ADVANTAGES OF LASER CUTTING SELF-ADHESIVE LABELS

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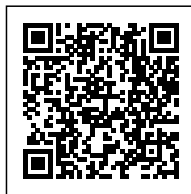

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Self-adhesive, also known as self-adhesive or sticky notes, is a composite material with paper, film or special materials as the fabric, adhesive on the back, and silicon protective paper as the backing paper. These include price tags, product description labels, anti-counterfeiting labels, barcode labels, marking labels, postal parcels, letter packaging, shipping goods labels… Now more and more life and work scenes use self-adhesive. Laser cutting self-adhesive lies in its flexible, high-speed, and flexible special-shaped cutting capabilities.

There are many materials for making self-adhesive stickers, such as transparent stickers, kraft paper, plain paper, coated paper, etc. Customers can choose flexibly according to different uses and dosages, and laser die cutting machines need to complete the cutting of various self-adhesive materials. It replaces the traditional die cutting method and has become a new bright spot in the self-adhesive processing market in recent years.

Processing advantages of laser die cutting machine:

High precision: The laser die cutting machine is a fully automatic laser cutting machine with no vibration deviation, high precision and good stability. There is no need to make a die, and the computer directly controls the laser cutting, which is not limited by the complexity of the graphics, and can meet the cutting requirements that cannot be fulfilled by traditional dies;

Since the laser die-cutting technology is directly controlled by the computer, there is no need to replace the cutting die, and it can realize fast switching between different versions of the job, saving the replacement and adjustment time of the traditional die-cutting die, especially suitable for short and personalized dies. cut processing. The utility model has non-contact, short production cycle and high production efficiency;

Easy to use and high security: the cutting graphics design can be completed on the computer, and various graphic parameter settings are automatically generated based on the software. Therefore, the laser die cutting machine is easy to learn and use, and has low requirements for the operator's skills. The equipment has a high degree of automation, which reduces the labor intensity of the operator. At the same time, the operator does not need to directly operate the job during cutting, which is safe;

Repetitive processing: Since the laser die-cutting machine can store the cutting program compiled by the computer, during repetitive processing, only need to adjust the corresponding program to

carry out cutting;

Rapid proofing: Since the laser die-cutting machine is controlled by a computer, it can realize low-cost, fast die-cutting proofing;

The cost of laser die-cutting technology mainly includes the cost of die-cutting equipment and the cost of using the equipment. Compared with traditional die cutting, the cost of laser die cutting technology is very low. The maintenance rate of the laser die cutting machine is extremely low, and the service life of the key component laser tube exceeds 20,000 hours. In addition to electricity, there are no consumables and auxiliary equipment, and various uncontrollable consumption.

Self-adhesive label cutting solution:

From the early manual cutting, knife die cutting, to the use of more advanced laser die cutting machine cutting, it is not only the progress of cutting methods, but also the change of market demand for self-adhesive. As an important decorative element of commodities, self-adhesives take on more brand promotion functions in the wave of consumption upgrades, and more personalized patterns, shapes, and characters need to be customized. Laser cutting stickers combine design beauty with commercial appeal.