



始于2003年，专一只做EPE珍珠棉设备

The craftsman spirit of professional.
China manufacturer of EPE foam production lines since 2003.

中国·莱州
Laizhou · China



企业简介
ENTERPRISE
INTRODUCTION



莱州市金利达机械有限公司（原莱州市诚信机械厂）成立于2003年，是一家集科研开发、制造销售、服务为一体的科技型民营企业，迄今为止一直专一专业生产EPE珍珠棉发泡机及与EPE珍珠棉相关辅助设备。有多年从事机械设计开发的专业人才和先进的加工设备，珍珠棉发泡机畅销全国各地和世界各地，深受世界各地用户好评和信赖。

Laizhou Jinlida Machinery Co., Ltd. (formerly Laizhou Honesty Machinery Factory) was established in 2003. It is a scientific and technological private enterprise integrating scientific research, development, manufacturing, sales and service. It has been specialized in producing EPE foam Machine and EPE related auxiliary equipments. With professional personnels who engaged in mechanical design and development for many years, and with advanced equipments, our EPE machine is sold well both in China and all over the world, and our machines are highly praised and trusted by users by our customers.



公司车间实景

珍珠棉发泡机

EPE FOAMING MACHINE



EPE珍珠棉是一种国际国内大力提倡的可自然降解的环保型包装材料，弹性好、抗冲击。减压、防震性能优越。因其成本低、档次高、广泛应用于电子仪器仪表、家用电器、电脑、自行车、家具、门窗、皮鞋、玻璃、陶瓷器皿、爬行垫、床垫、地板防潮、地热膜、救生防护等各种产品的包装。

我公司的发泡机生产出的片材密度克重轻（已知客户可达到14~15公斤/立方米），泡孔结构细腻均匀、发泡剂用量省、片材瓦楞小、能耗低、产量高、速度快。

EPE foam sheet is a kind of environment-friendly packing material advocated both domestic and international-ly which can be naturally degraded. It is elastic, impact resistance, decompressed, and shock proof. Because of its low cost and high grade, it is widely used in the packing of electronic instruments, household appliances, computers, bicycles, furniture, doors and windows, leather shoes, glass, ceramic wares etc and also used as crawling mats, mattresses, floor anti-moisture products, underfloor heating film, life-saving protection products, etc.

The density of the product made by our machine is light (our customers make 14-15kg/m³), The cell structure is fine and uniform, the amount of foaming agent is saved, the sheet corrugation is small, energy consumption is low but the output is big and speed is fast.

主要技术参数 Main Technical Variables

型号 Model	螺杆直径 Screw Diameter (mm)	片材幅宽 Products Width (mm)	片材厚度 Products Thickness (mm)	总功率 Total Power (kW)	生产率 Output Capacity (kg/h)	发泡倍率 Foaming Ratio	长*宽*高 Dimension (m)
EFP-75	75	850~1600	0.2-3	55	25-50	25-64	20*4*3
EFP-90	90	850~2000	0.2-5	75	60-90	25-64	22*4*3
EFP-105	105	850~2500	0.3-6	95	80-120	25-64	25*4*3
EFP-120	120	900~3000	0.5-8	115	120-180	25-64	27*4*3
EFP-135	135	900~3000	1-10	150	170-220	25-64	35*4*3
EFP-150	150	900~3000	2-12	220	250-300	25-64	38*7*3
EFP-170	170	1000~3000	2-15	320	100-450	25-64	40*7*3
EFP-180	180	1000~3000	3-18	330	300-500	25-64	41*7*3
EFP-200	200	1000~3000	3-20	400	350-650	25-64	42*7*3
EFP-220	220	1000~3000	3-22	450	400-700	25-64	43*7*3
EFP-250	250	1000~3000	3-25	500	450-800	25-64	46*7*3

注：近年来随着EPE珍珠棉在蔬菜大棚保温被、床垫等的应用，客户加工珍珠棉宽度也被要求达到3米、4米，我公司生产的发泡机宽度都可以达到3米、4米甚至更宽，可根据客户要求定制特种规格设备。

Note: In recent years, with the application of EPE products in greenhouse heat preservation quilt and mattress filed, the width of epe sheet is required to reach 3 or 4 meters. The epe sheet width made by our company can reach 3m, 4m or even wider. We can also customize special machines according to customers' requirements.

珍珠棉管棒机 EPE PIPE/ROD EXTRUDING MACHINE



主要技术参数 Main Technical Variables

型号 Model	螺杆直径 Screw Diameter (mm)	管型外径 Tube Outer Diameter (mm)	棒型直径 Rod Diameter (mm)	产量 Output (kW)	装机容量 Installed Capacity (kg/h)	长×宽×高 Dimension (m)
EFP-75	75	10-60	6-38	20-40	55	16×1.3×1.7
EFP-90	90	20-80	6-50	30-70	80	18×1.6×1.7
EFP-105	105	20-100	10-80	40-100	90	25×1.8×1.8
EFP-120	120	30-120	30-90	50-150	110	28×2.5×2.3
EFP-135	135	40-140	40-100	70-180	150	30×1.3×1.7
EFP-150	150	50-160	50-110	90-200	200	35×1.6×1.7
EFP-180	180	60-180	60-130	100-260	400	38×1.8×1.8
EFP-200	200	70-200	80-135	120-300	450	45×2.5×2.3

管棒机可生产管形、棒形、U型、E型、L型护边护角、口型、多边形等各种珍珠棉产品，其管材发泡倍率高，弹性好，保温隔热性能佳。

EPE发泡棒广泛用于席梦思床垫、沙发梗边、汽车座垫、沙发靠背及高档服装的定型、填充和装饰；因其绝佳回弹性还被应用于石材玻璃幕墙、机场跑道、桥梁塞缝等建筑收缩缝的填充料。另外空调保温管、管道隔热、玩具护栏及娱乐设施等领域以及儿童玩具用品、体育健身器材及渔业等。

The tube/rod machine can produce various types of pearl cotton products such as tubular shape, rod shape, U-shaped, E-shaped, L-shaped retaining angle, mouth shape, polygon, etc. The tube has high expansion ratio, good elasticity and good thermal insulation performance.

EPE foaming rods are widely used in the shaping, filling and decoration of mattresses, sofa stalks, car seats, sofa backs and high-end garments; they are also used in stone glass curtain walls, airport runways, bridge plugs for their excellent resilience. In addition, air-conditioning insulation pipes, pipe insulation, guardrails for entertainment facilities, as well as children's toys, sports fitness equipment and fisheries, etc.



网套机 NET COVER MACHINE

PE发泡网是一种新型软包装材料，因其独特的可扩张网状结构及富有弹性的发泡网膜，广泛应用于玻璃制品、精密仪器及各种蔬菜、水果、鲜花等产品的包装。

PE foaming net is a new type of flexible packaging material. Due to its unique expandable mesh structure and elastic foamed web, it is widely used in the packaging of glass products, precision instruments and various vegetables, fruits, flowers and other products.

主要技术参数 Main Technical Variables

型号 Model	挤出机 Extruder	螺杆转速 Screw Speed (M/Min)	发泡倍率 Foamin Ratio	制品规格 Product Specification	冷却方式 Cooling Method	装机容量 Installed Capacity (kW)	外形尺寸 Dimensions (m)
FPW75	75/55	5-50	20-40	10-40	水冷 Water Cooling	28	12x3x1.8



淋膜机 PE FILM EXTRUSION LAMINATING MACHINE

适用于EPE珍珠棉发泡片材与编织布、PE、OPP彩膜、镀铝膜、PVC、针织棉、LDPE、PP等复合材料、铝箔、卷筒纸、布等基材淋膜，适用于婴儿爬行垫、防潮垫、大棚被、食品包装、医药包装的制作。生产出制品表面花纹均匀、清晰、凹凸感强、无气泡、成品率高，受到国内外客户的高度赞誉。

Applicable to EPE pearl cotton foam sheet and woven fabric, PE, OPP color film, aluminized film, PVC, knitted cotton, LDPE, PP and other composite materials, aluminum foil, web, cloth and other substrate coating, suitable for Baby crawling mats, moisture-proof mats, greenhouses, food packaging, and pharmaceutical packaging. The surface of the produced product is uniform, clear, strong and concave, with no bubbles, and high yield. It is highly praised by customers at home and abroad.

主要技术参数 Main Technical Variables

型号 Model	螺杆直径 Screw Diameter (mm)	模头宽度 (mm)	产品宽度 (mm)	淋膜速度 (M/Min)	长径比	功率 Output (kW)	外形尺寸 Dimension (m)
1600	75/90	1600	1450	30~110	35: 1	50	10x8x3.5
1800	75/90/110	1800	1650	30~110	35: 1	80	10x8x3.5
2200	90/110	2200	2050	30~110	35: 1	110/120	11.5x9x3.5
3200	110/120	3200	3050	30~110	35: 1	150	12x10x3.5





增厚机 BONDING MACHINE

珍珠棉增厚机 是EPE发泡片制品的深加工设备，用于EPE发泡片的粘接增厚、复合增厚，即将两层或多层EPE珍珠棉发泡片材进行熔粘，以达到增加厚度的目的。也可对OPP、淋膜过的编织袋进行与珍珠棉PE膜的复合。

增厚机有立式卧式（平行式）之分，立式用来复合5cm厚度以内的卷材。卧式用来复合5cm厚度往上的板材，一般来说对于板材需求量大的客户来说卧式复合机是首选。

EPE thickening/bonding machine is a deep processing equipment for EPE foam sheet products. It is used for bonding/thickening of EPE foam sheet, which is to melt two or more layers of EPE foam sheet to increase the thickness. It can also be used for the bonding of OPP and coated woven bags and PE film.

The thickening machine has vertical type and horizontal type. The vertical type is used to bond foam rolls whose thickness is less than 5mm. Horizontal type is used to bond foam rolls whose thickness is more than 5cm. Generally speaking, horizontal bonding machine is the first choice for customers with large demand for thick sheets.

主要技术参数 Main Technical Variables

型号 Model	制品幅宽 Product Width (mm)	加热方式 Heating Method	主电机功率 Main Motor Power (kW)	装机容量 Installed Capacity (kW)	机器重量 Machine Weight (t)	长*宽*高 Dimension (m)
ZH1500	1300	热风加热 Hot Air Heating	1.5	44	2	7.2×1.8×2.0
ZH1700	1500		2.2	45	2.5	7.5×2.2×2.0
ZH2200	2000		2.2	45	3	8×2.3×2.0
ZH3200	3000		3	85	3.5	8×3.3×2.0
ZH4200	4000		4	130	3.5	8×4.3×2.0

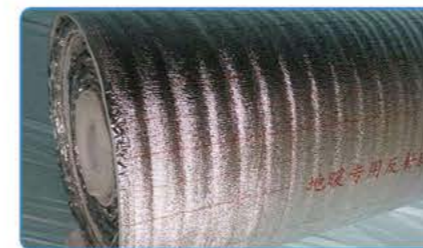
注：有两头和四头、进口热风枪和国产加热芯等多种组合选择。两头和四头速度不同，上面参数为两头的参数，如果四头的话速度还会加快不少。特别是复合增厚速度可以达到40m~60m/分。

Note: There are more choices of such machine. We have two-head machine, four-head machine, imported hot air gun or domestic heating core which you can choose according to your requirement. Two-head machine and four-head machine have different speeds. The above parameter is for two-head machine. Four-head machine speed is much faster which can reach 40m-60m/minute.

覆膜机 FILM LAMINATING MACHINE

覆膜机主要是用于EPE发泡片(膜)和PE薄膜或铝箔、纸张的表面层覆合；覆合材料有PE膜、镀铝膜、涂塑纸、涂塑布等等。也可由用户指定特制，轧花片材主要用于地板膜、地暖地热、制作电子仪器仪表包装袋。

The laminating machine is mainly used for surface layer lamination of EPE foam sheet (film) and PE film or aluminum foil and paper; the laminating material is PE film, aluminized film, plastic coated paper, plastic coated cloth, etc. It can also be specially designed by the user. The embossed sheet is mainly used for floor film, floor heating, and making electronic instrument packaging bags.



主要技术参数 Main Technical Variables

型号 Model	制品幅宽 Product Width (mm)	加热方式 Heating Method	主电机功率 Main Motor Power (kW)	装机容量 Installed Capacity (kW)	外形尺寸 Dimensions (m)
FM1400	1200	不锈钢棒电加热	1.5	12	4.2×2.3×1.5
FM1700	1500	Stainless	2.2	15	4.2×2.6×1.5
FM2200	2000	Steel Rod	3	20	4.2×3.1×1.5
FM 3200	3000	Electric Heating	3	25	4.5×4.1×1.5



造粒机 GRANULATOR

造粒机适用于EPE发泡废旧塑料为原料进行挤出拉条造粒，加工成目前的塑料行业紧缺的EPE塑料粒子，可再次用于珍珠棉制品的生产。回收造粒机采用排气式结构，将物料在塑化过程产生的气体排除，使颗粒密实、表面光滑。

The granulator is used to recycle EPE waste and make it epe pellets which can be used again. The recycling granulator adopts a venting structure to remove the gas generated by the plasticizing process so that the pellets are dense and the surface is smooth.



主要技术参数 Main Technical Variables

型号 Model	原料 Raw Material	螺杆直径 Screw Diameter (mm)	主机功率 Main Machine Power (kW)	副机功率 Auxiliary Machine Power (kW)	切粒功率 Pelletizing Power (kW)	生产能力 Output Capacity (kg/h)	长*宽*高 Dimension (m)
HS-100	EPE	Φ100	15	1.1	2.2	75	10×1.5×1.2
HS-100a	EPE	Φ100	15	1.1	2.2	100	10×1.5×1.2
HS-125	EPE	Φ125	18.5	1.1	11	125	8×1.8×1.5
HS-125a	EPE	Φ125	18.5	1.1	11	150	8×1.8×1.5

裁切机 CUTTING MACHINE

EPE珍珠棉裁板机主要用于复合后的珍珠棉板材自动修边和定长裁板，可以裁切珍珠棉板材、卷材片材、EVA、xpe等。采用先进的微电脑控制性能可靠裁切速度快提高了生产效率，降低生产成本。

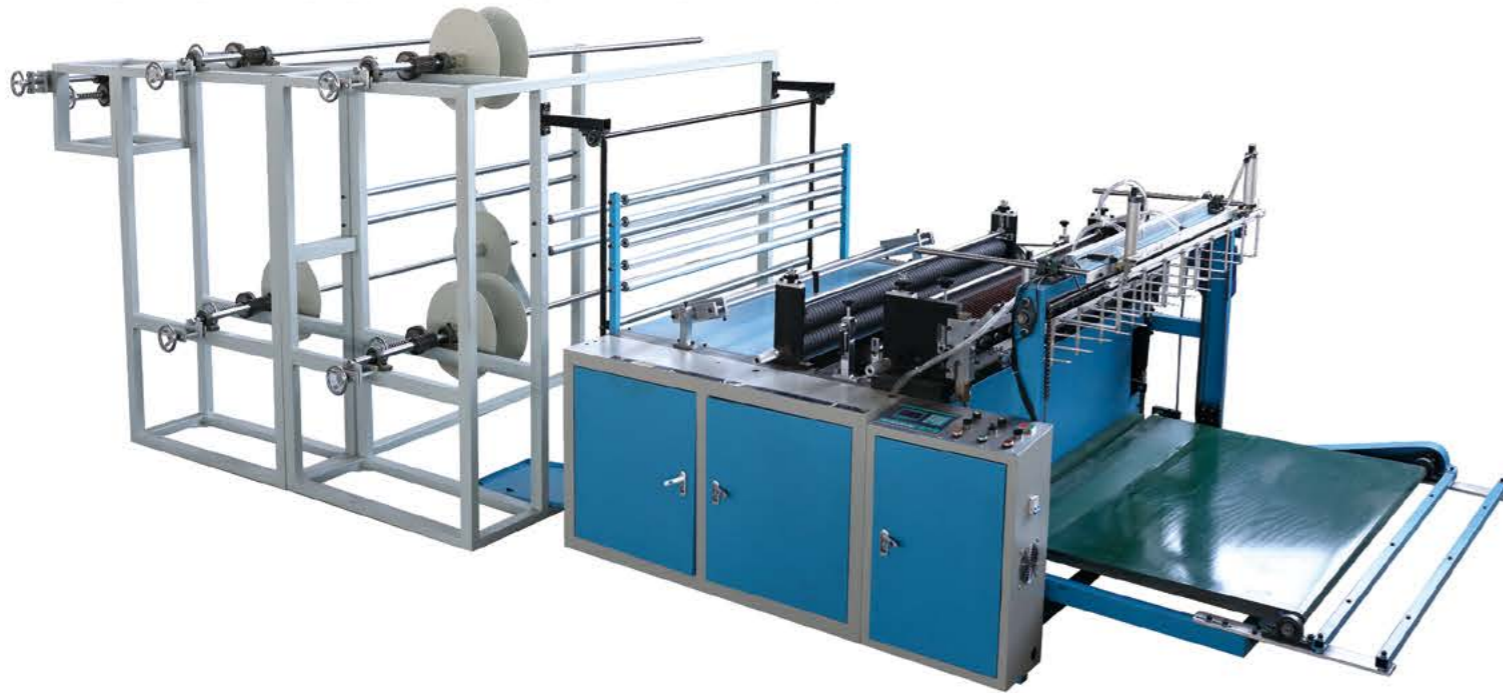
EPE cutting machine is mainly used for automatic trimming and fixed-length cutting of epe sheet after bonding. It can cut epe sheet, epe foam in roll, EVA, xpe and so on. With advanced microcomputer control, its performance is reliable, its cutting speed and production capacity increase, and the production cost is lowered.

主要技术参数 Main Technical Variables

型号 Model	进料宽度 Feeding Width	误差 Error	切割厚度 Cutting Height	速度 Cutting Speed	总功率 Total Power
CQ1500	1400MM	≤3mm	0.3~100mm (特殊规格可定做) (Special specifications can be customized)	0.25 米每秒	3.8kW
CQ2200	2100MM	≤3mm	be customized)		3.8kW



5卷裁切机/裁切打孔机 5-ROLL SLICING MACHINE SLICING & PUNCHING MACHINE



主要技术参数 Main Technical Variables

- 最大切片宽度 1350MM
- 最大切片长度 1500MM
- 最大切片速度 100 个/MIN
- 总功率 5KW
- 外形尺寸: 3300X1750X2200MM (Lx Wx H)
- 自动升降皮带接料, 到数自动输送,
- 五卷放料架,
- 机重: 1200KG
- Maximum slice width: 1350MM
- Maximum slice length: 1500MM
- Maximum slice speed: 100 / MIN
- Total power: 5KW
- Dimensions: 3300X1750X2200MM (LxWxH)
- The automatic lifting belt catch the material
- Five-roll discharging rack,
- Machine weight: 1200KG



XPE墙贴、爬爬垫覆膜增厚机 FILM LAMINATING & BONDING MACHINE FOR XPE WALL STICKER, CLIMBING MAT

XPE 覆膜机增厚一体机适用于爬爬垫压花增厚, 用于生产爬爬垫, 瑜伽垫, 野餐垫, 现在最流行的墙贴都是可以生产的。该设备操作简单, 压花清晰, 节约成本。

XPE laminating & bonding all-in-one machine is suitable for climbing mat embossing thickening, used to produce climbing mats, yoga mats, picnic mats, and at present the most popular wall stickers can be produced. The device is simple to operate, clear embossing and cost saving.



主要技术参数 Main Technical Variables

最大制品幅宽: Maximum Product Width:	1500-2500mm
加热方式: Heating Method:	电吹风式加热 Electric Drive Blower Heating
总功率: Total Power:	45KW
覆膜速度: Laminating Velocity	7~15 米/分(m/min)
复合增厚速度: Bonding Velocity	20~40 米/分(m/min)



爬爬垫折叠机/3DXPE墙贴压花机

CRAWLING PAD CREASER

XPE 3D WALL MOUNTING MACHINE



适用于XPE爬爬垫折痕和表面轧花、xpe墙贴压花等。设备自动控温，自动进给，自动压痕轧花，自动裁切。

It is suitable for pressing EPE/XPE creases after coating. The finished mat is easy to carry and take in. In addition, it can also produce other 3D models, such as wall tiles.

Automatic temperature control, automatic feed, automatic indentation and embossing, automatic cutting.

主要技术参数 Main Technical Variables

- 加工效率 2~3张/分
- 加工垫子最大宽度：1800mm
- 加工垫子最长长度：2000mm
- 加工垫子成品厚度：10mm
- 装机容量：190kw
- 机组外形尺寸 mm：200*3000*10000
- 重量 kg：15000
- Processing efficiency 2-3 sheets per minute
- Mat max width: 1800mm
- Mat max length: 2000mm
- Mat thickness: 10mm
- Installed power: 190kw
- Dimension: 200x3000x10000
- Weight: 15000kg



制袋机

BAG MAKING MACHINE

用于将epe、气泡膜等材料加工成袋子。

- 最大制袋宽度 950mm
- 最大制袋长度 800mm
- 生产速度 20—120pcs/min

It is used to make bags with epe, bubble film and other materials.

- Maximum bag width 950mm
- Maximum bag length 800mm
- Production speed 20-120pcs/min



主要技术参数 Main Technical Variables

机器型号 (Model)	WXQP-800	WXQP-1000
制袋宽度 Bag-making Width	10-800mm	10-1000mm
制袋长度 Bag-making Length	50-990mm	60-990mm
制袋速度 Bag-making Speed	20-190 pcs/min	20-190 pcs/min
总功率 Total Power	3.2kw	4kw
机器重量 Weight of Machine	1500kg	2000kg
外形尺寸 Overall Dimensions	4400 X 2800 X 1750mm	4500 X 3000 X 1950mm



▲ 卷管机
TUBE ROLLING MACHINE



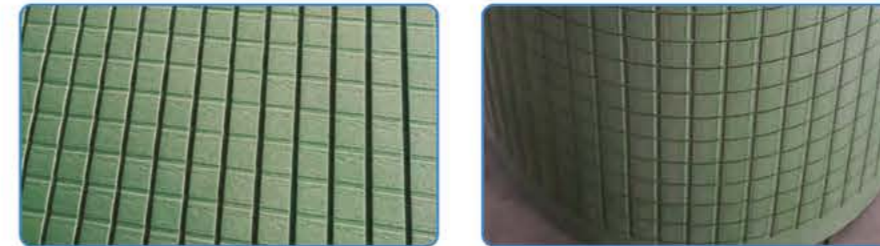
将覆膜压花后的XPE、PEF、EPE等裁成条状的卷材热合卷成管状制品，从而制成表面覆有麻纹状薄膜的发泡管。用来做空调保温管、地暖保温管、淘气堡儿童保护等领域。管材的直径大小可以调节，机器操作简单灵活。

After XPE PEF EPE products are embossed and coated, heat and reel them into a tubular product. So we get foamed pipes whose surface is covered with a strip-shape film. These pipes can be used as air conditioning insulation pipes, floor heating insulation pipes, air castle protection etc. The diameter of the pipe can be adjusted. The machine is easy to operate.

主要技术参数 Main Technical Variables

1. 卷管速度: 10-15m/min
2. 总功率: 约 9kw
3. 外形尺寸: 10m*1.2m*2.2m
1. Pipe-reeling speed: 10-15m/min
2. Total power: about 9kw
3. Dimensions: 10m*1.2m*2.2m

▲ XPE开槽机
XPE GROOVING MACHINE



XPE刻槽机是用来在XPE表面做方形的。机器大小可定制。可以在体育场的草坪下面铺设，以增加排水效果。

XPE grooving machine is used to make square on the surface of XPE. Machine size can be customized. It can be used to lay under the lawn of the stadium to increase the drainage effect.

主要技术参数 Main Technical Variables

- 最大生产宽度1500mm (其他规格可以定制)
- 加热方式: 电加热
- 开槽速度: 2.5-10米/分钟
- 总功率: 52kw
- Maximum production width 1500mm (Other specifications can be customized)
- Heating mode: electric heating
- Slotting speed: 2.5-10 m/min
- Total power: about 52 kw

▲ XPE垫子侧边切机 XPE MAT BROADSIDE CUTTING MACHINE



本机专用于XPE发泡垫子的两侧边的裁切。

This machine is specially designed for cutting both sides of XPE mat.

主要技术参数 Main Technical Variables

- 1.裁切幅宽1000——2000mm。
 - 2.工作台长度18米，高度1米，分三段。
 - 3.切边刀为2把圆盘刀，上下左右位置均可调，上下可调35mm，左右可调550mm。
 - 4.魔术贴装置一套：采用不锈钢平顶链压魔术贴，电吹风加热。本装置可升降和水平移动
 - 5.总功率：7.2kw。
 - 6.外形尺寸：18000*3000*2200mm。
- 1.Effective Width:1000-2000mm.
 - 2.Workbench length:18M,height:1M,3 parts.
 - 3.Edge cutters are two disc cutters, with adjustable position from top to bottom, 35 mm from top to bottom, 550 mm from left to right.
 - 4.Magic Patch Device 1 Set: Patented Technology, Electric Hot Air.The device can be lifted and moved horizontally.
 - 5.Total power: 7.2KW
 - 6.Size: 18000*3000*2200mm

▲ 全自动裁断机 AUTOMATIC POUNCHING MACHINE



主要技术参数 Main Technical Variables

工作最大裁断力 Maximum Judgment of Work	60T- 110T
上压板至工作台距离 Distance from upper pressure plate to worktable	180mm
工作台有效范围 Effective range of worktable	1300MM*800MM
自动送料台有效尺寸 Effective Size of Automatic Feeder	1280mm*800mm
设备最大开口空间 Maximum Opening Space of Equipment	180MM
自动送料台驱动方式 Driving mode of automatic feeding table	Frequency conversion feeding
主电机功率 Main Motor	7.5KW
送料电机功率 Feeding Motor	1.1KW*2
整机尺寸 (约) Size	2800*1500*3000mm
整机重量 (约) Weight	5500KG



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金利达机械有限公司成立以来，砥砺前行，努力创新，
用自己的智慧与汗水为品牌注入活力，
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