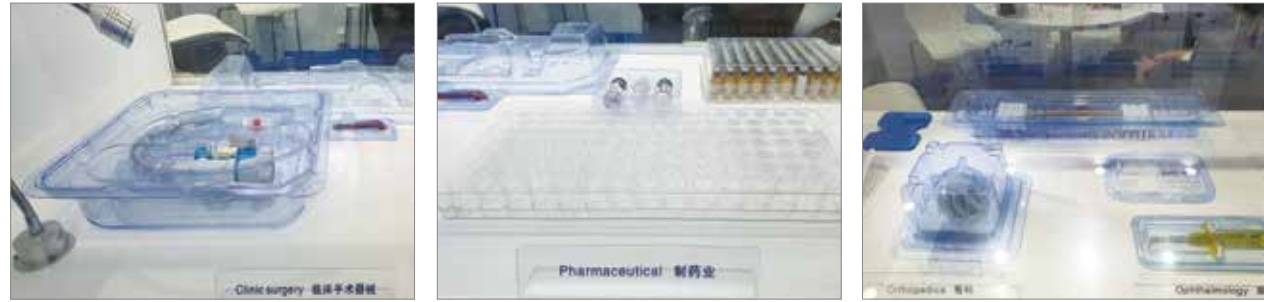


医用包装材料生产线
Medical Packaging Material Extrusion Line

医用包装材料生产线：金纬公司推出的双螺杆免干燥排气型PET医用包装材料生产线具有低能耗、工艺简单，设备使用维护方便的特点。其特有的螺杆组合结构有效的减少了PET树脂的粘度降，对称式薄壁型辊筒提高了冷却效率同时提升了产能和片材品质，多组分喂料装置可合理的控制新料、回料、色母等的比例。所生产的片材可用于医用包装等领域，比如临床手术器械包装，制药业包装，周转托盘，骨科和眼科器械包装等。

Medical packaging material extrusion line: JWELL develops the parallel twin screw extrusion line for PET medical packaging sheet, this line equipped with degassing system, and no need drying and crystallizing unit. The extrusion line has the properties of low energy consumption, simple production process and easy maintenance. The segmented screw structure can reduce the viscosity loss of PET resin, the symmetrical and thin-wall calender roller heighten the cooling effect and improve the capacity and sheet quality. Multi components dosing feeder can control the percentage of virgin material, recycling material and master batch precisely. The sheet is widely used for medical packaging industry. For example: Packaging for Clinic surgery, Pharmaceutical, Handling trays, Orthopedics, Ophthalmology and so on.



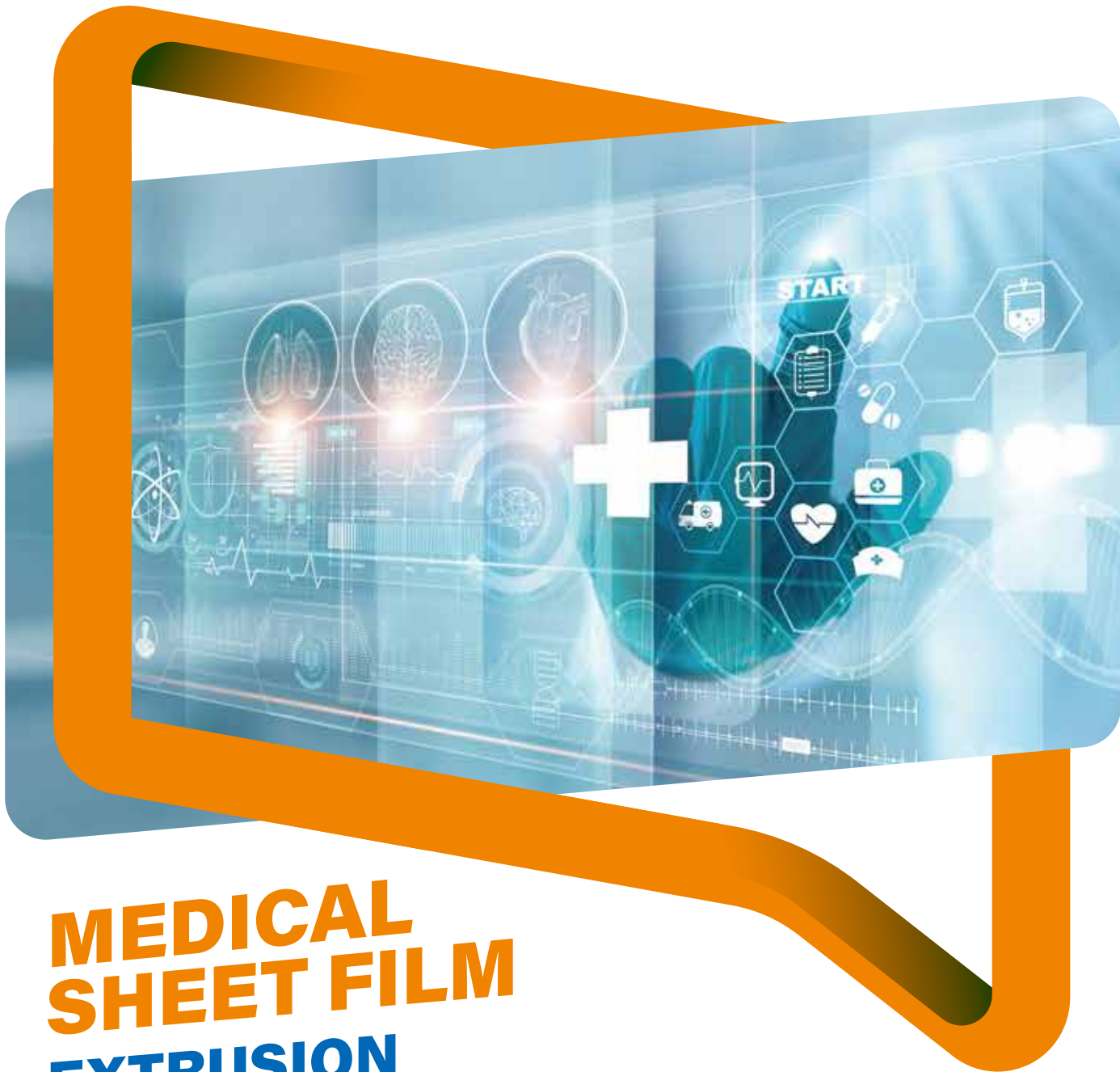
主要技术参数 Main technical parameter

机型 Model	挤出机规格 Extruder model	制品厚度 Products thickness(mm)	主电机功率 Main motor power(kw)	最大挤出产量 Max extrusion Capacity(kg/h)
共挤线 Multi layer	JWE75/40+JWE52/40-1000	0.15-1.5	132/15	500-600
单层线 Single layer	JWE75/40-1000	0.15-1.5	160	450-550
高效 Highly-efficient	JWE95/44+JWE65/44-1500	0.15-1.5	250/75	1000-1200

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.



版本号Edition No.: 2022.06



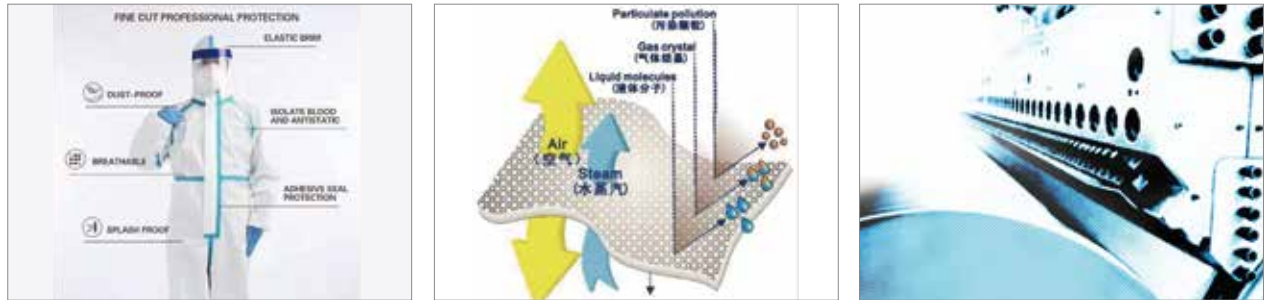
医用片材&薄膜挤出

金纬机械
JWELL MACHINERY

PE透气薄膜生产线
PE Breathable Film Production Line

该生产线以PE透气胶粒为原料，采用挤出流延法，将含无机填料的PE改性透气粒子通过熔融挤出，模具成型，辊筒高倍率拉伸后制成带有亚纳米级微孔的透气薄膜。

The production line use PE air-permeable plastic granule as raw material, and uses extrusion casting method to melt-extrude the PE-modified air-permeable plastic granule containing inorganic filler through a flat die and the roller is stretched at a high rate to produce a sub-nanometer micro porous membrane.



主要技术参数 Main technical parameters

机型 Model	螺杆直径 Screw Diameter	适用原料 Material	制品宽度 Products width	最大挤出力 Capacity (Max.)	主电机功率 Main motor power
JWS130	130mm	PE	1600mm	450-600kg/h	160KW
JWS160	130mm	PE	2200mm	450-600kg/h	200KW

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薄膜/片材挤出生产线

TPU Film & Sheet Extrusion Line

TPU薄膜在医疗上的应用 Application for TPU film in medical

卓越的抗扭结性，弹性，柔韧性。抗内压强度远远大于PVC，透明度优于PVC/EVA和TPO，高耐化学性，可使用伽马射线和ETO杀菌，药物吸附性低，易于粘结。它是制造多种医疗设备的理想材料，包括各种输液管、输液袋，输液管滴漏、植入物以及其他短期应用。

TPU material features excellent kink resistance, elasticity and flexibility. The internal pressure resistance is much higher than that of PVC, the transparency is better than that of PVC / EVA and TPO, high chemical resistance. Gamma ray and ETO can be used for sterilization, the drug adsorption is low and easy to bond. It is an ideal material for manufacturing a variety of medical equipment, including various infusion tubes, infusion tube drip, implants and other short-term applications.

TPU 隐形牙套介绍 TPU tooth socket introduction

采用由安全透明的TPU弹性高分子材料制成的隐形矫治器治疗，与传统固定矫治器相比，无需托槽和钢丝，临床操作大大简化，矫治过程省时省力，并且可以在旁人无察觉中完成整个治疗过程，不影响日常生活和社交。隐形口腔正畸是当前口腔正畸学领域的一项高新科学技术，打破传统正畸疗法的局限性。我司提供全套TPU牙套片材挤出生产线。

The invisible appliance made of safe and transparent elastic polymer material is used for treatment. Compared with the traditional fixed appliance, it does not need bracket and steel wire, the clinical operation is greatly simplified, the correction process is time-saving and labor-saving,and the whole treatment process can be completed without others' awareness, without affecting daily life and social interaction. Invisible orthodontics is a high and new science and technology in the field of orthodontics, which breaks the limitations of traditional orthodontics.JWELL supplies whole line for TPU tooth socket sheet extrusion line.



主要技术参数 Main technical parameters

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.

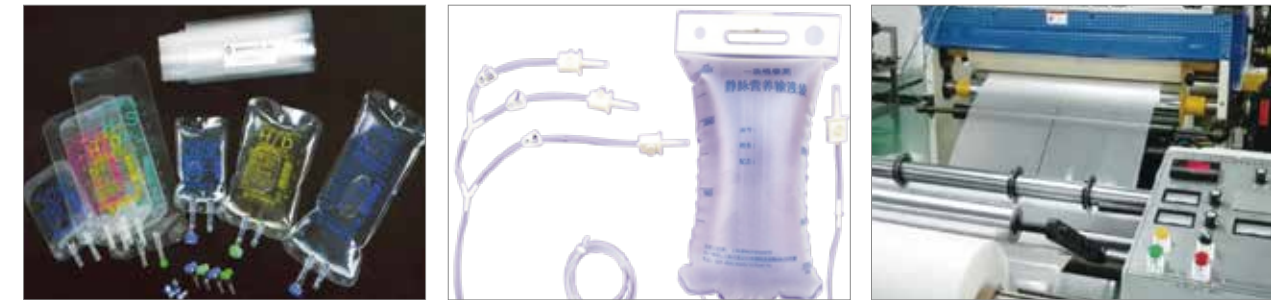


PVC/EVA医用软袋膜生产线

PVC/EVA Medical Film Extrusion Line

PVC软袋是针对玻璃瓶的缺点研制的，具有良好的耐化学药品性、较好的耐温性能，其制品主要应用于：血袋、尿袋、引流袋等领域。
非PVC软袋是继玻璃瓶、塑料瓶、PVC软袋后发展起来的输液袋包装形式，是在PVC的基础上改性而成，具有PVC软袋的优点，同时又克服了PVC软袋材料毒性方面的缺点，并且在降低水蒸气和气体渗透方面也有了较大提高。非PVC输液软袋采用密闭式输液，自身具有平衡压力，无需引入外界空气便可维持人体循环的密闭系统，避免了空气污染的风险，正逐渐成为大输液的包装趋势。非PVC软袋输液耐温性能良好，所以运输可不受季节的限制，也不必担心剧烈震荡给产品带来损伤，因产品具有抗跌落特点，可从一定高度下投，适用于救灾和急救。

PVC soft bag is developed overcoming the shortcomings of glass bottles, with good chemical resistance, good temperature resistance performance. Main application: blood bag, urine bag, drainage bag and other fields. Non-PVC soft infusion bag packaging is developed after glass bottle, plastic bottle and PVC soft bag. It is modified on the basis of PVC. It has the advantages of PVC soft bag and overcomes the disadvantages of PVC soft bag. Non-PVC infusion bag adopts closed infusion, with balanced pressure, and can maintain human body without introducing external air.The circulation of the closed system, to avoid the risk of air pollution, is gradually becoming a infusion packaging trend.Non-PVC soft infusion bag has good temperature resistance, not any seasonal restrictions for transport and also no worry about severe shock to the product during transportation. Since the product has anti-drop characteristics, can be dropped from a certain height, suitable for disaster relief and first aid.



主要技术参数 Main technical parameters

机型 Model	JWS45/28-1500	JWS90/28、JWS120/28-1500
适用原料 Material	PVC、EVA	PVC、EVA
制品宽度 Products width	400mm	900mm
制品厚度 Products thickness	0.12-0.35mm	0.12-0.35mm
挤出机规格 Extruder specification	JWS45/28	JWS90/28
设计挤出产量 Designed extrusion output	20kg/h	100-250kg/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.

生产线特点 Production line features

- 生产线采用德国西门子人机界面及西门子电脑控制操作系统，可实现设备的精确控制和人性化操作。
- 压光成型机采用超镜面镀铬辊筒，并配备伺服电机驱动，有效保证制品精度要求。
- 软质薄膜专用收卷机，在保证成品卷材边缘齐整度的同时，更防止成品产生起皱、鼓筋、拉伸等问题。

- The production line adopts Siemens man-machine interface and Siemens computer control operating system, which can realize accurate control and humanized operation of the equipment.
- The calendering machine adopts super-mirror chrome-plating roller and is equipped with servo motor drive to effectively ensure the accuracy of products.
- Special winding machine for soft film can not only ensure the evenness of the edge of the finished coil, but also prevent wrinkling, bulging and stretching of the finished product.

