

医疗管/特种小管挤出生产线

Medical Tube / Special Engineering Tube Extrusion Line

该系列设备由单螺杆挤出主机、挤出模具、真空成型冷却水槽、小皮带牵引、伺服切断机组成，客户可根据需求选配输送机，设备和产品接触面铺设不锈钢面SUS304或可根据客户需求定制。

设备采用材料：医用级聚氯乙烯(PVC)；医用级聚氨酯(TPU)；等其他材料。

医疗管类型：中心静脉导管，医用PVC软管，多腔管，输液管，透析管等。

外径：1.5mm~20mm

外径尺寸公差：±0.01mm, ±0.02mm, ±0.05mm

壁厚：0.1mm~3.0mm



This series of equipment consists of single screw extruder, extrusion die, vacuum calibrated cooling tank, belt type haul-off unit and servo cutter. Equipment and product contact surface can be made of stainless steel (SUS316) or custom designed to match customer's requirements.

Applicable materials: PVC, TPU and other materials for medical application.

Type of medical tube: central venous catheter, medical PVC hose, multi-cavity tube, infusion tube, dialysis tube, etc.

Outside diameter: 1.5~20mm

Dimensional tolerance of outside diameter: ±0.01, ±0.02, ±0.05mm

Wall thickness: 0.1~3.0mm



技术参数 Technical parameter

设备型号	螺杆直径和长径比	产能kg/hr	占地尺寸(长宽高, 单位mm)
Equipment model	Screw diameter and L/D	Capacity Kg/hr	Machine size (L/W/H.in mm)
JWS25	25*25D	2~5	L7500*W2000*H1780
JWS45	45*28D	15~25	L9500*W2500*H1780
JWS55	55*28D(30D)	30~55	L10500*W2500*H1780
JWS 65	65*28D(30D)	40~90	L12600*W3000*H1780

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.



地址：安徽省滁州市琅琊区铜陵西路218号

Add: No.218, Tongling west Road, Langya District, Chuzhou City, Anhui Province

Whatsapp/Wechat/Mobile: +86 188 5121 6188 E-mail: salbp@jwell.cn

Whatsapp/Wechat/Mobile: +86 188 5120 5766 E-mail: wei@jwellcz.cn

版本号Edition No.: 2024.08



小型实验机挤出设备

金纬机械
JWELL MACHINERY

同向平行双螺杆实验室挤出机

Laboratorial Co-rotating Parallel Twin Screw Extruder

设备简介 Equipment introduction

实验室级挤出机仅需少量材料即可让您高效、经济地开展多项试验，同时还能节省宝贵的实验室空间。触摸屏及siemens PLC集中控制系统，高智能化，操作方便。

The laboratory-grade extruder only requires a small amount of material to allow you to conduct multiple tests efficiently and economically, while saving valuable laboratory space. The touch screen and siemens PLC centralized control system are highly intelligent and easy to operate.

应用范围 Application range

通用塑料、工程塑料、弹性体等物料混合、混炼挤出造粒。

Mixing, compounding and granulation of general plastics, engineering plastics, elastomers and other materials.

复合材料的共混改性及反应挤出 Blending modification and reactive extrusion of composite materials

高分子合金高效混炼 High-efficiency compounding of polymer alloys

聚合物填充增强改性 Polymer filling and reinforcement modification

新产品、新配方的研发 R&D of new products and new formulas



塑料片材挤出试验机

Laboratorial Extrusion Equipment for Sheet

设备简介 Equipment introduction

可完成常规片材的挤出、多辊压延、切边、牵引收卷等功能，小型精密单螺杆挤出单元和压延单元为分体结构，具备独立机架。It can complete the extrusion of conventional sheets, multi-roller calender, trimming, drawing and winding, etc. The small precision single-screw extrusion unit and calender unit are of separate structure and have independent frames.

产品性能 Equipment performance

三辊采用线性滑轨导向，可精确控制片材厚度。

三辊均由伺服电机独立驱动，可增加压延工艺调整灵活性。

可选配熔体泵和静态混合器以提高物料的塑化、均化效果。

可针对不同工艺选择双辊 / 三辊 / 四辊压延。

Three rollers with linear slide guide for precise sheet thickness control.

The three rollers are independently driven by the servo motor, which increases the flexibility of the calender process.

Optional melt pump and static mixer to improve the plasticization and homogenization of materials.

Double-roller / three-roller / four-roller calender can be supplied for different processing requirements.

应用范围 Application range

各种材料片材制品 Kinds of plastics sheet making

材料配方研发 Material formulation development

高粘度材料压延成型 High viscosity material calendaring

多层功能材料复合 Multilayer functional material compound



技术参数 Technical parameter

挤出机规格 Extruder type	JWS45/35, 电机15Kw 1500rpm
挤出机产量 Extruder capacity	20-30Kg/h
三辊压光机 Three roller size	φ170X400, 伺服电机 1.3KwX3
牵引机 Puller	φ120X400, 伺服电机 0.85Kw
收卷机 Winder	力矩收卷 3"气涨轴
线速度 Line speed	10m/min

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

塑料薄膜挤出试验机

Laboratorial Extrusion Equipment for Film

设备简介 Equipment introduction

主要由流延辊组件、橡胶压辊组件、放送组件、预热辊组件、过渡辊组件及整机升降组件组成，可以完成通用材料表面淋膜涂覆工艺，用于制备多层复合薄膜。

It mainly consists of film casting unit, rubber press-roller unit, conveying unit, preheating-roller unit, transition-roller unit and lifting unit of the whole machine. It can complete the coating and laminating process of general material surface and be used to prepare multi-layer composite film.

产品性能 Equipment performance

各挤出主机与主控触屏联动，可远程操作与监控。

制备单层或多层共挤流延薄膜。

可选配熔体泵和静态混合器，以提高物料的塑化均化效果，提升薄膜质量。

The main extruder is linked with the main control touch screen, which can be operated and monitored remotely.

Making single or multi-layer co-extruded casting film.

Melt pump and static mixer can be optionally provided to improve the plasticizing and homogenizing effect of materials.

应用范围 Application range

多层功能薄膜制品 Multi-layer functional thin film production

聚合物材料的流延性能测试 Testing of casting properties of polymer material

新产品配方研发 Research and development of new product formula

生产工艺参数优化 Optimization of production process parameters

窄幅薄膜小规模化生产 Small-scale production of narrow-width thin films

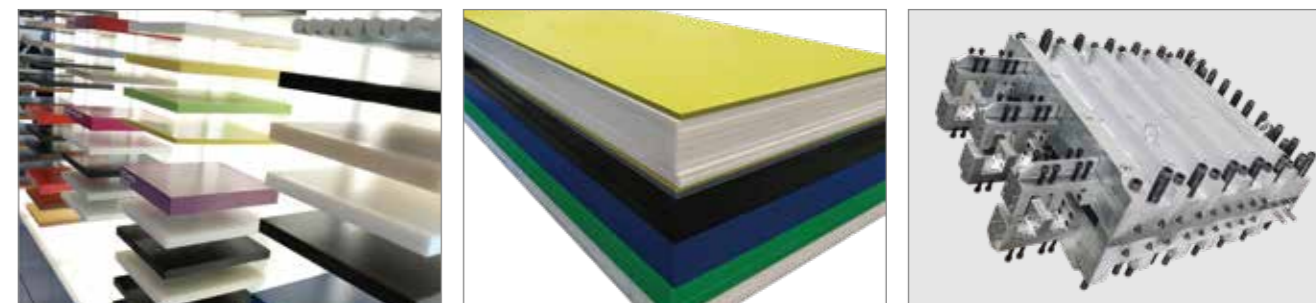


冷推板棒材生产线

The Cold-pushed Plate And Rod Production Line

冷推板棒材生产线广泛应用于各类工程塑料的超厚板加工，如POM/PEEK/PPS/ABS/PE/PP等，加工的板材及棒材主要用于电子产品及塑料零部件加工领域，根据应用场景的不同，加工的产品有齿轮，轴承，轴套及其他异形件。

The cold-pushed plate and rod production line is widely used in processing ultra-thick plates of various engineering plastics, such as POM/PEEK/PPS/ABS/PE/PP, etc. The processed plates and rods are mainly used in the field of electronic products and plastic parts. According to the application scenario, the processed products include gears, bearings, bushings and other special-shaped parts.



技术参数 Technical parameter

挤出机规格Specification of extruder	JWS65	JWS45
制品宽度 Product width	650-1000mm	650-1000mm
制品厚度 Product thickness	10-150mm	10-100mm
棒材直径 Par diameter	φ20-250mm	φ8-150mm
主电机功率 Main motor power	22KW	11KW
最大挤出产量 Capacity (Max)	30-40KG/H	15-25KG/H

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