m <sup>2</sup>
Machine speed	9000 sheet/hour
Total weight	10500kg
Total power	57.7kw
Dimension	7792×2983×2235mm