

WOMEISHENG TECHNOLOGY

沃美生科技

科技成就生活之美

Technology achieves the beauty of life.

www.szwomeisheng.com





COMPANY PROFILE

公司简介

深圳市沃美生科技有限公司成立于2012年，是一家通过欧盟认证和国家高新认证的科技创新型企业。致力于模具制造及小批量加工替代模切提供全套数控设备解决方案，研发生产销售的产品有：振动刀切割机、多功能自动弯刀机、多功能切线机，配套销售激光切割机及手动成型工具和耗材。

我们的机器广泛应用于电子、印刷包装、皮革、鞋类、服装、等领域。我们拥有数十年的机械数控设备研发经验和完善的售后服务体系。

Shenzhen WoMeisheng Technology Co., Ltd., founded in 2012, is a technology - innovative enterprise certified by the EU and recognized as a national high - tech enterprise. It is committed to providing a full set of CNC equipment solutions for mold manufacturing and small - batch processing to replace die - cutting. The products developed, produced and sold include vibration knife cutting machines, multi - functional automatic knife bending machines, multi - functional cutting machines, and supporting laser cutting machines, manual forming tools and consumables are also sold.

Our machines are widely used in electronics, printing and packaging, leather, footwear, clothing and other fields. We have decades of R & D experience in mechanical CNC equipment and a perfect after - sales service system.



2012

公司成立于
Founded in





01

电路控制柜 Circuit control cabinet

控制器为高性能集成电路控制器，以太网传输端口，数据传输灵活稳定，可实现远程升级维护，实现局域网内控制机器及文件调用，可与任何普通电脑或者笔记本连接，无需专业电脑。

The controller is a high-performance integrated circuit controller with an Ethernet transmission port, featuring flexible and stable data transmission. It enables remote upgrading and maintenance, allows controlling machines and calling files within a local area network, and can be connected to any ordinary computer or laptop without the need for a professional computer.

02

安全防护 Safety Protection

安全防撞采用高灵敏红线光栅传感器，反应灵敏，为操作人员及设备安全运行保驾护航。

For safety collision prevention, high-sensitive red-line grating sensors are adopted, which feature sensitive response, safeguarding the safe operation of operators and equipment.

03

研磨齿条齿轮传动 Grinding rack and pinion transmission

采用0间隙研磨级斜齿传动，配合高精度进口导轨，提高高速运行下的精度和稳定性，在最高速情况下加工同批次精度达到 $\pm 0.05\text{mm}$ 。

Adopting 0-clearance grinding-grade helical gear transmission, combined with high-precision imported guide rails, to improve the accuracy and stability during high-speed operation. The processing accuracy of the same batch can reach $\pm 0.05\text{mm}$ at the maximum speed.

04

航空级蜂窝铝板台面 Aeronautical-grade honeycomb aluminum plate tabletop

采用航空级铝板，坚固耐用，平整度高，强负压下不以变形，内部特殊风道单孔吸附力可达到4.1kpa。

The aeronautical-grade aluminum plate is adopted, which is sturdy, durable, and highly flat. It won't deform under strong negative pressure. The internal special air duct enables a single-hole adsorption force of up to 4.1 kPa.

■ 选配刀具 Optional tools



5mm大振幅振动刀
5mm large-amplitude
Oscillating tool



CCD视觉定位
CCD visual
positioning



V槽刀
V-groove tool



半切刀
Kiss-cut tool



画笔
Drawing pen



气动刀
Pneumatic oscillating
tool



拖刀
Drag knife



虚线刀
Dotted line tool



压痕刀
Creasing wheel



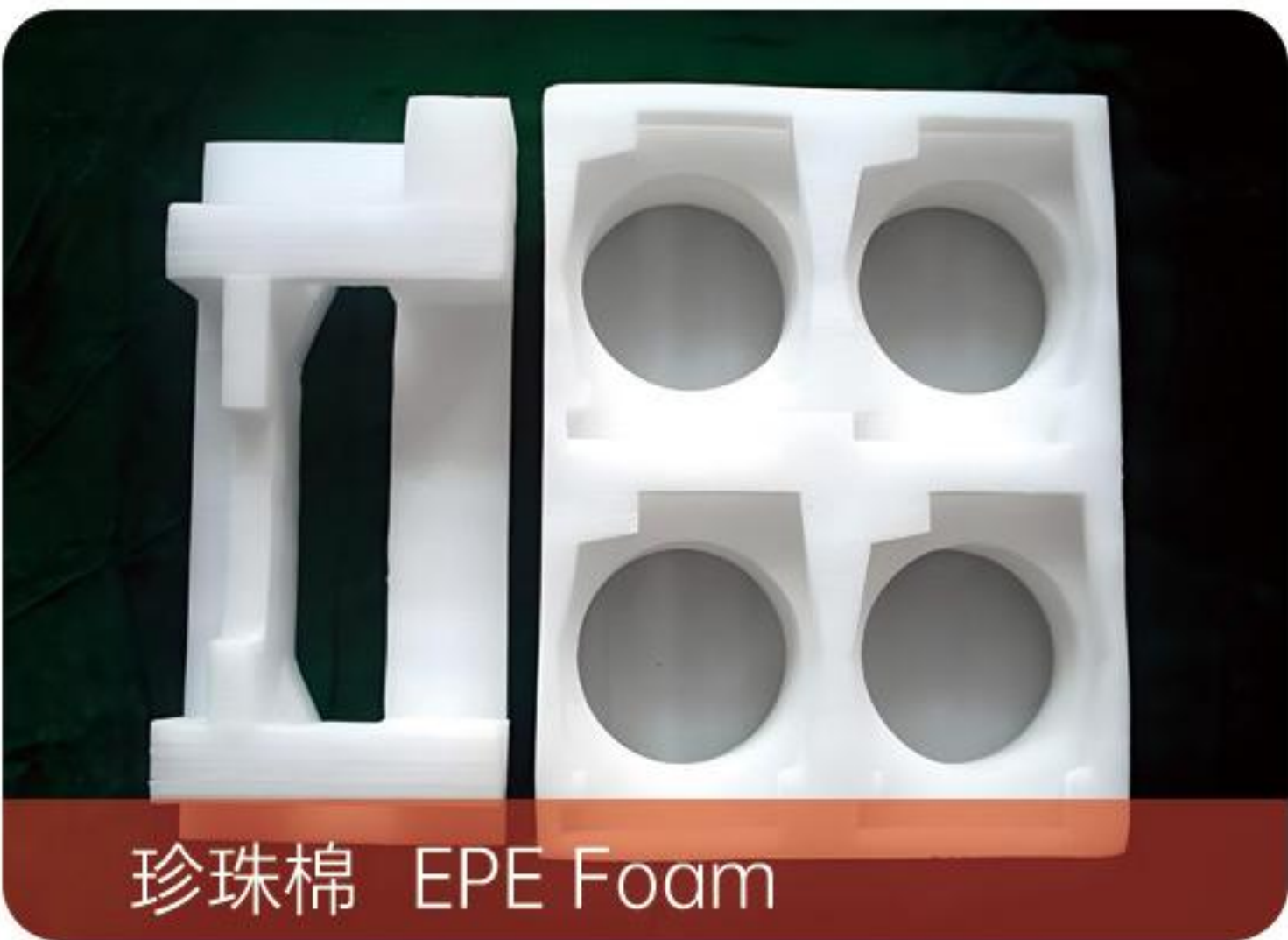
振动刀
Oscillating tool

■ 技术参数 Technical Parameters

| 机器型号 Machine Model | WMS-CL1311 | WMS-CL1713 | WMS-CL2520 |
|--------------------------------------|---|-------------|-------------|
| 切割范围 Cutting Range | 1300X1100mm | 1700X1300mm | 2500X2000mm |
| 机器尺寸 Machine Dimensions | 2260X1850mm | 2660X2050mm | 3460X2750mm |
| 整机重量 Total Machine Weight | 700Kg | 900Kg | 1200Kg |
| 最大切割速度 Maximum Cutting Speed | 1500mm/s | | |
| 最大切割厚度 Maximum Cutting Thickness | 45mm(可定制加高型) 45mm(option for other height) | | |
| 切割精度 Cutting Accuracy | ±0.05mm | | |
| 刀具配置 Tool Configuration | 振动刀、压轮、画笔、拖刀 Oscillating tool,Creasing wheel,Pen,Drag knife | | |
| 选配功能 Optional Functions | 高频振动刀、CCD 定位系统、V槽刀、半切刀、气动刀、虚线刀、压痕刀、自动送料 High-frequency vibrating knife, CCD positioning system, V-groove knife, half-cutting knife, pneumatic knife, dashed line knife, creasing knife,Automatic Feeding | | |
| 安全防护方式 Safety Protection Methods | 光幕、高精红外反射保护、触碰检测 High precision infrared raw reflect protection,touch detection | | |
| 传动方式 Transmission Mode | 双驱精密齿轮、齿条、上银导轨、高性能伺服驱动、双Y可选配直线电机 Double-drive precision gears, racks, HIWIN guide rails, high-performance servo drives, dual Y-axis optional linear motor configuration | | |
| 数据传输方式 Data Transmission Mode | 网口、USB Network port, USB | | |
| 材料固定方式 Material Fixing Method | 真空吸盘 Vacuum table | | |
| 设备使用电源 Power Supply for Equipment | 380V+220V、50HZ/60HZ | | |
| 设备使用气压 Air Pressure for Equipment | 0.5mpa | | |
| 设备功能 Equipment Functions | 切割、压痕、半穿、V槽、绘图 Cutting, creasing,Kiss-cut,V-grooving,plotting | | |
| 裁切材料 Cutting Materials | 面纸，卡纸，坑纸，瓦楞纸板，灰板，PP塑料中空板，EVA，EPE，PVC等系列包材 Facial tissue, cardboard, corrugated paper, corrugated board, grey board, PP plastic hollow board, EVA, EPE, PVC and other series of packaging materials. | | |

※ 注：其余非标可定制

■ 适用材料 Applicable Materials



用途多样化——可切割多种材料，无法全部展示，更多材料切割，欢迎咨询！

» WMS-CN系列

振动刀切割机 Digital cutting machine

■ 可选配自动送料



01

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Adopting 0-clearance grinding-grade helical gear transmission, combined with high-precision imported guide rails, to improve the accuracy and stability during high-speed operation. The processing accuracy of the same batch can reach ±0.05mm at the maximum speed.

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采用航空级铝板，坚固耐用，平整度高，强负压下不以变形，内部特殊风道单孔吸附力可达到4.1kpa。

The aeronautical-grade aluminum plate is adopted, which is sturdy, durable, and highly flat. It won't deform under strong negative pressure. The internal special air duct enables a single-hole adsorption force of up to 4.1 kPa.

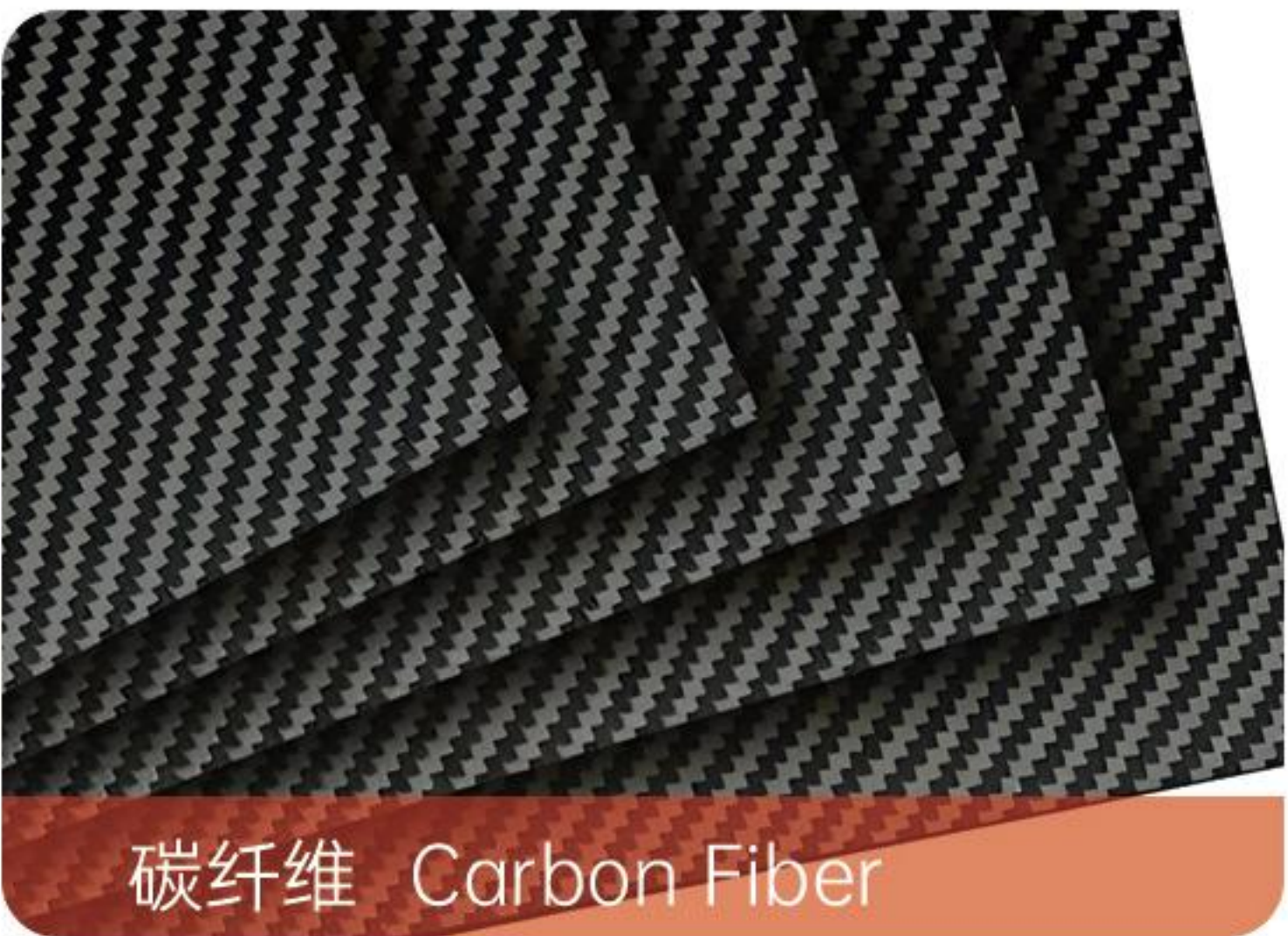
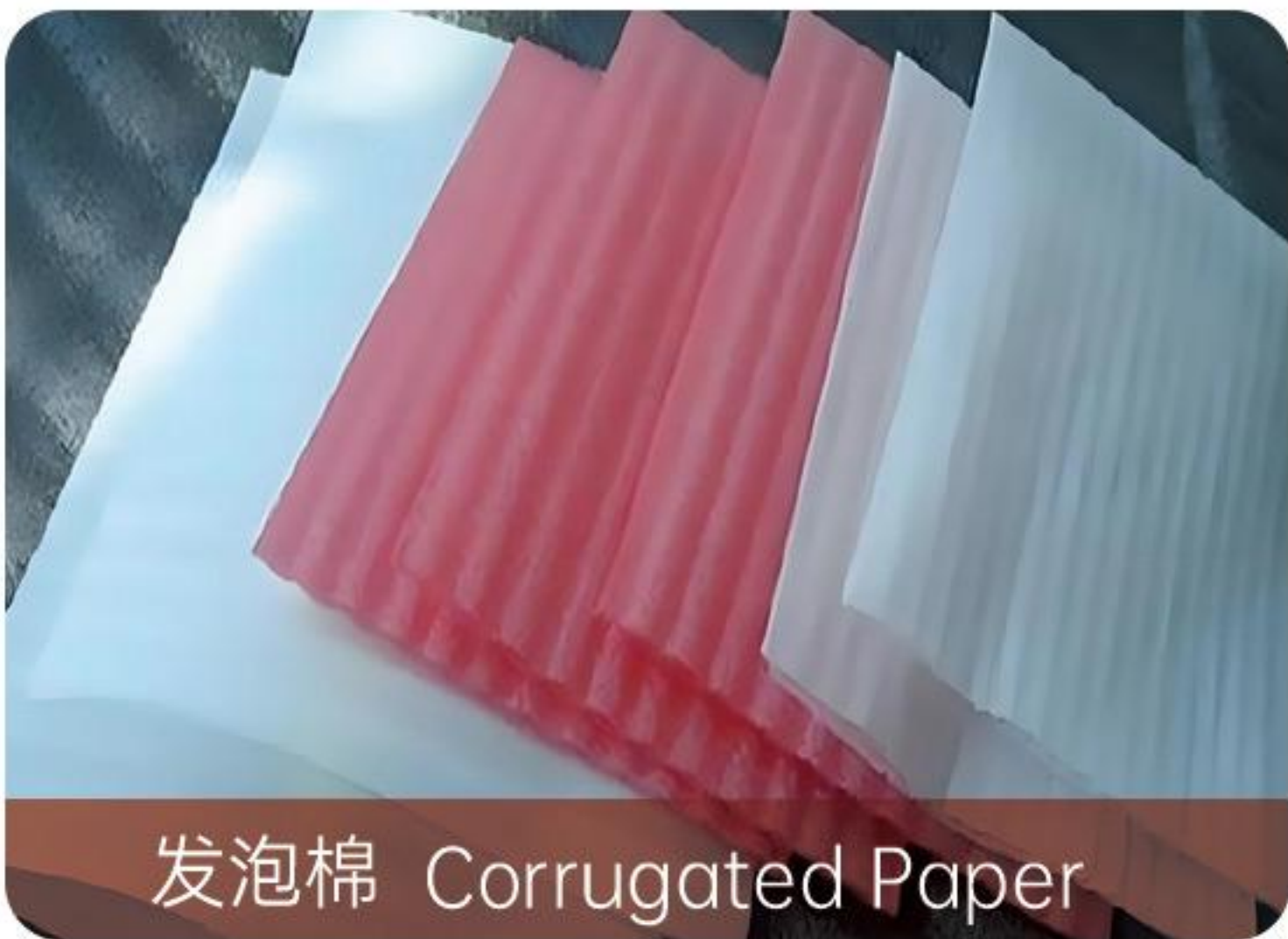
■ 选配刀具 Optional tools

| | | | | | | |
|---|---|--|---|---|---|---|
|  |  |  |  |  |  | |
| 5mm大振幅振动刀 5mm large-amplitude Oscillating tool | 大视觉 Large tool | V槽刀 V-groove tool | V冲 V punch | 电动斜切刀 Electric bevel tool | 画笔 Drawing pen | |
|  |  |  |  |  |  |  |
| 气动刀 Pneumatic oscillating tool | 拖刀 Drag knife | 虚线刀 Dotted line tool | 压痕刀 Creasing wheel | 圆冲 Round punch | 圆刀 Round Cut tool | 振动刀 Oscillating tool |

■ 技术参数 Technical Parameters

| 机器型号 Machine Model | WMS-CN1625 | WMS-CN2233 | WMS-CN2253 |
|--------------------------------------|--|-------------|-------------|
| 切割范围 Cutting Range | 1600X2500mm | 2200X3300mm | 2200X5300mm |
| 机器尺寸 Machine Dimensions | 2350X3465mm | 2950X4260mm | 2950X6260mm |
| 整机重量 Total Machine Weight | 1100Kg | 1325Kg | 1450Kg |
| 最大切割速度 Maximum Cutting Speed | 1500mm/s | | |
| 最大切割厚度 Maximum Cutting Thickness | 45mm(可定制加高型) 45mm (heightened models can be customized) | | |
| 切割精度 Cutting Accuracy | ±0.05mm | | |
| 刀具配置 Tool Configuration | 振动刀、压轮、画笔、拖刀 Oscillating tool,Creasing wheel,Pen,Drag knife | | |
| 选配功能 Optional Functions | 高频振动刀、大视觉、V槽刀、v冲、电动斜度刀、气动刀、虚线刀、压痕刀、圆冲、圆刀、自动送料 High-frequency vibrating knife, large vision, V-groove knife, V-punch, electric bevel knife, pneumatic knife, dashed line knife, creasing knife, round punch, round knife,Automatic Feeding | | |
| 安全防护方式 Safety Protection Methods | 光幕、高精红外反射保护、触碰检测 High precision infrared raw reflect protection,touch detection | | |
| 传动方式 Transmission Mode | 双驱精密齿轮、齿条、上银导轨、高性能伺服驱动、双Y可选配直线电机 Double-drive precision gears, racks, HIWIN guide rails, high-performance servo drives, dual Y-axis optional linear motor configuration | | |
| 数据传输方式 Data Transmission Mode | 网口、USB Network port, USB | | |
| 材料固定方式 Material Fixing Method | 真空吸盘 Vacuum table | | |
| 设备使用电源 Power Supply for Equipment | 380V+220V、50HZ/60HZ | | |
| 设备使用气压 Air Pressure for Equipment | 0.5mpa | | |
| 设备功能 Equipment Functions | 切割、压痕、半穿、V槽、绘图、冲孔 Cut,Crease,Kiss-cut,V-groove,Plot,Punch hole | | |
| 裁切材料 Cutting Materials | 瓦楞纸板, 灰板, PP塑料中空板, EVA, EPE, KT板, PVC, 隔音棉, 发泡棉, 密封垫, 碳纤维, 地毯, 布料, 箱包皮革等材料 Corrugated board, grey board, PP plastic hollow board, EVA, EPE, KT board, PVC, soundproof cotton, foam cotton, gasket, carbon fiber, carpet, fabric, luggage leather and other materials. | | |

■ 适用材料 Applicable Materials



用途多样化 ——可切割多种材料，无法全部展示，更多材料切割，欢迎咨询!