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苏州金纬片板膜智能装备有限公司

CHINA JWELL INTELLIGENT MACHINERY CO., LTD.

地址：江苏省苏州市太仓城厢工业园东安路18 号

电话：0512-53377158 13962629288 13918873811 15806226128

Add: No.18, Dong′ an Road, Chengxiang Industrial zone, Taicang, Suzhou city, China

Tel: +86-512-53377158 +86-15806221882 +86-13732611288

www.jwell.cn www.chinajwell.com E-mail: saldi@jwell.cn

邮编(p.c): 215400

传真 (Fax): 0512-53377399

Post code: 215400

Fax: 86-512-53377399

E-mail: sales@jwell.cn

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TPU薄膜生产线系列

TPU FILM PRODUCTION LINE SERIES

ISO9001:2015

苏州金纬片板膜智能装备有限公司

CHINA JWELL INTELLIGENT MACHINERY CO., LTD.

金纬机械苏州厂区

SHEET, PLATE&FILM EQUIPMENT

苏州金纬片板膜智能装备有限公司是上海金纬公司的又一重要发展战略中心，其坐落于苏州市太仓城厢工业园，是一家致力于塑料挤出成型设备的研发、制造的高科技厂家。厂区占地面积300余亩，公司拥有职工1000余人，其中技术管理人员280多名；公司拥有一支高素质的研发队伍和经验丰富的机械、电气调试工程师团队，以及先进的机械加工基地和规范的装配车间。每年生产1000多(台)套高档的塑料挤出生产线。公司本着“用心持久、拼搏创新”的企业精神，不断探求挤出新领域的开拓。热烈欢迎国内外新老客户莅临我司参观、指导、合作、我们愿为您提供强有力的支持。

China JWELL Intelligent Machinery Co., Ltd. is another development strategy center of Shanghai JWELL Machinery Co.,Ltd. Locating at Chengxiang Industrial town Taicang city, a high-tech manufacturer specializing in research and development of plastic extrusion equipment. The factory area is of 300 acres, more than 1000 staff and 280 technical and management employees;We have a high qualified R&D and experienced mechanical and electrical engineer team as well as advanced processing foundation and normative assembly shop. We supply more than 1000 high class (sets)lines annually . Our enterprise spirit is "Attentive, Enduring, Quick and Orderly" , keeping on exploring of new extrusion field. Warmly welcome new and old customers to visit us for investigation, guidance and cooperation. We are happy to offer powerful support for you!

公司产品已遍布全国各地，并出口到德国、俄罗斯、意大利、西班牙、日本、印度、韩国、印尼、中东、非洲和南美洲等100多个国家和地区，深受客户好评。

Our customers are all over China, and we have customers in Germany, Russia, Italy, Spain,Japan, India, Korea, Indonesia, Middle East, South America and other countries and areas. Our machines are`well accepted by our customers.

“品质卓越 完美如一”

是金纬公司的质量方针，是全体员工努力的方向。

“诚实待人”

是我们铸就“百年金纬”的核心理念。

" Excellent Quality, Perfect All" is Jwell's quality policy, and all staff's working direction.

" Be honest" is the core idea for us to contribute " Century JWELL"

董事长：何海湖 Email：he@jwell.cn

President:He Haichao Mobile/WhatsApp +86 13601628188

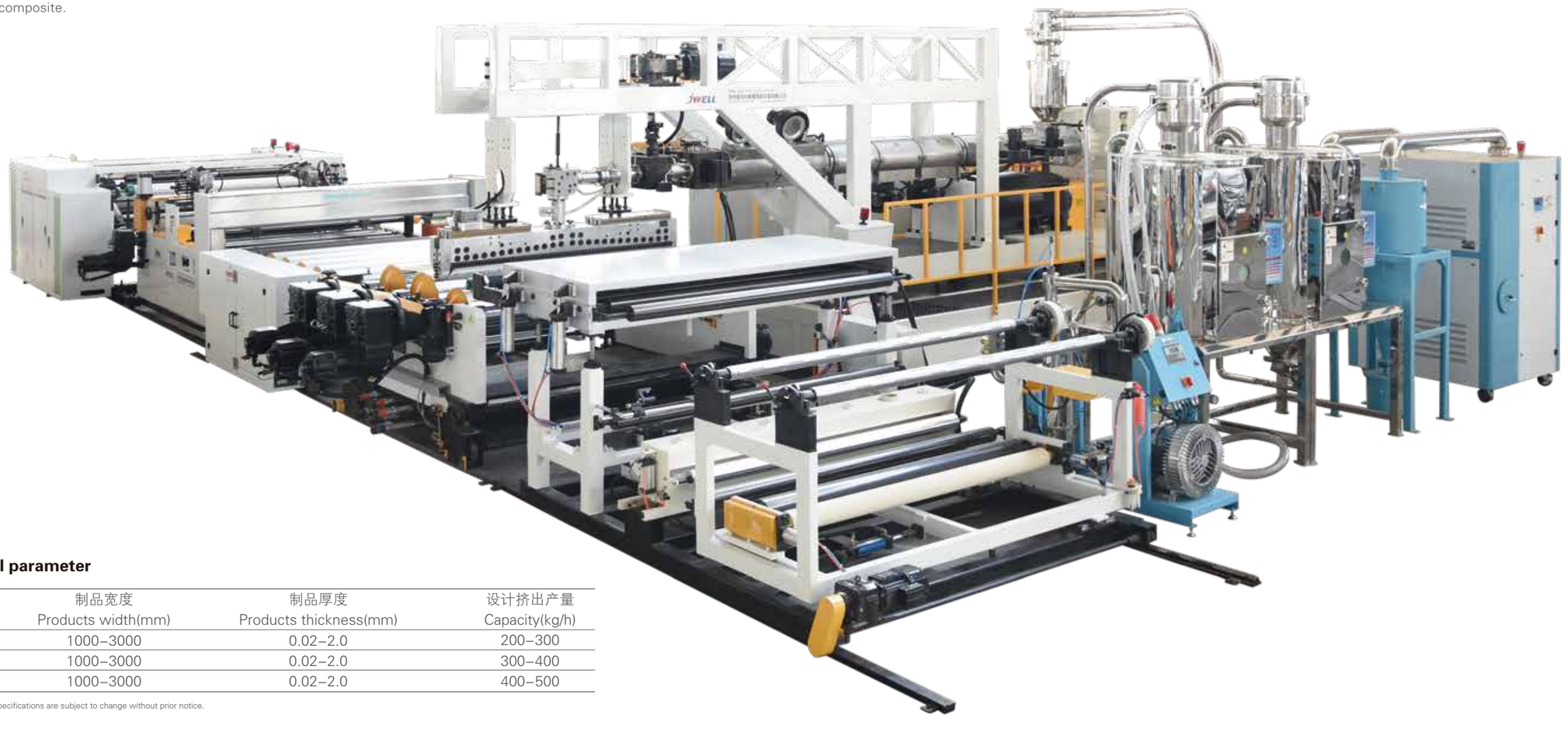
TPU薄膜生产线
TPU Film Production Line

TPU材料为热塑性聚氨酯，分为聚酯和聚醚两大类型，TPU薄膜拥有卓越的高张力、高弹性、高耐磨和耐老化的特性，并且具有环保无毒、防霉抗菌、生物相容等优良特性，广泛用于鞋材、成衣、充气玩具、水上及水下运动器材、医疗器械、健身器材、汽车座椅材料、雨伞、箱包、包装材料等，并且也可以应用在光学和军工领域。

本生产线采用高速挤出压延、流延成型方式，产品品质优良可控，产品厚度0.01–2.0mm范围，宽度1000–3000mm，适用于各种颜色透明、磨砂、雾面、多层复合的TPU膜片产品系列。

TPU material is thermoplastic polyurethane, which can be divided into polyester and polyether. TPU film has excellent characteristics of high tension, high elasticity, high wear resistance and aging resistance, and has the excellent characteristics of environmental protection, non–toxic, mildew proof and antibacterial, biocompatibility, etc. It is widely used in shoes, clothing, inflatable toys, water and underwater sports equipment, medical equipment, fitness equipment, car seat materials, umbrellas, bags, packaging materials, and can also be used in optical and military fields.

This production line adopts high–speed extrusion calendering and casting. The product quality is excellent and controllable. The thickness of the product is 0.01–2.0 mm, and the width is 1000–3000 mm. It is suitable for TPU film products with transparent color, frosting, fog surface and multilayer composite.



主要技术参数 Main technical parameter

机型 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	设计挤出产量 Capacity(kg/h)
JWS120/36	1000–3000	0.02–2.0	200–300
JWS130/36	1000–3000	0.02–2.0	300–400
JWS150/36	1000–3000	0.02–2.0	400–500

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.

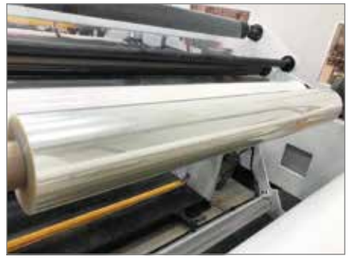
TPU隐形车衣膜生产线
TPU Invisible Car Clothing Production Line

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 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	设计挤出产量 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流延复合生产线
TPU Casting Composite Film Production Line

TPU复合面料就是用TPU薄膜复合在各种面料上形成一种复合材料，结合两者的特性得到一种新型面料，应用于服装鞋材、运动健身器材、充气玩具等各种在线复合类型的材料。

本生产线采用一步法流延复合方式，生产线具备高速自动化功能，实现单面或双面在线复合成型方式，取代传统线下二次、三次的复合的形式，减少产品生产作业工序，大幅降低生产成本和提高生产效率，同时也提高了复合强度和产品品质。

TPU composite fabric is a kind of composite material formed by TPU film composite on various fabrics. Combined with the characteristics of the two different materials, a new fabric is obtained, which can be used in various online composite materials such as clothing and footwear materials, sports fitness equipment, inflatable toys, etc.

The production line adopts one–step casting and laminating mode. The production line has high–speed automation function, and realizes single–sided or double–sided online composite forming mode, replacing the traditional offline two–step and three–step composite forming mode, reducing product production process, greatly reducing production cost and improving production efficiency, and at the same time improving composite strength and product quality.

主要技术参数 Main technical parameter

机型 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	设计挤出产量 Capacity(kg/h)
JWS120/36	1000–3000	0.02–2.0	200–300
JWS120+JWS75	1000–3000	0.02–2.0	250–350
JWS130/36	1000–3000	0.02–2.0	300–400
JWS150/36	1000–3000	0.02–2.0	400–500

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高低温膜/高弹膜生产线

TPU High and Low Temperature Film / High Elastic Film Production Line

TPU高低温膜因其柔软、亲肤、高弹性、立体感、使用方便等特性，被广泛应用于鞋材、服饰、箱包、防水拉链等各种纺织面料上，例如：运动鞋业的鞋面、鞋舌标、商标及装饰配件、箱包的背带、反光安全标、LOGO等。

TPU高弹膜因其优良的弹性和粘合强度，广泛应用于高档无痕内衣、无痕运动衣等无缝线车缝的织物面料。

本生产线采用两台或三台挤出机模内共挤的设计，特殊设计的隔温模头，每层温度可自由独立控制，从而实现不同材料、不同工艺温度的一步法共挤方式，满足多种材质的多样化组合产品的生产，解决以往因材料性能和温度差异大，不能同时共挤的局限。

TPU high and low temperature film, due to its soft, skin–friendly, high elasticity, three–dimensional sense, easy to use and other characteristics, is widely used in footwear, clothing, luggage, waterproof zipper and other textile fabrics, such as: sports footwear industry vamp, shoe tongue label, trademark and decorative accessories, luggage strap, reflective safety label, LOGO and so on.

Due to its excellent elasticity and bonding strength, TPU high elastic film is widely used in top–grade seamless underwear, seamless sportswear and other non–sutured fabrics.

The production line adopts two or three extruders with inner co–extrusion design technology die head. Due to a specially designed thermal insulation die head, each layer temperature can be free and independent controllled. In order to reach the one step co–extrusion of different materials or different process temperature materials, meet the production of diversified combination products of various materials and solve the limitation that normal co–extrusion technology can not make such kind film at the same time due to the large difference of material properties and temperature, the temperature of each layer can be controlled independently with this special design of thermal insulation die.

主要技术参数 Main technical parameter

机型 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	设计挤出产量 Capacity(kg/h)
JWS75/JWS120	1000–3000	0.02–2.0	300–350
JWS90/JWS90/JWS90	1000–3000	0.02–2.0	200–300
JWS65/JWS120/JWS65	1000–3000	0.02–2.0	300–400

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多组流延复合生产线
TPU Multi–group Casting Composite Film Production Line

TPU多组流延复合材料是将多层面料经过多组分步流延联线复合的方式，实现3–5层不同材质的复合的一种材料，表面成型美观，并可做出不同纹路。其具备优越的强度、耐磨性、安全环保性能，应用于气胀式救生衣、潜水BC夹克、救生筏、气垫船、充气帐篷、、充气水袋、军用充气自膨胀床垫、按摩气囊、医疗防护、工业输送带和专业防水背包等高强度特殊复合的产品。

本生产线采用多台挤出机及多套放卷装置，分步流延成型，并实现联线一步复合成型，可配备在线多组测厚控制，生产线设计多种不同复合方式组合，一条生产线可实现多种产品形式的生产工艺。对于特殊的一些面料，可与面料预处理涂胶生产线同步联线对接，满足客户不同产品的生产需求。

TPU multi–group casting composite material is a kind of material which can realize 3–5 layers of different materials by multi–step casting and online combination. It has beautiful surface and can make different patterns. It has superior strength, wear resistance, safety and environmental protection performance. It is used in inflatable life jacket, diving BC jacket, life raft, hovercraft, inflatable tent, inflatable water bag, military inflatable self expansion mattress, massage air bag, medical protection, industrial conveyor belt and professional waterproof backpack.

This production line adopts multiple extruders and multiple sets of unwinding devices, step by step flow casting forming, and realizes one–step composite forming, which can be equipped with on–line multi–group thickness measurement control. The production line designs various composite methods and one production line can realize various production processes of product forms.For some special fabrics, it can be connected with the fabric pretreatment and gluing production line synchronously to meet the production needs of customers for different products.

主要技术参数 Main technical parameter

机型 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	设计挤出产量 Capacity(kg/h)
JWS120/JWS120	1000–3000	0.02–2.0	400–600
JWS90/JWS90/JWS90	1000–3000	0.02–2.0	250–350
JWS90/JWS120/JWS90	1000–3000	0.02–2.0	350–450

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.

企业风采：品质管理 技术研发 国际交流 客户服务 员工培训

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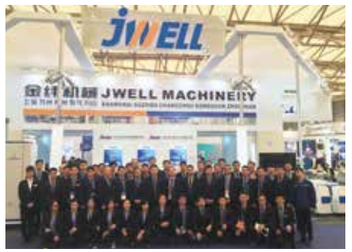

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