



Richpeace[®]

3-in-1 Cutting Machine

ONE Cutting Machine

THREE functions

Cutting/Inkjet printing/Pen drawing

Working type:

1. Inkjet printing + round knife / straight knife / vibrating blade.
2. Pen drawing + round knife / straight knife / vibrating blade.
3. Inkjet printing / Pen drawing / round knife / straight knife / vibrating blade.

Standard configuration:

Round knife + Inkjet printing + Pen drawing + ordinary feeding device

Optional devices:

1. Vibrating blade/straight knife (Only one type of knife is available when inkjet printing or pen drawing at work)
2. Constant tension automatic feeding device (suitable for heavy fabric roll, automatic alignment by laser)
3. Air pump



Applicable materials

Knitting fabric, Down jacket fabric, woven fabric, leather, non-woven fabric, sponge, kraft paper, corrugated paper, KT board, rubber, etc.

Applications

Cutting and plotting for flexible materials of garment, shoes & cap, bag, home textile, furniture, home furnishing, car, vessel and aviation industries.



Cutting device

[Round knife]



Suitable for single-layer thin soft fabric (3mm max. thickness) Eg: knitting/woven fabric, non-woven fabric, cotton linen, blended fabric, fusible interlining, etc.

[Vibrating blade]



Applied to cutting multiple-layer breathable fabric Eg: knitting/woven fabric, non-woven fabric, cotton linen, blended fabric, etc. (compressed thickness 8mm max.);Or single-layer materials like leather, felt, rubber, etc.

[Straight knife]



Paper cutting (4mm max. thickness) kraft paper, lining paper, paperboard, KT board, single-layer leather, etc.

Richpeace Group Enterprise Limited

Head Office: Room 503, 5/F, Midas Plaza, 1 Tai Yau Street, San Po Kong, Kowloon, Hong Kong

Tianjin Richpeace Computer & Machinery Co., Ltd.

Factory: No.6 Baozhong Road, Baodi Economic Development Zone, Tianjin City, 301800 China

Tel: +86-22-22533456 Fax: +86-22-22530075

Email: sales@richpeace.com www.richpeace.com



Youtube



Facebook

Machine parameters

| Function | Model | RP-TM1518S-MJ,MF,KC,RK,VK | RP-TM1216S-MJ,MF,KC,RK,VK |
|-----------------------|-------|--|---|
| Cutting area≤ | | 1500*1800 mm | 1200*1600 mm |
| Cutting method | | Round knife, vibrating blade(option), straight knife(option) | Cutting speed 1000mm/s |
| Cutting thickness≤ | | Round knife: 3 mm; vibrating blade: 8 mm; straight knife: 4 mm | Material fixing method Vacuum adsorption |
| Vibrating blade speed | | 18000 rpm | Control system Imported servo motor driving |
| Plotting method | | HP45 2-cartridge + pen drawing | Data transmission interface Standard USB interface |
| Type of pen | | Gel pen, ball pen, mark pen | Machine power 5 KW |
| Mechanical precision | | 0.02 mm | Voltage 3-P AC380V+/-10% |
| Data format | | HPGL/PLT | Temperature 0 C-40 C |

Remark: The working environment shall keep away from interference of high-intensity magnetic field or electric field.

Cutting methods and parameters of different materials

| Fabrics | Pictures | Cutting devices | Lamina-tion | Perforating paper | Max. compress-ed thickness | Optimum cutting speed |
|--|---|----------------------------------|-------------|-------------------|----------------------------|-----------------------|
| Woven fabric (cotton, blended fabric) |  | Round knife (Single-layer) | No | No | 3mm | 200mm/s~ 400mm/s |
| | | Vibrating blade (Multiple-layer) | Yes | Yes | 8mm | |
| Knitting fabric (Nylon, lycra) |  | Round knife (Single-layer) | No | Yes | 3mm | 200mm/s~ 400mm/s |
| Sponge + leather |  | Round knife (Single-layer) | Yes | No | 3mm | 200mm/s~ 600mm/s |
| | | Vibrating blade (Multiple-layer) | | Yes | 8mm | |
| Leather |  | Straight knife (Single-layer) | No | No | 4mm | 200mm/s~ 800mm/s |
| | | Vibrating blade (Multiple-layer) | | | 8mm | |
| Interlaced cotton |  | Round knife (Single-layer) | No | No | 3mm | 200mm/s~ 400mm/s |
| | | Vibrating blade (Multiple-layer) | Yes | Yes | 8mm | |
| Non-woven fabric |  | Round knife (Single-layer) | No | No | 3mm | 200mm/s~ 600mm/s |
| | | Vibrating blade (Multiple-layer) | Yes | Yes | 8mm | |
| Eyelet fabric |  | Round knife (Single-layer) | Yes | No | 3mm | 200mm/s~ 400mm/s |
| Rubber |  | Vibrating blade (Single-layer) | No | No | 8mm | 200mm/s~ 400mm/s |
| Corrugated paper |  | Vibrating blade (Single-layer) | No | No | 8mm | 200mm/s~ 600mm/s |
| Felt |  | Vibrating blade (Single-layer) | No | No | 8mm | 200mm/s~ 600mm/s |
| Kraft paper/paperboard |  | Straight knife (Single-layer) | No | No | 4mm | 200mm/s~ 800mm/s |
| KT board |  | Straight knife (Single-layer) | No | No | 2mm | 200mm/s~ 400mm/s |
| | | Vibrating blade (Single-layer) | | | 8mm | |