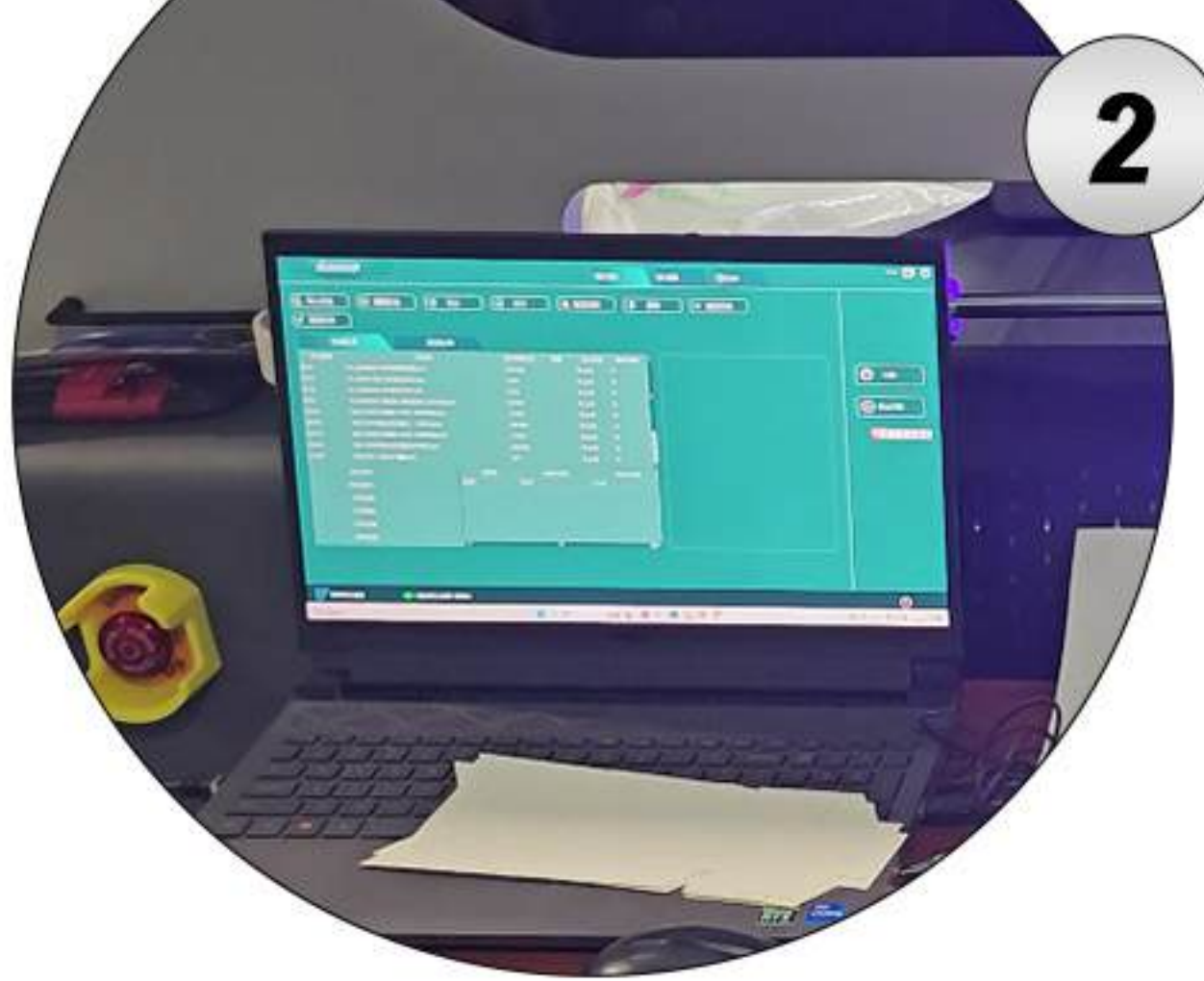




The use of advanced digital single-pass printing technology is a revolutionary technological innovation and breakthrough in the metal packaging printing industry.



Single pass digital printing eliminates the complex preparation work of traditional metal packaging printing. There is plateless printing only need to import the file to start printing, saving costs while taking into account speed.

Sunthinks single-pass metal packaging printing solutions are centered around automatic control and utilize a four-in-one integrated design encompassing feeding, printing, curing, and stacking. This creates a complete assembly-line operation system that effectively reduces process transition time and optimizes production rhythm.



The printed products printed by the digital single-pass metal packaging printing machine have strong color fastness, scratch resistance, and excellent tensile ductility. Not only can they perfectly pass the subsequent canning processes such as bending and stamping, but they also have bright colors, bright luster, and excellent corrosion and rust resistance.

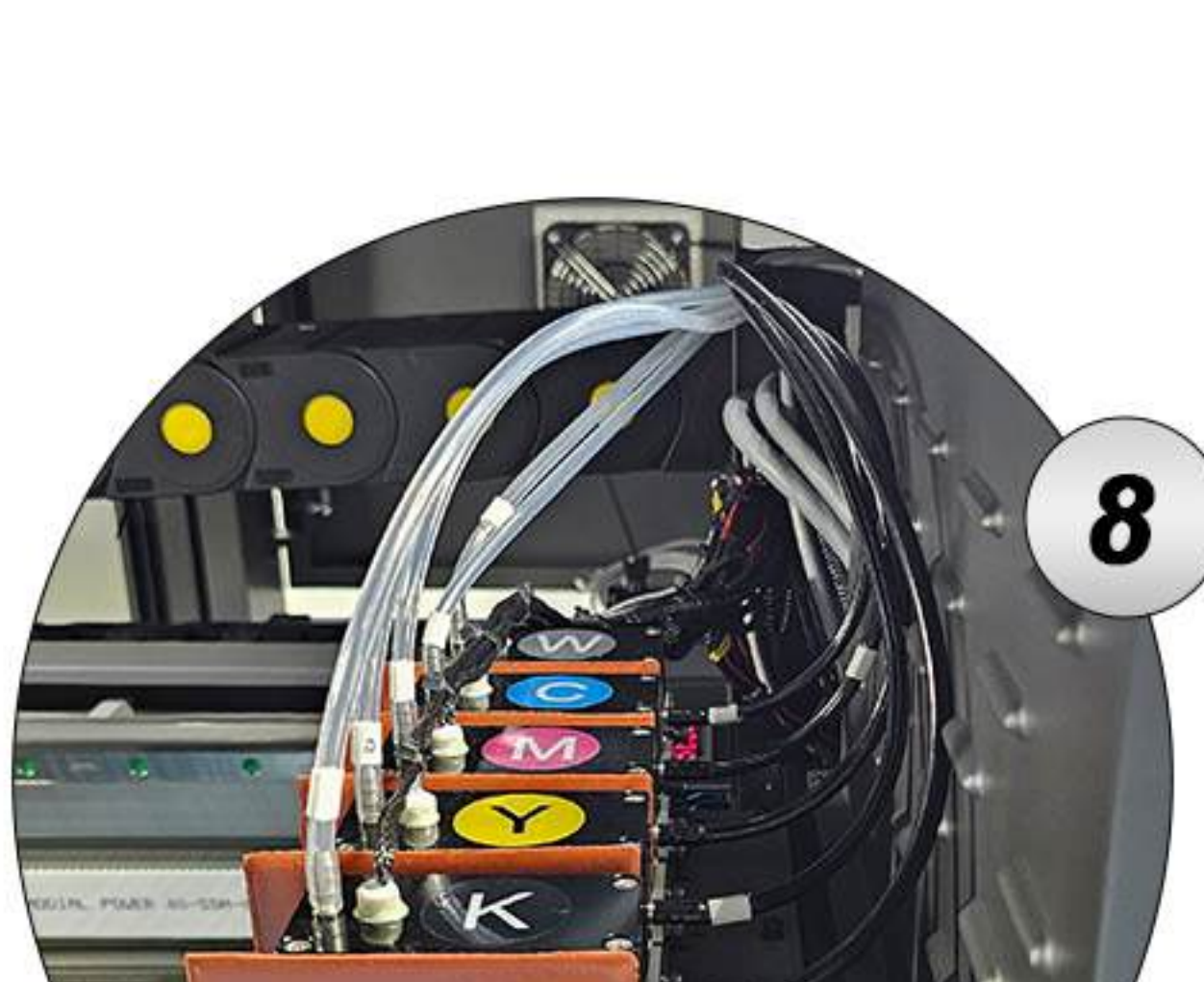
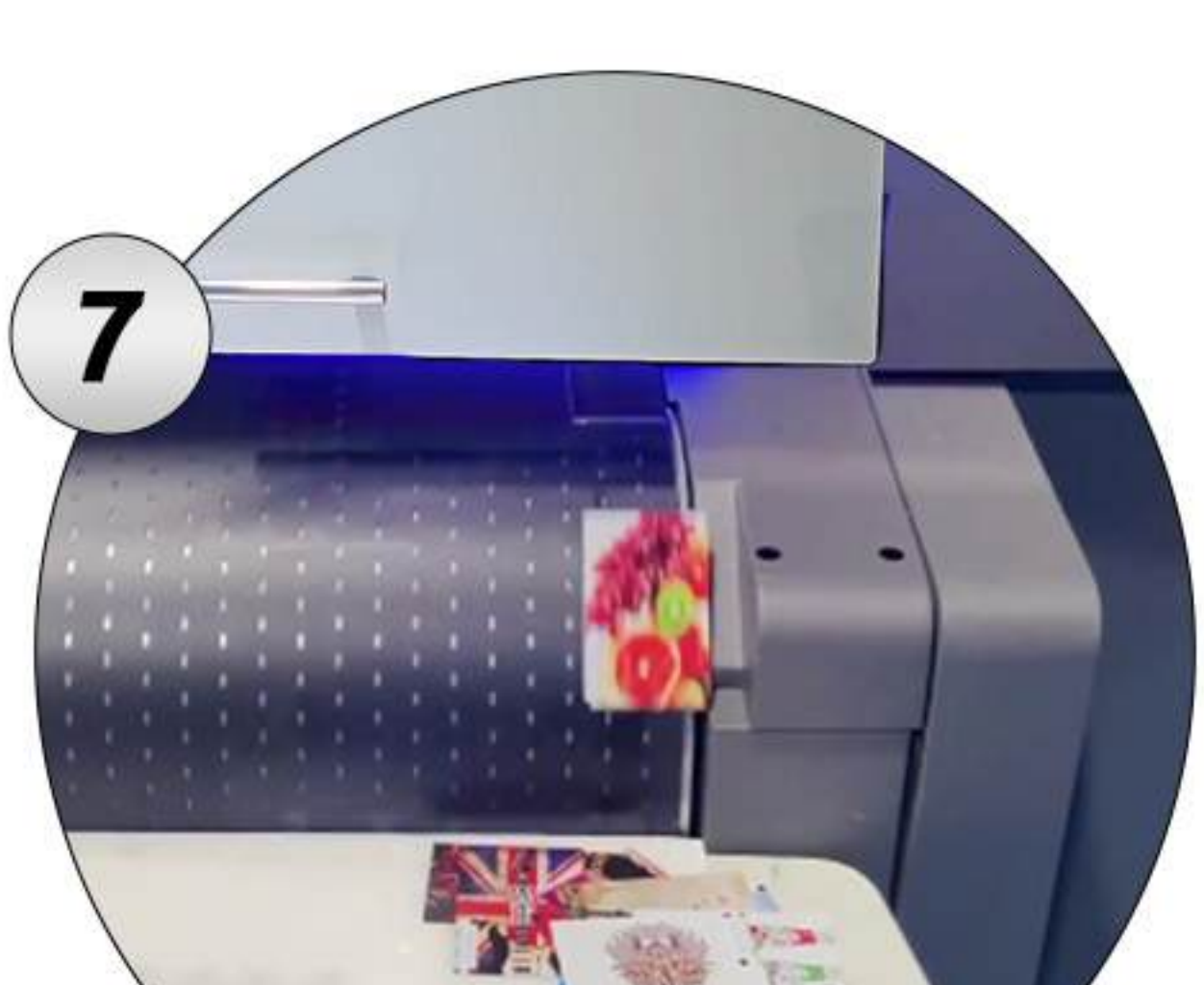


Variable data printing (VDP), anti-counterfeiting codes, traceability codes, information codes and other personalized customized printing can enhance added value, achieve "one print, one difference" and solve the problem of batch homogeneity.



Multi-task continuous printing system + automatic counting function, after the printing quantity of the previous task is completed, the printing file will be automatically changed without pausing.

It is friendly to small-batch orders, making up for the shortcomings of traditional metal printing—such as "small orders being uneconomical and high production change costs"—and expanding the space for customized business.



It adopts CMYK 4-color or CMYK+W 5-color printing, and decides on its own whether white printing is needed based on the color of the metal or the coating on the metal surface.

It is simple to operate and has a low professional threshold. Even novices with zero prior experience can take up the job immediately after short-term training.



Equipped with a user-friendly and easy-to-use advanced color management engine and color processing tools, it also offers customizable print color settings and ICC profiles compatible with various media and printing modes, while supporting the use of third-party RIP software.

It has a wide range of applications, and its printed products can be used for packaging in various industries. These industries include food, beverage, skincare, healthcare, stationery, gifts, pet products, chemical engineering, aerosol products, and more. Specific use cases cover a variety of metal packaging applications such as biscuit tins, cola cans, pet food cans, stationery boxes, moisturizing spray cans, and portable oxygen cans etc.



Main Printing Parameters

 Max printing width of 856mm	 Max printing speed of 70 sheets/min
 Max feeding width of 1160mm	 Max printing height of 80mm
 Max printing resolution of 1200dpi*1200dpi	 Special ink for metal materials printing

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