

ELECTRONIC PAPER LASER CUTTING MACHINE

Posted on 2023-06-26 by redsail



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Tags: [E-paper laser cutting machine](#), [Electronic paper laser cutting machine](#)



Electronic paper, also known as digital paper, electronic paper is electronic ink coated on a layer of plastic film, can be affixed to the thin film transistor (TFT/PET/FPC and other materials) circuit, through the driver IC control, the formation of pixel graphics of a kind of display, is a kind of paper-like electronic display, similar to a thin sheet, with paper thin, soft, erasable and other characteristics. It is the product of technological progress, commonly used in mobile communication display, such as PAD display, mobile phone screen, etc. In the past two years, with the development and improvement of technology, electronic paper gradually applied to various areas of life, such as bus stops on the electronic paper screen; electronic paper shelf labels; electronic paper conference table signs, electronic paper badge labels, etc. The application of electronic paper has long been very popular.

So, how is it cut in the production process of electronic paper? The cutting of electronic paper is mainly focused on the cutting of the front panel (FPL) and the waterproof film (PS) film. Most manufacturers use laser cutters to cut e-paper, i.e. e-paper laser cutters.

The e-paper laser cutting machine is a high precision cutting machine developed specifically for the electronics industry. Optical materials, thin film materials and non-metallic electronic parts can be used in the electronics industry with high cutting accuracy and are widely used in the production of e-paper. The e-paper laser cutting machine has high precision energy control and is suitable for cutting electronic material panels. Small heat affected area, smooth edges, no scorching of edges, no melting of edges, high cutting accuracy and good results. It is the first choice for cutting electronic paper and film materials.