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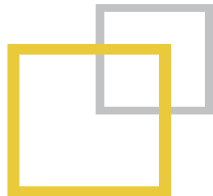
汽车新材料生产线

金纬机械  
JWELL MACHINERY

# AUTOMOTIVE NEW PLASTIC MATERIAL EXTRUSION LINE

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TPU隐形车衣膜**生产线** >>>>>

TPU Invisible Car Clothing  
Production Line

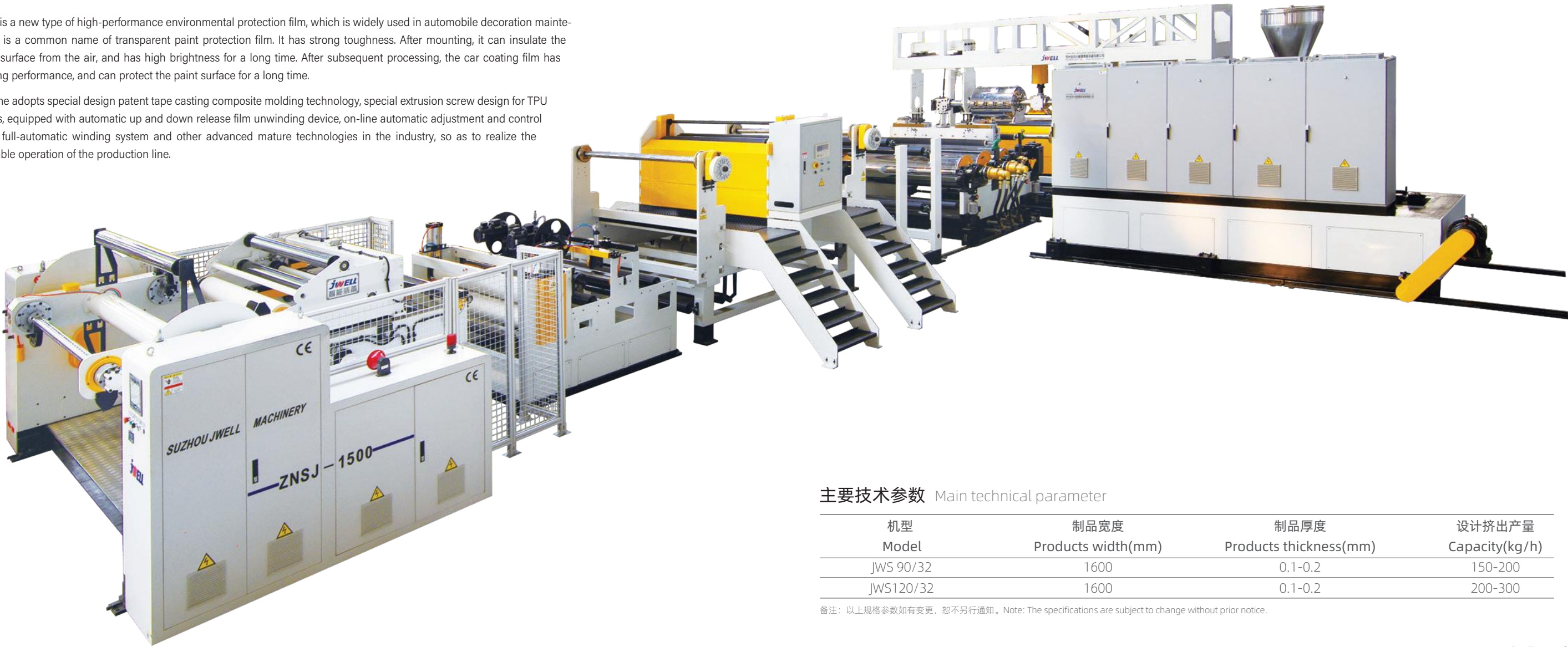
TPU隐形车衣是一种高性能新型环保薄膜，被广泛应用于汽车美容保养行业，是透明漆面保护膜的一种俗称。具有超强的韧性，装贴后可使汽车漆面与空气隔绝，持久具有高光亮度，经过后续加工，车衣膜具有刮擦自修复性能，持久保护漆面。

本生产线采用特殊设计的专利流延复合成型技术，针对TPU脂肪族材料特殊的挤出螺杆设计，配备全自动上下离型膜放卷装置，膜片厚度在线自动调节控制，全自动化收卷系统等行业先进的成熟技术，实现生产线的自动化稳定运行。



TPU invisible film is a new type of high-performance environmental protection film, which is widely used in automobile decoration maintenance industry. It is a common name of transparent paint protection film. It has strong toughness. After mounting, it can insulate the automobile paint surface from the air, and has high brightness for a long time. After subsequent processing, the car coating film has scratch self-healing performance, and can protect the paint surface for a long time.

This production line adopts special design patent tape casting composite molding technology, special extrusion screw design for TPU aliphatic materials, equipped with automatic up and down release film unwinding device, on-line automatic adjustment and control of film thickness, full-automatic winding system and other advanced mature technologies in the industry, so as to realize the automatic and stable operation of the production line.



主要技术参数 Main technical parameter

| 机型<br>Model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 设计挤出产量<br>Capacity(kg/h) |
|-------------|----------------------------|--------------------------------|--------------------------|
| JWS 90/32   | 1600                       | 0.1-0.2                        | 150-200                  |
| JWS120/32   | 1600                       | 0.1-0.2                        | 200-300                  |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# TPU/TPE皮革挤出复合生产线

## TPU/TPE Leather Extrusion Composite Production Line

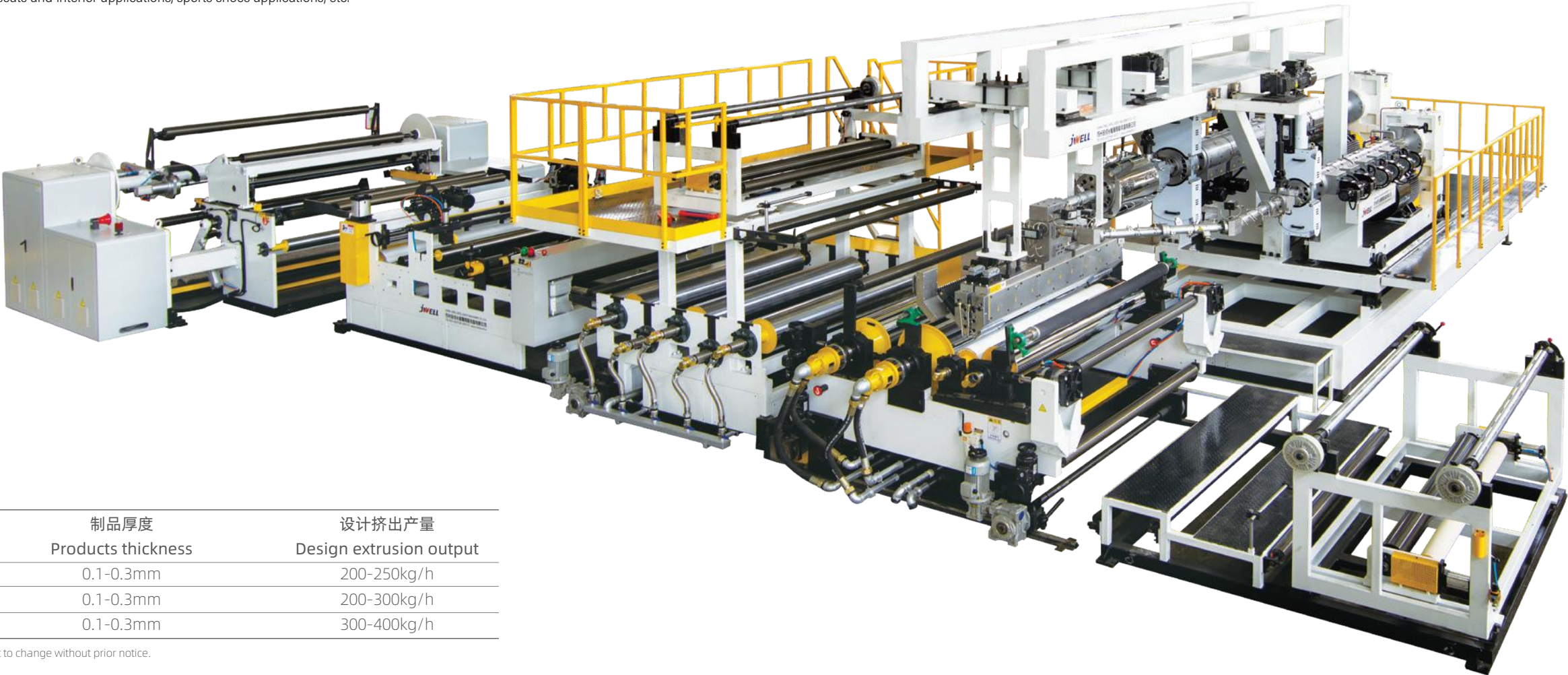
TPU和TPE作为高性能的热塑性弹性体，具有高耐磨、高弹型、耐老化、触感柔软舒适等优点，用TPU材料开发的TPU超纤皮革，应用于仿皮家具/软包装饰、文具应用、服装材料、箱包皮革、汽车座椅及内饰、运动鞋等。

传统超纤皮革，其采用溶剂型PU涂布法的生产工艺，生产过程产生化学溶剂的挥发，造成企业对环保的困扰和对消费者健康的伤害。采用TPU热塑性材料制作的皮革工艺，一步法挤出复合成型，生产过程环保无污染，对人体健康不造成伤害，是替代传统PU皮革的最佳选择。



TPU and TPE, as high-performance thermoplastic elastomers, have the advantages of high wear resistance, high elasticity, aging resistance, soft and comfortable to the touch, etc. TPU microfiber leather developed with TPU material is used in imitation leather furniture/soft packaging decoration, stationery applications, clothing materials, luggage leather, car seats and interior applications, sports shoes applications, etc.

Traditional microfiber leather, its production process using solvent-based PU coating method, the production process produces the volatilization of chemical solvents, resulting in the enterprise's environmental problems and harm to consumer health. The leather process made by TPU thermoplastic material, one-step extrusion composite molding, the production process is environmentally friendly and pollution-free, causing no harm to human health, is the best choice to replace the traditional PU leather.



主要技术参数 Main technical parameter

| 机型<br>Model  | 制品宽度<br>Products width | 制品厚度<br>Products thickness | 设计挤出产量<br>Design extrusion output |
|--------------|------------------------|----------------------------|-----------------------------------|
| JWS65/120    | 1000-3000mm            | 0.1-0.3mm                  | 200-250kg/h                       |
| JWS65/120/75 | 1000-3000mm            | 0.1-0.3mm                  | 200-300kg/h                       |
| JWS75/130/75 | 1000-3000mm            | 0.1-0.3mm                  | 300-400kg/h                       |

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PP蜂窝板围板生产线 >>>>>

PP Honeycomb Board Extrusion Line

PP蜂窝板通过挤出法一次成型的三层夹心板材，两面为较薄的面层，中间为蜂窝状结构；根据蜂窝的结构可以分为单层板、双层板。

PP蜂窝板也可一次成型双面贴布、覆皮，具有轻质高刚、无毒环保减震耐寒、隔音保温、防潮隔热等优点。

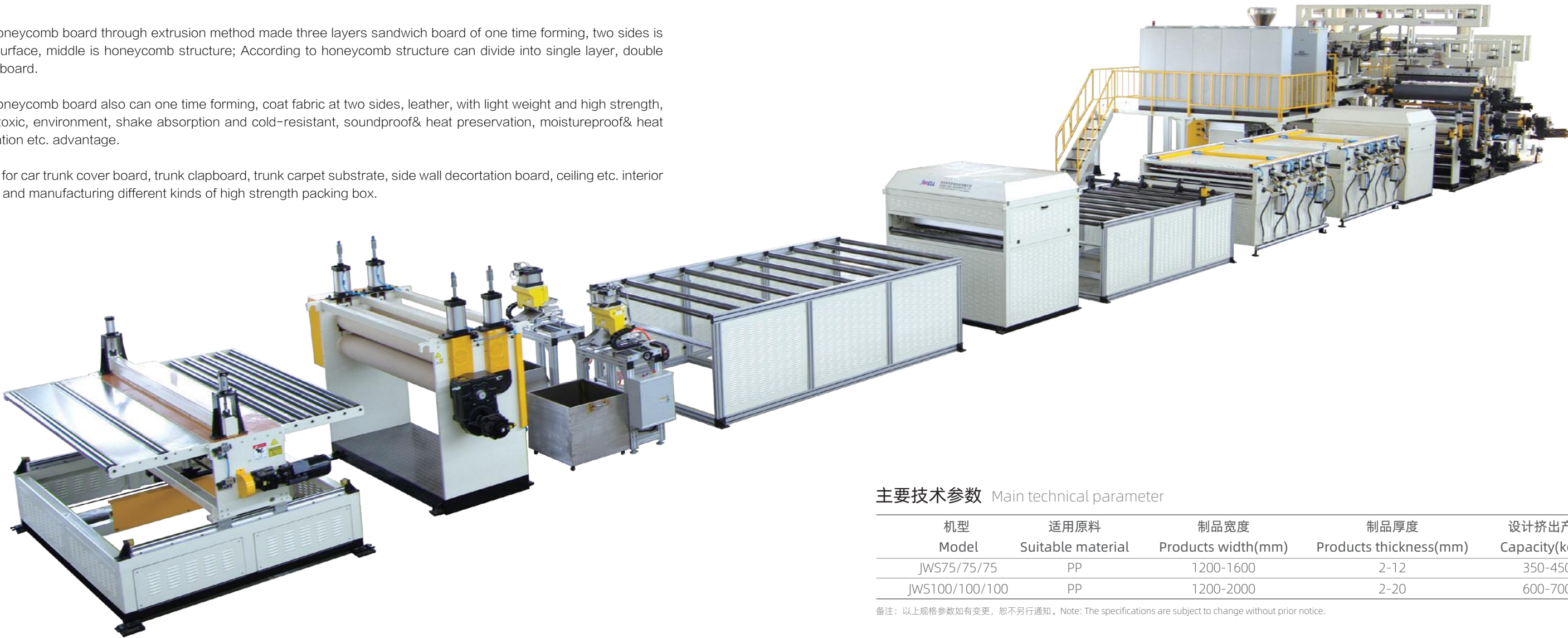
应用于乘用车的行李箱盖板、行李箱隔板、行李箱地毯基板、侧围装饰板、顶棚等内饰部位及各种高强度包装箱。



PP honeycomb board through extrusion method made three layers sandwich board of one time forming, two sides is thin surface, middle is honeycomb structure; According to honeycomb structure can divide into single layer, double layer board.

PP honeycomb board also can one time forming, coat fabric at two sides, leather, with light weight and high strength, non-toxic, environment, shake absorption and cold-resistant, soundproof& heat preservation, moistureproof& heat insulation etc. advantage.

Used for car trunk cover board, trunk clapboard, trunk carpet substrate, side wall decortation board, ceiling etc. interior place and manufacturing different kinds of high strength packing box.



主要技术参数 Main technical parameter

| 机型<br>Model    | 适用原料<br>Suitable material | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 设计挤出产量<br>Capacity(kg/h) |
|----------------|---------------------------|----------------------------|--------------------------------|--------------------------|
| JWS75/75/75    | PP                        | 1200-1600                  | 2-12                           | 350-450                  |
| JWS100/100/100 | PP                        | 1200-2000                  | 2-20                           | 600-700                  |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

TPE/TPO/PVC 汽车内饰/汽车脚垫

复合生产线 TPE/TPO/PVC

Automotive Interior / Automotive Foot

Mat Extrusion Line



性能和优点:

- 1、TPE是热塑性弹性体，它是一种可连续挤出加工的材料，具有优良的着色性、高强度、高回弹、环保、无毒、安全。
- 2、TPE脚垫具有良好的耐疲劳、耐温、耐候性，加工时无需硫化。不同的增塑剂可以回收利用。此外，TPE脚垫安全无毒，不含添加剂，夏天高温也不会散发异味。
- 3、TPE脚垫由于材质特点的关系，所以非常耐磨，使用寿命长。



Performance and feature:

TPE is a thermoplastic elastomer, which can be continuously extruded, with excellent coloring, high strength, high rebound, environmental protection, non-toxic, safe.

TPE foot mat has good fatigue resistance, temperature resistance, weather resistance, processing without vulcanization. Different plasticizers can be recycled. In addition, TPE floor mat are safe and non-toxic, do not contain additives, and do not emit odor at high temperatures in summer.

TPE foot mat is very wear-resistant and has long service life due to its material characteristics.

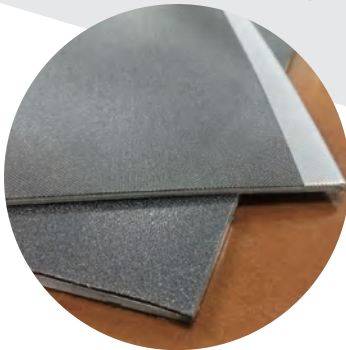
主要技术参数 Main technical parameter

|                              |                 |                 |
|------------------------------|-----------------|-----------------|
| 机型 Model                     | JWS 120/60-1800 | JWS 130/70-1800 |
| 适用原料 Material                | TPE             | TPE             |
| 挤出机规格 Extruder Specification | Φ120/38、Φ60/35  | Φ130/38、Φ70/35  |
| 共挤分层形式 Co-extrusion Layer    | A/B、B           | A/B、B           |
| 制品宽度 Products Width          | 1400-1800mm     | 1400-1800mm     |
| 制品厚度 Products Thickness      | 1-4mm           | 1-4mm           |
| 最大挤出产量 Capacity(Max.)        | 350kg/h         | 450kg/h         |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

TPU/ABS 车用内饰复合板材生产线

Automotive Interior Composite Plate Extrusion Line



TPU/ABS复合板材是一种用于汽车仪表板、内饰的环保新材料，采用模内复合工艺，区别于传统胶粘的TPU/ABS复合方式，制品不散发甲醛无异味，不会造成车内二次污染。厚度在1.5-8mm，宽度在1800-2000mm之间。

TPU/ABS composit plate is one new kind of enviroment friendly material used for car gauge panel and inner decoration. It adopts multi manifold procee to make TPU coat on ABS instead of glue coating so that the finished product does not release formalde-hyde or creat inner air pollution. Plate thickness from 1.5mm to 8mm, width from 1800mm to 2000mm.

主要技术参数 Main technical parameter

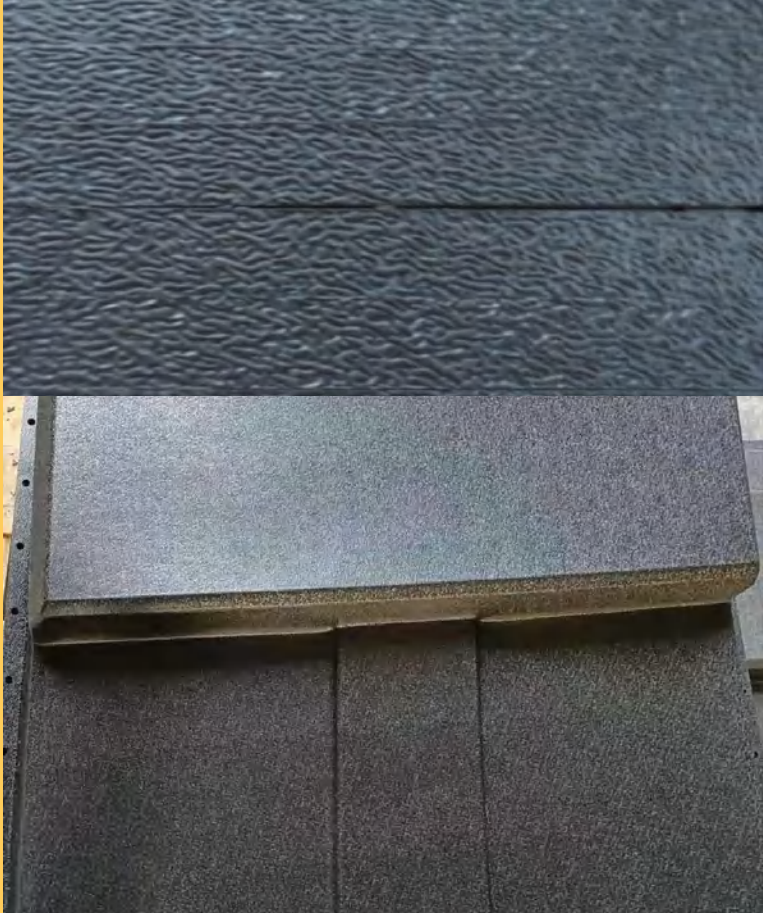
|                              |                 |                 |
|------------------------------|-----------------|-----------------|
| 机型 Model                     | JWS 120/80-1800 | JWS 130/90-2000 |
| 适用原料 Material                | ABS/TPU         | ABS/TPU         |
| 挤出机规格 Extruder Specification | Ø120/38、Ø80/35  | Ø130/38、Ø90/35  |
| 共挤分层形式 Co-extrusion Layer    | A/B、B           | A/B、B           |
| 制品宽度 Products Width          | 1800mm          | 2000mm          |
| 制品厚度 Products Thickness      | 1.5-8mm         | 1.5-8mm         |
| 最大挤出产量 Capacity(Max.)        | 450-550Kg/h     | 700-800Kg/h     |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# 新能源汽车PP阻燃板材 生产线

## New Energy Automotive Flame Retardant Plate Extrusion Line

新能源汽车阻燃板生产线，这种产品主要用于新能源动力汽车密封盖，具备阻燃防火，耐腐蚀性，抗老化和电性能等特点。与传统材料相比较，有重量减轻、延长使用寿命和提高安全性等优点。



New energy vehicle flame retardant plate production line, this product is mainly used for new energy vehicle sealing cover, with flame retardant, fire resistance, corrosion resistance, anti-aging and electrical properties. Compared with traditional materials, it has the advantages of reducing weight, prolonging service life and improving safety.



### 主要技术参数 Main technical parameter

|                              |             |             |
|------------------------------|-------------|-------------|
| 机型 Model                     | JWS 130     | JWS 150     |
| 适用原料 Material                | PP          | PP          |
| 挤出机规格 Extruder Specification | Ø130/38     | Ø150/38     |
| 制品宽度 Products Width          | 1500-1800mm | 1500-1800mm |
| 制品厚度 Products Thickness      | 1-10mm      | 1-10mm      |
| 最大挤出产量 Capacity(Max.)        | 450-550Kg/h | 700-800Kg/h |

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# 新能源电池PC绝缘片材 生产线

## New Energy Battery Insulation Sheet Extrusion Line

随着新能源汽车的发展和普及，对电池外壳的要求也越来越高，需求量也越来越大，为了满足市场需求，海宁金纬凭借着先进的工艺技术和成熟的生产体系，推出了新能源绝缘片材生产线，这种材料具有无卤、无磷、环保，耐高温、易加工等特点，主要应用于新能源电池包装等领域。



With the development and popularization of new energy vehicles, the requirements for battery casings are increasingly high, and the demand is also increasing. In order to meet the market demand, Haining JWELL has launched a new energy insulation sheet production line with advanced technology and mature production system. This material has the characteristics of halogen free, phosphorus free, environmental protection, high temperature resistance, easy processing and so on. Mainly used in new energy battery packaging and other fields.



### 主要技术参数 Main technical parameter

|                              |              |              |
|------------------------------|--------------|--------------|
| 机型 Model                     | JWS 120      | JWS 130      |
| 适用原料 Material                | PC           | PC           |
| 挤出机规格 Extruder Specification | Ø120/38      | Ø130/38      |
| 制品宽度 Products Width          | 1100mm       | 1100mm       |
| 制品厚度 Products Thickness      | 0.125-0.43mm | 0.125-0.43mm |
| 最大挤出产量 Capacity(Max.)        | 400Kg/h      | 500Kg/h      |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

CFRT预浸带复合生产线

CFRT Unidirection Prepreg  
Tape Composite Extrusion Line

连续纤维增强热塑性复合材料——是以热塑性树脂为基体，连续性纤维为增强材料，经过树脂熔融浸渍、挤压等工艺形成的高强度、高刚性、高韧性、可回收的新型热塑性复合材料。

CFRTP-UD单向带：CFRTP单向带为连续纤维经展开铺平并浸渍热塑性树脂再定型后的单层纤维增强热塑性复合材料片材。其特点是纤维彼此间平行排列（0°方向），无交织。产品幅宽300-1500mm可根据需求定制。

复合材料的应用：汽车内外饰件、热塑性缠绕管道、体育休闲、家居建材、运输物流、航空航天。



CFRT热塑性层压板

复合生产线  
CFRT Plate Composite Extrusion Line

CFRT热塑性层压板复合生产线：连续纤维增强带经过特殊的工艺制备出来的热塑性复合板，拥有优良的机械物理性能。板材整体密度仅为钢板1/5、铝板的1/2。

生产流程：由上下两条传送带传递压力并将接触式加热和冷却系统集成一体，复合的材料会被均匀的加热，材料在离开上下带之前被冷却，根据不同工艺要求组合不同的加热区、冷却区长度及压合辊数量，通过控制温度速度和压力，材料会完美地贴合并具有较好的粘接牢固，上下带均匀的间隙和精确的间距调节，保证表面复合材料平整无褶皱，既可实现连续工作。



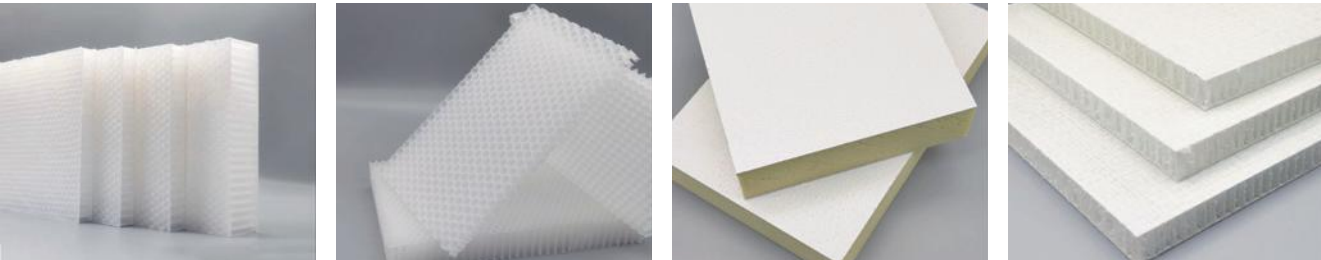
CFRTP (Continuous Fiber Reinforced Thermoplastic composites) ——Is based on thermoplastic resin as matrix and continuous fiber as reinforcement material, a new type of thermoplastic composite material with high strength, high rigidity, high tough ness, and recyclable that is formed through resin melt impregnation, extrusion and other processes.

CFRTP-UD Unidirectional Tape: CFRTP unidirectional tape is a single layer fiber-re inforced thermoplastic composite sheet after the continuous fibers are unrolled and laid and impregnated with a thermoplastic resin. It is characterized by fibers arranged parallel to each other (0° direction) without interlacing. Product width 300-1500mm, can be customized.

Application of composite materials: automotive interior and exterior trims, thermoplastic winding pipes, sports leisure, home build-ing materials, transportation logistics , aerospace.

CFRT thermoplastic laminate composite production line: The thermoplastic composite board prepared by continuous fiber reinforced tape through a special process has excellent mechanical and physical properties. The overall density of the plate is only 1/5 of the steel plate and 1/2 of the aluminum plate.

Production process: The pressure is transmitted by the upper and lower conveyor belts and the contact heating and cooling systems are integrated. The composite material will be heated evenly, and the material will be cooled before leaving the upper and lower belts. According to different technological requirements, different heating zones, the length of the cooling zone and the number of pressing rollers will be combined. The upper and lower belts have uniform clearance and accurate spacing adjustment to ensure that the surface composite material is smooth and wrinkle-free, which can realize continuous work.



主要技术参数 Main technical parameter

|                              |                                                                              |             |              |
|------------------------------|------------------------------------------------------------------------------|-------------|--------------|
| 机型 Model                     | JW-CFRT-360                                                                  | JW-CFRT-630 | JW-CFRT-1270 |
| 制品宽度 Products Width          | 360mm                                                                        | 630mm       | 1270mm       |
| 制品厚度 Products Thickness      | 0.15-0.45mm                                                                  | 0.15-0.45mm | 0.25-0.45mm  |
| 纤维含量 Fiber Content           | 40-70%                                                                       | 40-70%      | 40-70%       |
| 挤出机规格 Extruder Specification | JWS50                                                                        | JWS65       | JWS90        |
| 纱锭数 Number of Spindles       | 96                                                                           | 192         | 384          |
| 基础树脂 Basic Resins            | PP/PE/PET/PA/TPU/PPS/PEEK                                                    |             |              |
| 纤维类型 Fiber Type              | 玻璃纤维、碳纤维、芳纶纤维、玄武岩纤维<br>Glass Fiber, Carbon Fiber, Aramid Fiber, Basalt Fiber |             |              |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

主要技术参数 Main technical parameter

|                         |                                      |            |             |             |             |
|-------------------------|--------------------------------------|------------|-------------|-------------|-------------|
| 机型 Model                | JW-1200                              | JW-1700    | JW-2300     | JW-2700     | JW-3000     |
| 皮带宽度 Belt Width         | 1200mm                               | 1700mm     | 2300mm      | 2700mm      | 3000mm      |
| 制品宽度 Products Width     | 600-1000mm                           | 900-1440mm | 1440-1850mm | 1850-2400mm | 2200-2700mm |
| 制品厚度 Products Thickness | 8-50mm                               | 8-50mm     | 8-50mm      | 8-50mm      | 8-30mm      |
| 加热区长度 Heating Length    | 1500mm                               | 1500mm     | 2500-3000mm | 2500-3500mm | 2500-4000mm |
| 生产线速度 Line Speed        | 5m/min                               | 5m/min     | 5m/min      | 5m/min      | 5m/min      |
| 加热方式 Heating Mode       | 电加热 Electric Heating 油加热 Oil Heating |            |             |             |             |

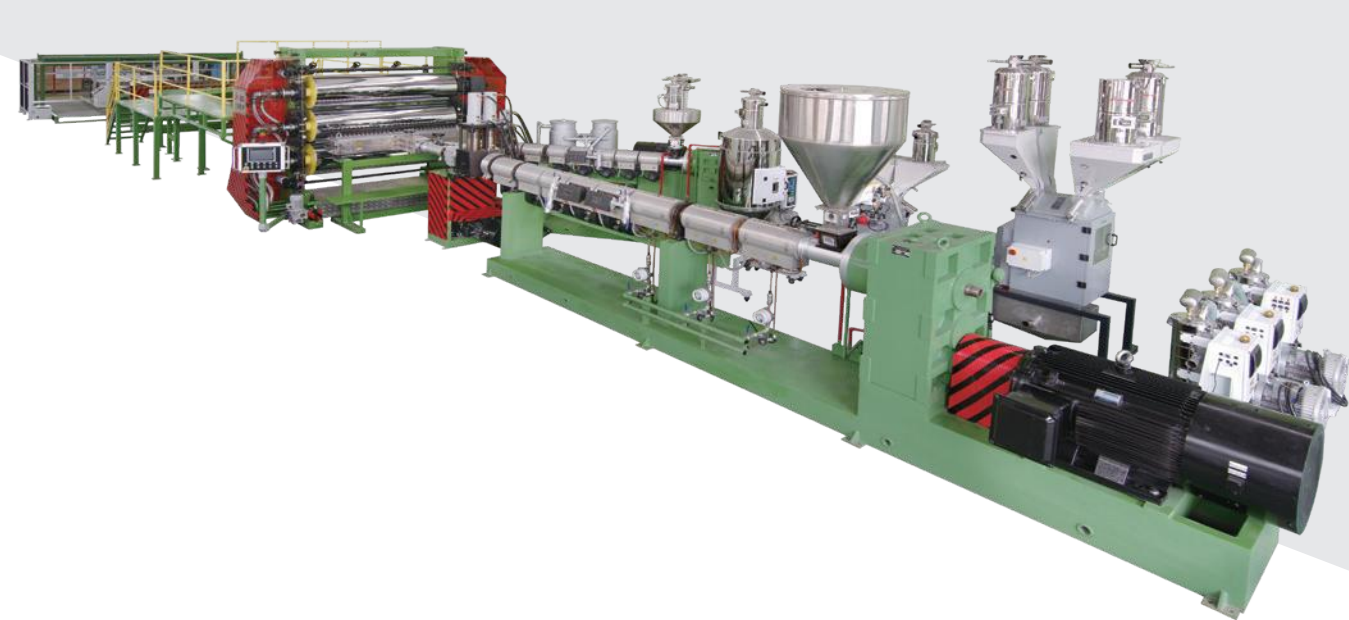
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# HDPE 车用衬板复合生产线

## Automotive Liner Plate Composite Plate Extrusion Line

海宁金纬提供的先进螺杆挤出系统，适用于熔指更低、强度更高的高分子量聚乙烯HMW-HDPE，板材主要用于汽车车厢、皮卡货箱内衬、汽车货箱顶盖及防雨棚等。在保证板材同等强度的情况下可减少30%以上的产品厚度，为客户大幅降低材料成本。产品厚度1.5-12mm，宽度1300-1800mm。

The advanced screw extrusion system provided by Haining JWELL is suitable for HMW-HDPE material with lower MFI and higher strength. The plate is mainly used in the aito carriage board, the pick-up's box liner, cover of truck, anti-rain cover etc. The plate thickness can reduce more than 30% when it has same impact strength, it reduce the production cost for manufacturers. Plate thickness 1.5-12mm, width 1300-1800mm.



主要技术参数 Main technical parameter

|                              |             |             |
|------------------------------|-------------|-------------|
| 型号 Model                     | JWS120-1300 | JWS130-1800 |
| 适用原料 Material                | HDPE        | HDPE        |
| 挤出机规格 Extruder Specification | Ø120/38     | Ø130/38     |
| 制品宽度 Products Width          | 1300mm      | 1800mm      |
| 制品厚度 Products Thickness      | 1.5-12mm    | 1.5-12mm    |
| 最大挤出产量 Capacity (Max.)       | 350-400Kg/h | 450~500Kg/h |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# CFRT 复合材料的应用

## CFRT Materials Application

### 汽车行业 Automotive Industry

- 房车内饰板、房车床板  
RV inner partition,  
RV bed board
  - CFRT复合板  
CFRT composite plate
- 客车内顶板  
Inside roof of bus
  - PVC皮纹膜 + CFRT + 泡沫芯  
+ CFRT + 无纺布  
PVC leather film + CFRT + foam core  
+ CFRT + non-woven fabric
- 小汽车备胎箱盖板  
Spare tire box cover
  - 无纺布 + CFRT + PP蜂窝 + CFRT + 无纺布  
Non-woven fabric + CFRT+ PP honeycomb  
+ CFRT+ non-woven fabric



### 冷链运输 Cold Chain Transport

- 特种冷藏集装箱  
Special reefer container
  - 内侧板、内顶板、防磨板  
Inner side plate, inner top plate, anti-friction plate
- 标准冷藏集装箱  
Standard reefer container
  - 内顶板  
Inner top plate



XPE、IXPE交联聚乙烯发泡卷材 >>>>>  
生产线 XPE, IXPE Foaming Sheet Extrusion Line

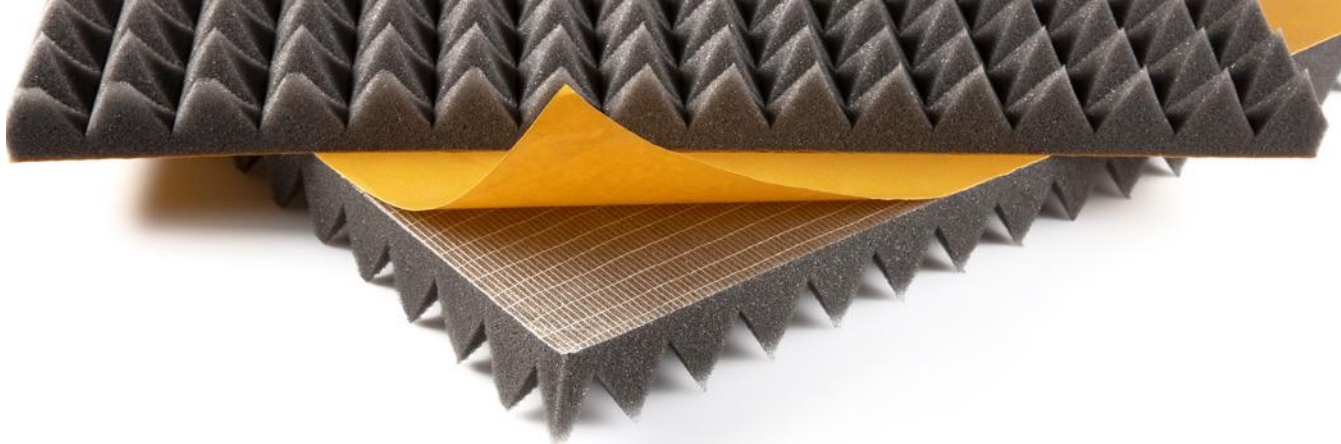
将XPE片材经过水平发泡炉高温发泡制作成发泡片材  
XPE sheet is processed into foaming sheet through  
horizontal foaming furnace



XPE 水平式发泡炉生产线技术参数 Horizontal foaming line data

|                        |             |             |             |
|------------------------|-------------|-------------|-------------|
| 发泡炉宽 Furnace width     | 2700mm      | 3000mm      | 3800mm      |
| 制品宽度 Product width     | 1100-1500mm | 1500-2000mm | 2000-2800mm |
| 制品厚度 Product thickness | 4-12mm      | 4-12mm      | 4-12mm      |
| 燃烧器规格 Burner           | 600×10³Kcal | 600×10³Kcal | 800×10³Kcal |
| 发泡倍率 Foaming ratio     | 5-40        | 5-40        | 5-40        |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.



将IXPE片材经过垂直发泡炉高温发泡制作成发泡片材  
IXPE sheet is made into foaming sheet through vertical  
foaming furnace



IXPE 垂直式发泡炉生产线技术参数 Vertical foaming line data

|                        |                   |                     |
|------------------------|-------------------|---------------------|
| 加热类型 Heating type      | 天然气加热 LNG/PNG/LPG | 电加热Electric heating |
| 制品宽度 Product width     | 1000-1500mm       | 1000-1500mm         |
| 制品厚度 Product thickness | 0.8-4mm           | 1-4mm               |
| 装机功率 Installed power   | 70KW              | 300KW               |
| 发泡速度 Linear velocity   | 10-18m/min        | 6-10m/min           |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# LFT/FRP连续纤维增强 复合材料生产线

## LFT/FRP Continuous Fiber Reinforced Composite Extrusion Line

连续纤维增强复合材料是由增强纤维材料：玻璃纤维(GF)、碳纤维(CF)、芳纶纤维(AF)、超高分子量聚乙烯纤维(UHMW-PE)、玄武岩纤维(BF)等，通过特有工艺技术使得高强度的连续纤维与热塑性、热固性树脂相互间浸渍，再经过挤压、牵伸等工艺形成的高强度、高韧性、可回收的新型热塑性复合材料；常用的树脂基体有PET、ABS、PP、PC、PA、PPS、POM等环保型热塑性材料。

产品应用：军工、航天、船舶、汽车轻量化、电子、风电、建筑、医疗、体育休闲等领域。

Continuous fiber reinforced composite material is made of reinforced fiber material: glass fiber(GF), carbon fiber(CF), aramid fiber(AF), ultra high molecular polyethylene fiber(UHMW-PE), basalt fiber(BF) by using special process technology to makes high strength continuous fiber and thermal plastic&thermosetting resin soak with each other. Then extrusion and drawing process are used to form the high strength, high toughness and recyclable thermalplastic resin composite material .commonly used plastic are PET, ABS, PP, PC, PA, PPS, POM and other environmentally friendly thermoplastic materials.

Product application: Military, spaceflight, ships, automotive light weight, electronics, wind and electricity, construction, medical, sports and leisure and other fields.



主要技术参数 Main technical parameter

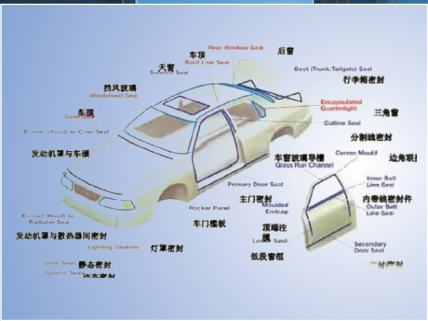
| 机型<br>Model | 制品宽度<br>Products width(mm) | 制品厚度<br>Products thickness(mm) | 最大速度<br>Max.speed(m/min) |
|-------------|----------------------------|--------------------------------|--------------------------|
| JWS-1800    | 1200-1600                  | 0.1-0.8                        | 12                       |
| JWS-3000    | 2000-2500                  | 0.1-0.8                        | 12                       |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# TPO/IXPP复合卷材生产线

## TPO/IXPP Composite Sheet Extrusion Line

金纬机械研制开发的TPO+PP发泡基材复合生产线，采用特殊结构的TPO螺杆，塑化均匀，结合独特的复合工艺，复合的产品粘合强度高，无拉伸变形，无甲醛，是金纬公司针对汽车内饰材料领域推出的又一个国内领先的复合生产线，此复合材料具有操作灵活，复合效率高，对TPO表层纹路一次处理完成等优点，与基材一次热压成型复合的制品，完全颠覆了以往的复合方式，制品被广泛应用于高档汽车的内饰件，顶棚，管路等等。



It is successfully developed by Jwell Machinery,adopts special structure of TPO screw,plasticizing evenly,unique composite processing method,composite products have high bonding strength, No tensile deformation ,formaldehyde-free, it is Jwell' s company according to car interior materials' s field recommends another domestic advanced composite sheet production line, this composite material has flexible operation,high efficiency of compositing, with the advantage to complete the treatment of the TPO surface layer' s lines once time, with the basic material to hot pressing and compositing together once time,it is total different from past composite method,this product is widely applied in high class inner decoration、ceiling 、pipe of the car , and so on.

主要技术参数 Main technical parameter

|                           |          |          |
|---------------------------|----------|----------|
| 机型 Model                  | JW100/33 | JW120/33 |
| 复合厚度 Products thickness   | 0.5mm    | 0.5mm    |
| 制品宽度 Products width       | 1000mm   | 1500mm   |
| 最大挤出量 Max output capacity | 120KG/h  | 220KG/h  |
| 主机功率 Main motor power     | 55KW     | 132KW    |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# PVC/TPU/TPE汽车密封条 生产线 >>>>>

## PVC/TPU/TPE Automotive Seal Profile Extrusion Line

该生产线主要用于加工 PVC、TPU、TPE 等不同材料的密封条，性能稳定产量高、能耗低等特点。主机采用进口交流变频调速，西门子显示屏，操作简单，维护方便。

The machine is used for producing sealing strip of PVC, TPU, TPE etc material, features hiah output, steady extrusion, low power consuption. Adapting famous inverter, SIEMENS PLC and screen, easy operation and maintenance.



### 主要技术参数 Main technical parameter

|                                |          |          |
|--------------------------------|----------|----------|
| 机型 Model                       | JWS45/25 | JWS65/25 |
| 主机马达 Motor power (kw)          | 7.5      | 18.5     |
| 最大挤出量 Output (kg/h)            | 15-25    | 40-60    |
| 冷却水用量 Cooling water (m³/h)     | 3        | 4        |
| 压缩空气用量 Compressor air (m³/min) | 0.6      | 0.6      |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# JWZ-BM30/50/100/160中空成型机 >>>>>

## JWZ-BM30/50/100/160 Blow Molding Machine

### 性能和优点

- 适用于生产各种规格汽车尿素箱、随车工具包、汽车座椅、风道风管、导流板、保险杠、尾翼等产品
- 采用高产量挤出系统，储料式模头
- 按照原料情况，可选配JW-DB板式单工位液压换网系统
- 可根据制品大小定制模板规格尺寸
- 可选配液压伺服控制系统
- 选配下包封、机械手

### Performance and advantages

- Suitable for producing different kinds of car urea box, tool box, automotive seat, auto air duct, auto flow board, bumper and car spoilers.
- Adopt high output extrusion system,accumulating die head.
- According to the different material, optional JW-DB single station hydraulic screen-exchanger system.
- According to the different product size, customized the platen type and size.
- Optimal hydraulic servo control system.
- Optimal bottom sealing,take-out robot.



### 主要技术参数 Main technical parameter

| 名称     | Model                          | Unit                  | BM30        | BM50        | BM100       | BM160     |
|--------|--------------------------------|-----------------------|-------------|-------------|-------------|-----------|
| 制品最大容积 | Max product volume             | L                     | 30          | 50          | 100         | 160       |
| 机器空循环  | Dry cycle                      | Pc/h                  | 600         | 450         | 360         | 300       |
| 机头结构   | Die head structure             | 储料式 Accumulating Type |             |             |             |           |
| 主螺杆直径  | Main screw diameter            | mm                    | 80          | 90          | 100         | 100       |
| 最大塑化能力 | Max plasticizing capacity (PE) | kg/h                  | 120         | 180         | 190         | 240       |
| 绞料电机功率 | Driving motor                  | Kw                    | 37          | 45          | 55          | 90        |
| 储料缸容量  | Accumulating volume            | L                     | 5.2         | 6.2         | 12.8        | 18        |
| 油泵电机功率 | Oil pump motor power           | Kw                    | 15          | 18.5        | 22          | 22        |
| 锁模力    | Clamping force                 | KN                    | 280         | 400         | 600         | 800       |
| 模板开距   | Space between platen           | mm                    | 400-900     | 450-1200    | 500-1300    | 500-1400  |
| 模板尺寸   | Platen size W*H                | mm                    | 740*740     | 880*880     | 1020*1000   | 1120*1200 |
| 最大模具尺寸 | Max.mould size                 | mm                    | 550*650     | 700*850     | 800*1200    | 900*1450  |
| 机头加热功率 | Heating power of die head      | Kw                    | 20          | 28          | 30          | 30        |
| 机器外形尺寸 | Machine dimension L*W*H        | m                     | 4.3*2.2*3.5 | 5.6*2.4*3.8 | 5.5*2.5*4.0 | 7*3.5*4   |
| 机器总重量  | Machine weight                 | T                     | 12          | 13.5        | 16          | 20        |
| 装机总功率  | Total power                    | Kw                    | 95          | 110         | 135         | 172       |

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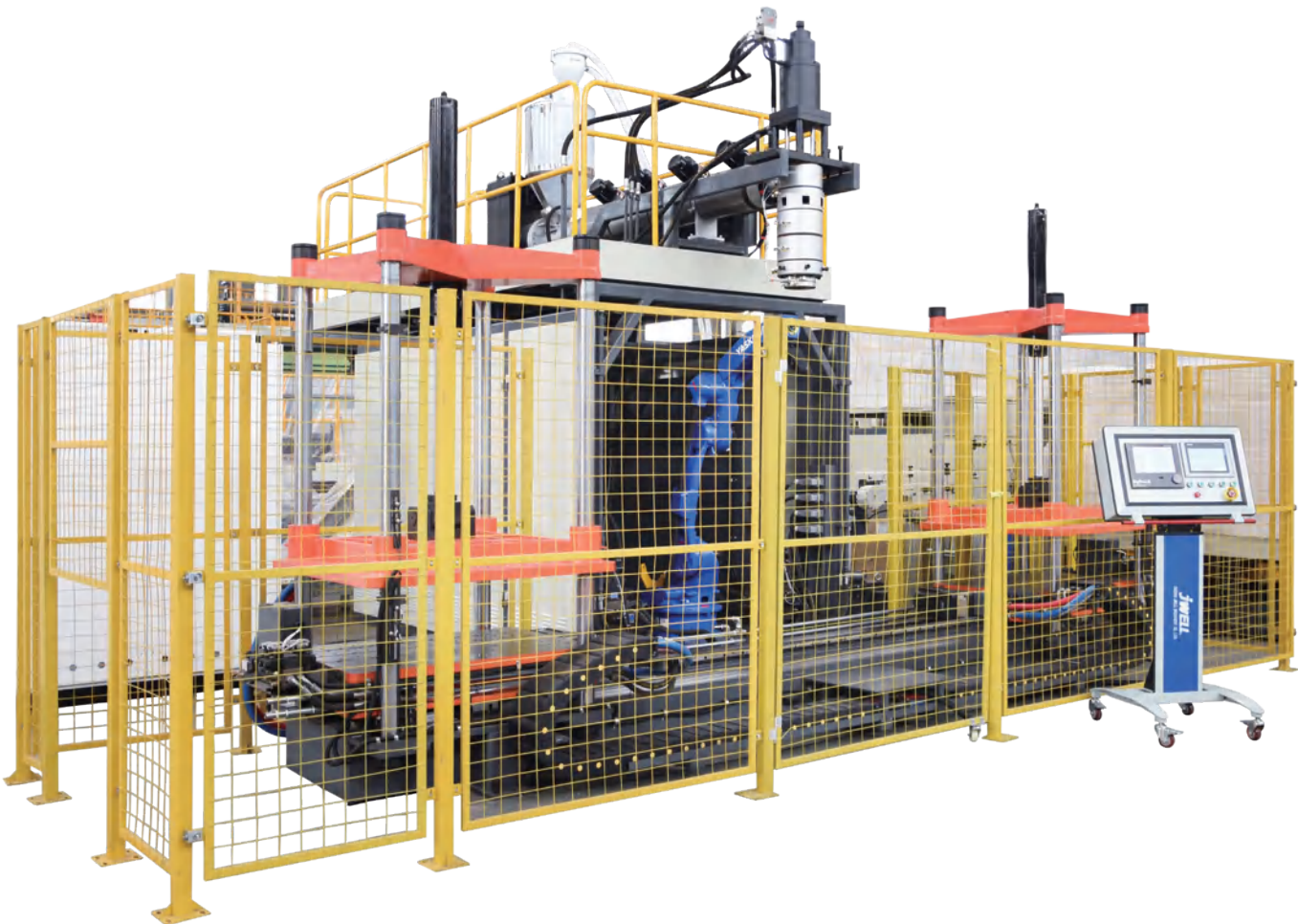
JWZ-BM 3D-1000**三维中空成型机** >>>>>>  
JWZ-BM3D-1000 Three-dimensional Blow  
Molding Machine

性能和优点

- 适用于生产各种异形管件制品，如汽车进气管、注油管等
- 产品无飞边或少飞边，增加制品强度
- 采用高产量挤出系统，储料式模头

Performance and advantages

- Suitable for producing different Car shaped pipe fittings products, like the automotive oil filler pipe, air ducts pipe and others.
- Finished product less or without scrap for strong strength.
- Adopt high output extrusion system, accumulating die head.



主要技术参数 Main technical parameter

|        |                                |      |                       |
|--------|--------------------------------|------|-----------------------|
| 名称     | Model                          | Unit | BM3D-1000             |
| 制品最大容积 | Max product volume             | L    | 180                   |
| 机器空循环  | Dry cycle                      | Pc/h | 储料式 Accumulating type |
| 机头结构   | Die head structure             |      | 65                    |
| 主螺杆直径  | Main screw diameter            | mm   | 70                    |
| 最大塑化能力 | Max plasticizing capacity (PE) | kg/h | 22                    |
| 绞料电机功率 | Driving motor                  | Kw   | 2.5                   |
| 储料缸容量  | Accumulating volume            | L    | 15                    |
| 油泵电机功率 | Oil pump motor power           | Kw   | 75                    |
| 锁模力    | Clamping force                 | KN   | 300-1100              |
| 模板开距   | Space between platen           | mm   | 800*1200              |
| 模板尺寸   | Platen size W*H                | mm   | 600*1100              |
| 最大模具尺寸 | Max.mould size                 | mm   | 1800                  |
| 机头加热功率 | Heating power of die head      | Kw   | 10.7                  |
| 机器外形尺寸 | Machine dimension L*W*H        | m    | 5.4*4.3*3.4           |
| 机器总重量  | Machine weight                 | T    | 10.5                  |
| 装机总功率  | Total power                    | Kw   | 63                    |

备注：以上规格参数如有变更，恕不另行通知。 Note: The specifications are subject to change without prior notice.

# 3D打印耗材、专用汽车小管挤出生产线 >>>>>

## 3D Printing Wire/Automotive Tiny Tube Extrusion Line

### 性能和优点

常州金纬管道公司自主设计研发的该类生产线用于加工3D耗材，汽车用管，气管等产品。通过配套不同结构的螺杆机筒可满足PE、PP、PA、FPVC、PU、PLA、ABS等为原材料的管材或者棒材的高速挤出。具有生产速度快，精准度高，易操作和方便维修等特点。最小化的生产废料，减小运行成本，减小占地，是客户首选的多功能设备。

### Performance and advantages

Those serial of extrusion machines are researched and developed independently by Changzhou JWELL Pipe Equipment Co., Ltd, and specially used for make 3D printing wires, car small oil pipe, air pipe. Equipped with different kind of barrel and screws, such extrusion machines can suitable for PE, PP, PA, FPVC, PU, PLA, ABS etc, many kind of materials pipe, rod, wire high speed extrusion. Those small machines speed fast, accurate, easy to handle, waste less raw material, running cost low, cover small space and preferred by many customers.



主要技术参数 Main technical parameter

| 型号<br>Type | 生产管材直径<br>Pipe diameter | 挤出机<br>Extruder | 最大生产速度<br>Max speed | 总功率<br>Total power |
|------------|-------------------------|-----------------|---------------------|--------------------|
| JWS-PA-18  | 3-18mm                  | JWS45/30        | 35m/min             | 40KW               |
| JWS-PLA-3A | 1-3mm                   | JWS30/28        | 50m/min             | 25KW               |
| JWS-PLA-3B | 1-3mm                   | JWS45/30        | 120m/min            | 40KW               |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.

# PA/PP/PE小口径单壁波纹管生产线 >>>>>

## PA/PP/PE Small diameter Single Wall Corrugated Pipe Extrusion Line

### 性能和优点

该系列生产线适用于PP/PE/PA等为原料的小口径单壁波纹管生产，特制模具一次成型，制品管壁外表光滑细腻，波纹清晰均匀。广泛应用于电线电缆穿线管，汽车内部线路保护管、混凝土专用管、农田暗管等领域。

### Performance and advantages

This series production line is suitable for the production of small-diameter single-wall corrugated pipe with raw materials such as PP/PE/PA. The special mold can be molded at one time. The surface of the product pipe is smooth and delicate, and the ripple is clear and uniform. Widely used in wire and cable threading pipe, automotive interior circuit protection pipe, concrete pipe, farmland pipe and other fields.



### 主要技术参数 Main technical parameter

| 型号<br>Type  | 挤出机<br>Extruder | 主电机功率<br>Main Motor | 生产线速度<br>Line Speed |
|-------------|-----------------|---------------------|---------------------|
| JWDBW 16-32 | 45/28           | 15KW                | 24m/min             |
| JWDBW 16-50 | 65/28           | 30KW                | 20m/min             |

备注：以上规格参数如有变更，恕不另行通知。Note: The specifications are subject to change without prior notice.





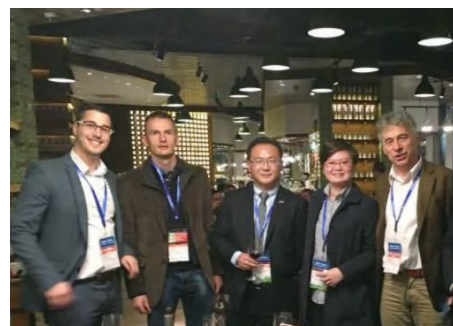
**品质管理**

QUALITY CONTROL



**技术研发**

TECHNOLOGY RESEARCH



**国际交流**

INTERNATIONAL COMMUNICATION



**客户服务**

CUSTOMER SERVICE



**员工培训**

STAFF TRAINING



24小时服务  
24 Hours Service



客户服务热线  
Customer Service  
Hotline



培训  
Training



交钥匙工程  
Turn-Key Project