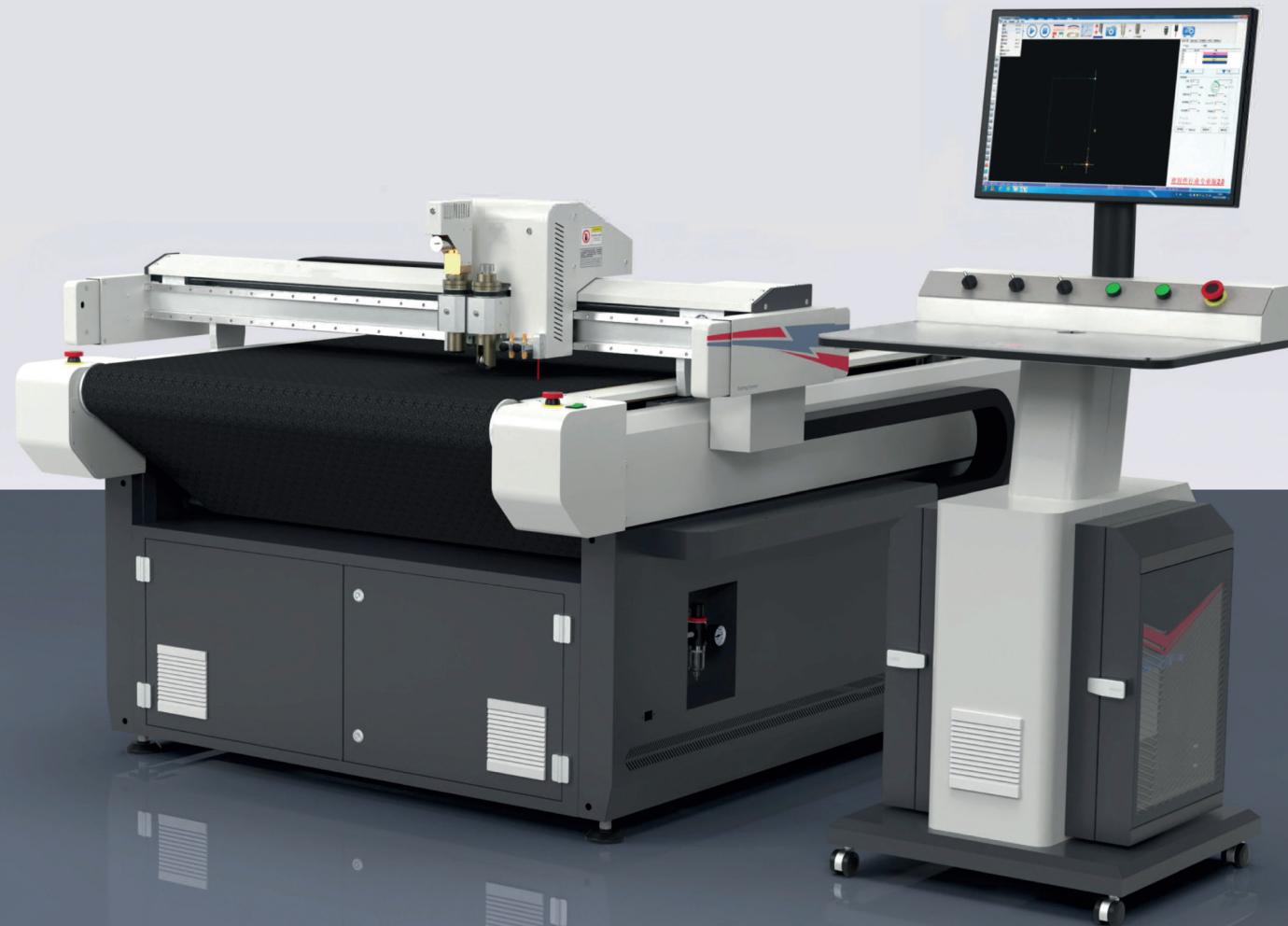


SF 1310



Digital die cutter model SF is a great fantastic larger proofing machine suitable for graphic labels and packaging industry. It has many advantages such as "one-click" operation, wide application range and high return on investment. With its small footprint, the processing area of the machine is 1000*1300mm and the maximum processing thickness can reach 10mm. The machine is equipped with conveyor feeding system, automatic suckers and optional foldable automatic lifting material device. Integrated multi-function cutting head is equipped with two pieces of plotting kiss-cut tool holder and two pieces of quick-change universal tool holder, which can be installed electric oscillating tool(EOT), drag tool, kiss-cut tool, creasing tool, V-cut cutting tool, perforation tool and other cutting tools. It makes not only the application range much wider, but also much more of the materials variety and the processing artwork. It is a perfect helper in printing advertising and packaging industry!



cutting software supports the following file formats:





1 Optional tool units as following



Ultra-frequency electric oscillating tool Non-oscillating tool Creasing tool Kiss-cut Tool V-Cut tool Perforation tool head

2 Application industry



Advertising printing industry Packaging industry Wedding gift industry Other industries

Main technical parameters

Overall dimension	2200×1710×1250mm	Drive system	Full servo, linear guide rail, synchronous belt
Work area	1000×1300mm	Number of motor	6
Work platform	Aluminum alloy honeycomb table and conveying carpet	Format of supported files	AI, EPS, DXF, PLT, PDF, JPG, TIF, TPS
Max material processing height	≤10mm (Depending on different material)	Equipment power	5.0Kw
Beam height	60mm	Capacity	220V 60Hz/50Hz
Material fixation method	Vacuum adsorption	Net Weight	660Kg
Max processing speed	72M/Min.	Applications	Apply to advertising, printing, marriage present and other industries, can cut KT board, corrugated board, cardboard, PP, sticker, vinyl, reflecting material, composite material and any other kinds of flexible materials of thickness within 10mm, depending on hardness of material.
Positioning method	CCD camera, Red light		
Repeatable cutting accuracy	±0.1mm		

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1. Cutting head

The cutting head is equipped with 2pcs of universal tool holder and 2pcs of plotting kiss-cut tool holder that can install electric oscillating tool(EOT), drag tool, creasing tool, V-cut tool, following kiss-cut tool, perforation tool and 2pcs of plotting kiss-cut tool, etc. to meet the users' requirements for different materials and different processing at work.

All tools' up and down movement of the SF series of digital die cutter is controlled by servo motor, which greatly improves the efficiency of processing, the precision of cutting depth and the ease of operation.

2pcs of standard configured plotting kiss-cut tool can full cut or kiss-cut filmy and soft materials such as sticker, vinyl and cardboard by adjusting to different cutting depth with high precision and high speed. The cutting effect of fine graphics and text is pretty good.

The positioning system is equipped with LED lighting device with adjustable illumination brightness to ensure that the HD CCD camera can accurately capture registration marks on material under insufficient light and achieve high-precision cutting for the work pieces. For cutting the reflective material, the LED illumination brightness can be adjusted to ensure that the CCD camera can effectively capture the registration marks.

2. Foldable Automatic Lifting Device

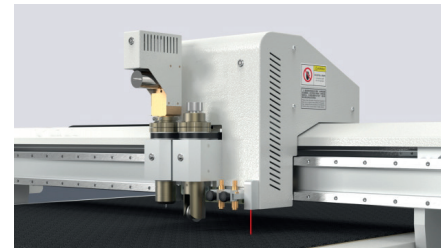
The foldable automatic lifting device can be an optional part as the users' request. After loading the material on material lifting table and click the "table reset" key to move the tabletop to the red light-sensing position. The material separating device separates the material by blowing air, and then takes a sheet to the processing table for processing through the suspended strong sucker effectively preventing the phenomenon of taking materials and falling off during the feeding process.

3. Cutting table

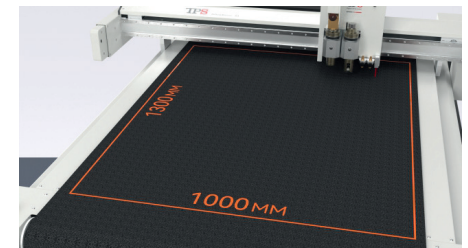
It adopts aviation aluminum vacuum table with strong adsorption to ensure high precision cutting. The effective cutting range can be up to 1000x1300mm on cutting table. Tracked conveyor felt with good air permeability can automatically send processed materials to the finished collection holder.

4. Files Import

The CCD camera can capture the QR code printed on the cut material and import the cut file to the SF self-developed cutting software for continuous cutting.



Cutting head



Cutting table



Foldable Automatic Lifting Device



Files import