

# FEATURES OF FPC COVER FILM LASER CUTTING MACHINE

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## REDSAIL R6090 LASER ENGRAVING / CUTTING MACHINE

20+ years of production experience,  
we are professional manufacturer with reliable strength

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FPC cover film [laser cutting machine](#) is mainly aimed at FPC, PCB, ceramics and other materials, using high-power ultraviolet lasers to achieve fast and precise cutting and drilling, and has a wide range of applications. Application fields: FPC, PCB, flexible and rigid board cutting, fingerprint chip module cutting, soft ceramic cutting, cover film window opening.

FPC cover film laser cutting process mainly uses laser to cut PI cover film, which not only has high cutting precision, but also saves high mold costs, high product pass rate, can greatly reduce production costs and improve product quality.

FPC cover film laser cutting machine has the following characteristics:

1. Using the world's advanced lasers and core components, the beam quality is good, the positioning is accurate, and the power stability is high;
2. Years of process tuning and optimization, focus spot quality, good cutting effect and high efficiency;
3. Stable walking and energy control make the heat-affected zone on the edge of the product cut out by the machine smaller, smoother and more consistent.
4. Equipped with optical marble platform, high-speed and high-precision linear motor and negative pressure adsorption system, the equipment has precise positioning, high processing stability, better roundness and corner effect;
5. It is divided into two different models: manual loading and unloading and automatic loading and unloading, which can be customized according to customer needs.