

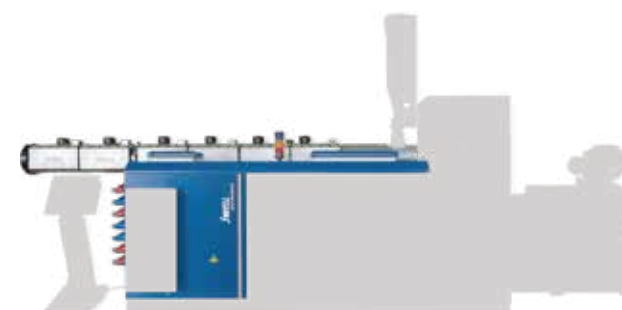


PACKAGING & NEW MATERIAL EXTRUSION LINE

包装和新材料生产线



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Blowing-Filling-Sealing (BFS) System

无菌包装吹灌封 (BFS) 系统



BFS吹灌封一体机是采用一种专用无包装技术，连续操作，将医用聚乙烯(PE)或聚丙烯(PP)颗粒制成容器，全自动地完成灌装封口过程，快速地连续循环生产。它是将数个药品生产工艺集成在同一设备中，以单一工序在无菌状态下完成塑料容器的整改吹塑、灌装和封口等过程，能有效保证药品的使用安全，该设备具有生产成本和管理成本低，无菌稳定性好，成品内在质量高，产品交叉污染率小等优点，可广泛应用在滴眼剂，气雾剂，吸入剂，注射剂，消毒液，大输液等制药行业，同时也用于食品和化工行业等塑料容器的无菌包装。

Blowing-Filling-Sealing (BFS) Machine adopts a specialized packaging free technology, continuous operation, to make medical polyethylene (PE) or polypropylene (PP) particles into containers, fully automatic filling and sealing process, and fast continuous cycle production. It integrates several drug production processes into the same equipment to complete the rectification, blow molding, filling, and sealing of plastic containers in a single sterile state, effectively ensuring the safety of drug use. This equipment has the advantages of low production and management costs, good aseptic stability, high internal quality of the finished product, and low cross contamination rate of the product. It can be widely used in the pharmaceutical industry such as eye drops, aerosols, inhalers, injections, disinfectants, and large infusion, It is also used for aseptic packaging plastic containers in the food and chemical industries.

小容量产品：主要用于小容量注射剂、滴眼液、滴耳液、气雾剂、吸入剂、麻醉剂、化妆品及食品产品，装量范围0.1ml-20ml，产量取决于灌装量及模具腔数。

Small capacity products: Mainly used for small volume injections, eye drops, ear drops, aerosols, inhalers, anesthetics, cosmetics, and food products, with a filling volume range of 0.1ml-20ml. The out put depends on the filling volume and the number of mold cavities.



主要技术参数 Main technical parameters

型号 Tple	JW-BFS-C15S-I/II		JW-BFS-C25S-I/II		JW-BFS-C40S-I/II		JW-BFS-C60S-I/II	
最大容量(ml) Max.capacity	2ml	10ml	2ml	10ml	2ml	10ml	2ml	10ml
模具腔数 Mould Cavity	15支	10支	25支	15支	40支	25支	60支	40支
最大容器宽度(mm) Max.container width	10mm	15mm	10mm	15mm	10mm	15mm	10mm	15mm
产能/时I-单模 Output/hour I-Single mould	6000(9s) 6750(8s)	4000(9s) 4500(8s)	10000(9s) 11250(8s)	6000(9s) 6750(8s)	16000(9s) 18000(8s)	10000(9s) 11250(8s)	21600(10s) 24000(9s)	14400(10s) 16000(9s)
产能/时II-上下双模 Output/hour II-Double mould	12000(9s) 13500(8s)	8000(9s) 9000(8s)	20000(9s) 22500(8s)	12000(9s) 13500(8s)	32000(9s) 36000(8s)	20000(9s) 22500(8s)	43200(10s) 48000(9s)	28800(10s) 32000(9s)

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-EBM Full Electric Blow Molding Machine

JWZ-EBM系列全电动中空成型机

性能和优点 Performance and advantages

- ◎全电系统，节能环保，比液压机节能50%~60%。

◎采用伺服电机驱动，运动精度高、响应速度快、启停平稳无冲击。

◎采用现场总线控制，整机全集成系统，可实时监控主机、辅机的运行数据，实现了大数据的采集和管理功能。

◎壁厚多点动态调整曲线、数据自动拟合、型胚圆滑过渡。

◎挤出机采用高效螺杆，产量高、能耗低。

◎采用JWELL第五代U型锁模结构，锁模力均匀稳定。

◎产品成型周期短，设备冷却性能高。

◎全自动生产，有效减少人员成本与管理成本。

◎无泄漏，设备噪音低，适合食品、医药、化妆品等对洁净要求高的产品。

◎开合模、移模维护简单、成本低，可实现大扭矩控制。
- ◎Full electric system, energy saving and environmental protection, 50%~60% energy saving comparing to hydraulic system.

◎Servo motor drive, high movement accuracy, fast response, stable start and stop without impact.

◎Using fieldbus control, the whole machine is integrated into the system, which can monitor the running data of the host and auxiliary machine in real time, and realize the collection and data management.

◎Multi-point dynamic adjustment curve of wall thickness, automatic data fitting, smooth transition of type embryo.

◎The extruder adopts high efficiency screw, high output, low energy consumption.

◎Using JWELL fifth generation U type clamping structure, clamping force uniform and stable.

◎Short molding cycle and high cooling performance.

◎Automatic production, effectively reduce personnel costs and management costs.

◎No leakage, low noise equipment, suitable for food, medicine, cosmetics and other products with high requirements for cleanliness.

◎Mold and carriage device simple maintenance, low cost, can achieve large torque control.



可选配功能

- ◎多层、多腔挤出
- ◎称重喂料系统
- ◎换网器装置
- ◎在线测漏、视觉检测、打包等自动化设备

Optional functions

- ◎Multi-layer, multi-cavity
- ◎Weighing feeding material system
- ◎Screen changer system
- ◎Online leak detection, visual detection, packaging and other automation equipment

主要技术参数 Technical parameters

名称	Model	Unit	JWZ-EBM-420D	JWZ-EBM-520D	JWZ-EBM-650D	JWZ-EBM-850D
主螺杆直径	Main screw diameter	mm	65	65	75	90
螺杆长径比	Screw L/D	----	25:1	30:1	30:1	30:1
螺杆转速	Screw rpm	r/min	25-75	25-75	25-75	25-75
挤出量	Max plasticizing capacity(PE)	kg/h	65-75	100-105	110-130	180-200
模板尺寸	Platen size W*H	mm	330X286	420X390	580X450	780*400
模具厚度	Mould thickness	mm	140	180	240	320
锁模力	Clamping force	KN	50	80	180	240
空循环	Dry cycle	S	2.9	3.2	4	4.8
移模行程	Platen moving stroke	mm	420	520	650	850

注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.



JWZ-BM02D/05D/12D Double Station Blow Molding Machine

JWZ-BM02D/05D/12D双工位中空成型机

性能和优点 Performance and advantages

- ◎ 可选配多层共挤。
- ◎ 可选配液位线挤出。
- ◎ 按照制品规格大小，选配多模头挤出系统。
- ◎ 按照原料情况，可选配JW-DB板式单工位液压换网系统。
- ◎ 按照客人要求，选配自动去飞边、飞边在线输送、制品在线测漏、输送、打包等，减少人工成本，提高生产效率。
- ◎ Optional multi-layer co-extrusion.
- ◎ Optional view strip line system.
- ◎ According to the product size,select different cavity of die head.
- ◎ According to the different material, optional JW-DB single station hydraulic screen-exchanger system.
- ◎ According to customer's requirement, optional auto-deflashing on-line, scrap conveying on line, finished product leak testing on line, conveying, packing,etc., reducing the working cost and increasing the production ratio.

JWZ-BM02&02D模头中心距
JWZ-BM02&02D Die-head Center Distance

模腔数 Number of cavity	中心距 Center distance	L	W	H	L	W	H	ØD	H	A	H
		155	90	220	155	90	220	100	220	100	220
	130	95	95	220	95	95	220	95	220	95	220
	85				65	65	220	65	220	65	220
	60/65				50	50	120	50	120	50	120

JWZ-BM05&05D模头中心距
JWZ-BM05&05D Die-head Center Distance

模腔数 Number of cavity	中心距 Center distance	L	W	H	L	W	H	ØD	H	A	H
		230	140	300	230	140	300	140	300	140	300
	160	140	80	200	150	80	200	140	200	140	200
	110				85	85	220	85	220	85	220
	80							70	200	70	200

JWZ-BM12&12D模头中心距
JWZ-BM12&12D Die-head Center Distance

模腔数 Number of cavity	中心距 Center distance	L	W	H	L	W	H	ØD	H	A	H
		250	180	300	250	180	300	240	300	240	300
	240	210	110	250	210	110	250	180	250	180	250
	160				130	90	220	120	220	120	220
	120							90	200	90	200



主要技术参数 Technical parameters

名称	Model	Unit	BM02D	BM05D	BM12D
制品最大容积	Max product volume	L	2	5	12
机器空循环	Dry cycle	Pc/h	900*2	700*2	600*2
机头结构	Die head structure		连续式 Continuous type		
主螺杆直径	Main screw diameter	mm	65	75	90
最大塑化能力	Max plasticizing capacity (PE)	kg/h	70	90	160
绞料电机功率	Driving motor	Kw	22	30	45
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	11	15	18.5
锁模力	Clamping force	KN	40	70	120
移模控制方式	Mode moving control		伺服电机控制(选配) Servo motor control(Optional)		
模板开距	Space between platen	mm	138-368	150-510	240-640
模板尺寸	Platen size W*H	mm	286*330	420*390	520*490
最大模具尺寸	Max.mould size	mm	300*350	420*400	540*500
移模行程	Platen moving stroke	mm	420	450/520	600/650
机头加热功率	Heating power of die head	Kw	6	7.5	10
机器外形尺寸	Machine dimension L*W*H	m	3.0*1.9*2.4	3.7*3.1*2.7	4.2*3.2*3.0
机器总重量	Machine weight	T	5	8.5	12
装机总功率	Total power	Kw	45	60	90

注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.



JWZ-BM30/50/100 Blow Molding Machine

JWZ-BM30/50/100中空成型机

性能和优点 Performance and advantages

- ◎采用高产挤出系统，能根据不同塑料的特性，设计不同的螺杆和模头芯棒、流道款式。
 - ◎采用储料式模头，模头换料、换色、排渣、拆卸和清洗方便。
 - ◎电脑智能控制系统，操作、设置和修改生产程序方便。
 - ◎选配下包封、制品顶出、抽芯等动作元件。
 - ◎按照原料情况，可选配JW-DB板式单工位液压换网系统。
 - ◎选配双层共挤出系统。
 - ◎可根据制品大小定制模板规格尺寸。
- ◎ Adopting a high-yield extrusion system, different screw and die core rod, and channel styles can be designed according to the characteristics of different plastics.
- ◎ Adopting a accumulating type mold head, the mold head is easy to change materials, colors, slag, disassemble and clean.
- ◎ Computer intelligent control system, easy to operate, set up, and modify production programs.
- ◎ Optional upper parsion close unit, product ejection, core pulling and other action components.
- ◎ According to the raw material situation, JW-DB plate type single station hydraulic screen changing system can be optionally selected.
- ◎ Optional double-layer co extrusion system.
- ◎ Template specifications and sizes can be customized according to the size of the product.



主要技术参数 Technical parameters

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

注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.

JWZ-BM30 Three-layer Four Station Blow Molding Machine

JWZ-BM30三层四工位中空成型机

性能和优点 Performance and advantages

- ◎适用于生产10-30L各种堆码桶。
- ◎采用连续式挤出机头，上吹结构，便于制品自动去飞边、飞边在线输送、制品在线测漏、输送等，减少人工成本，提高生产效率。
- ◎选配多层共挤出系统。
- ◎选配液位线挤出系统。
- ◎可升级为全电方案。
- ◎Suitable for producing 10-30L different size Chemical packaging jerrycan.
- ◎Adopt continuous type die head, up-blowing structure, convenient for product auto-deflashing on-line, flash conveying on-line, finished product leak testing on-line, conveying ,etc. Reducing the labor cost and increasing the production efficiency.
- ◎Optional multi-layer co-extrusion system.
- ◎Optional view strip line system.
- ◎Can be upgraded to all-electric solution.



主要技术参数 Technical parameters

名称	Model	Unit	BM30
制品最大容积	Max product volume	L	30
工位数	Station number	Pc/h	4
机头结构	Die head structure		连续式 Continuous type
主螺杆直径	Main screw diameter	mm	100/120/100
最大塑化能力	Max plasticizing capacity (PE)	kg/h	780
绞料电机功率	Driving motor	Kw	75/110/75
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	22
锁模力	Clamping force	KN	240
模板开距	Space between platen	mm	450-950
模板尺寸	Platen size W*H	mm	600*640
最大模具尺寸	Max.mould size	mm	580*640
机头加热功率	Heating power of die head	Kw	25
装机总功率	Total power	Kw	410

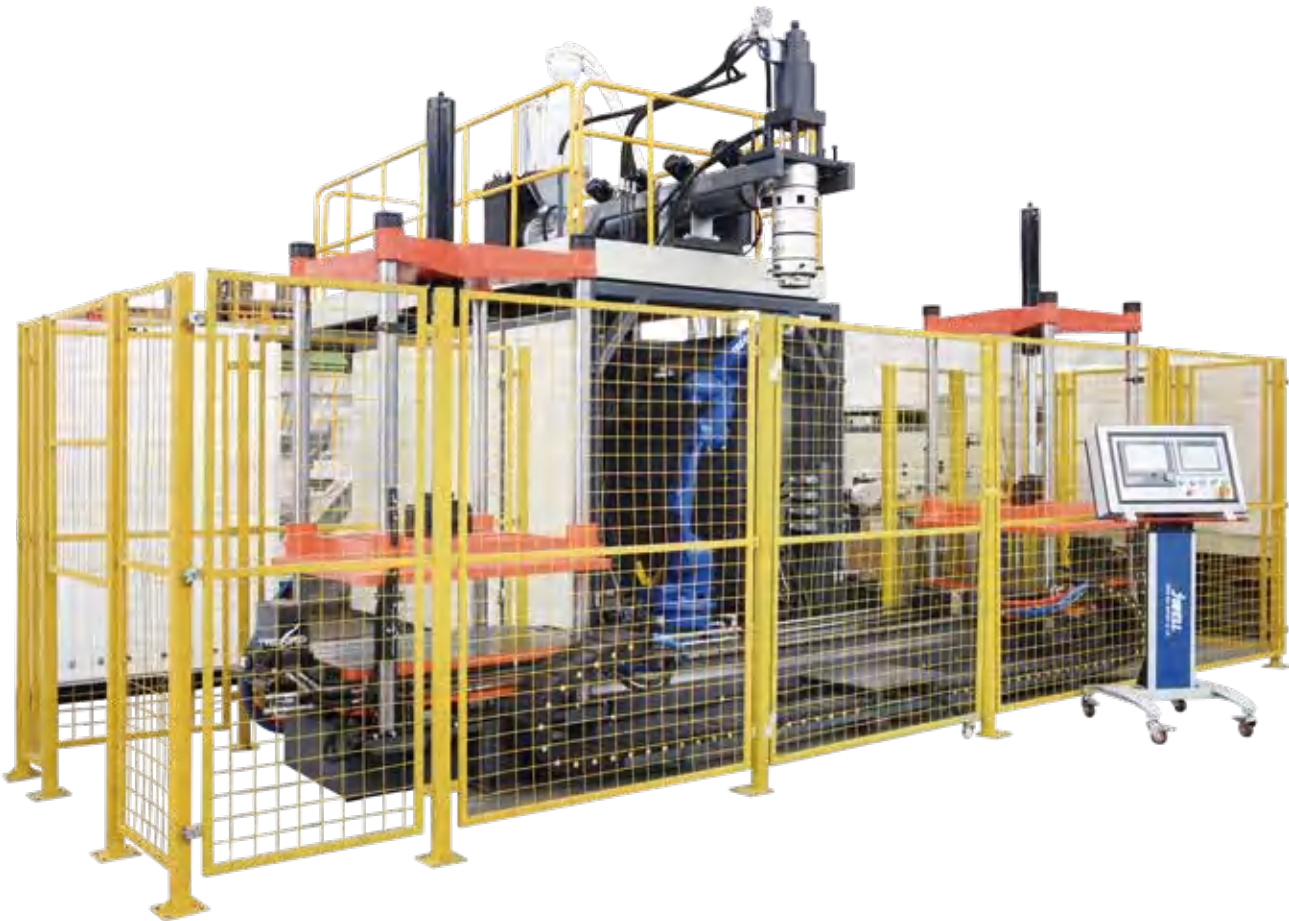
注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.

JWZ-BM3D Three-dimensional Blow Molding Machine

JWZ-BM3D三维中空成型机

性能和优点 Performance and advantages

- ◎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。
 - ◎选配上包封、制品顶出、抽芯等动作元件。
 - ◎可根据制品大小定制模板规格尺寸。
 - ◎液压伺服控制系统。
- ◎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.
- ◎Optional action elements such as upper encapsulation, product ejection, and core pulling.
- ◎Template size can be customized according to product size.
- ◎Hydraulic servo control system.



主要技术参数 Technical parameters

名称	Model	Unit	JWZ-BM 3D-1000(机械手)	JWZ-BM-100 3D(真空吸入)
主螺杆直径	Main screw diameter	mm	65	80
螺杆长径比	Screw L/D	----	25:1	25:1
螺杆转速	Screw rpm	r/min	25-75	25-75
挤出量	Max plasticizing capacity(PE)	kg/h	65-75	100-120
模板尺寸	Platen size W*H	mm	800*1200	1020*1500
模具厚度	Mould thickness	mm	450	600
锁模力	Clamping force	KN	75	280
空循环	Dry Cycle	S	20	10
移模行程	Platen moving stroke	mm	1800	360

注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.

JWZ-BM160/230 Blow Molding Machine

JWZ-BM160/230中空成型机

性能和优点 Performance and advantages

- ◎采用高产量挤出系统，能根据不同塑料的特性，设计不同的螺杆和模头芯棒、流道款式。
- ◎采用储料式模头，模头换料、换色、排渣、拆卸和清洗方便。
- ◎电脑智能控制系统，操作、设置和修改生产程序方便。
- ◎选配多功能下吹、下包封、制品顶出、抽芯等动作元件。
- ◎按照原料情况，可选配JW-DB板式单工位液压换网系统。
- ◎选配双层共挤出系统。
- ◎可根据制品大小定制模板规格尺寸。
- ◎ Adopting a high-yield extrusion system, different screw and die core rod, and channel styles can be designed according to the characteristics of different plastics.
- ◎ Adopting a accumulating type mold head, the mold head is easy to change materials, colors, slag, disassemble and clean.
- ◎ Computer intelligent control system, easy to operate, set up, and modify production programs.
- ◎ Optional multifunctional bottom blow and parsion close unit, product ejection, core pulling and other action components.
- ◎ According to the raw material situation, JW-DB plate type single station hydraulic screen changing system can be optionally selected.
- ◎ Optional double-layer co extrusion system.
- ◎ Template specifications and sizes can be customized according to the size of the product.



主要技术参数 Technical parameters

名称	Model	Unit	BM160	BM230
制品最大容积	Max product volume	L	160	230
机器空循环	Dry cycle	Pc/h	300	280
机头结构	Die head structure	储料式 Accumulating type		
主螺杆直径	Main screw diameter	mm	100	120
最大塑化能力	Max plasticizing capacity (PE)	kg/h	240	350
绞料电机功率	Driving motor	Kw	90	132
储料缸容量	Accumulating volume	L	18	24
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	30	37
锁模力	Clamping force	KN	800	900
模板开距	Space between platen	mm	500-1400	800-1800
模板尺寸	Platen size W*H	mm	1120*1200	1320*1600
最大模具尺寸	Max.mould size	mm	900*1450	1200*1800
机头加热功率	Heating power of die head	Kw	30	36
机器外形尺寸	Machine dimension L*W*H	m	7*3.5*4	8.2*3.5*5.5
机器总重量	Machine weight	T	20	36
装机总功率	Total power	Kw	172	230

注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.

JWZ-BM500/1000 Accumulating Type Blow Molding Machine

JWZ-BM500/1000储料式中空成型机

性能和优点 Performance and advantages

- ◎采用高产量挤出系统，能根据不同塑料的特性，设计不同的螺杆和模头芯棒、流道款式。
 - ◎采用储料式模头，模头换料、换色、排渣、拆卸和清洗方便。
 - ◎电脑智能控制系统，操作、设置和修改生产程序方便。
 - ◎选配多功能下吹、下包封、制品顶出、抽芯等动作元件。
 - ◎按照原料情况，可选配JW-DB板式单工位液压换网系统。
 - ◎选配双层共挤出系统。
 - ◎可根据制品大小定制模板规格尺寸。
- ◎ Adopting a high-yield extrusion system, different screw and die core rod, and channel styles can be designed according to the charac-teristics of different plastics.
 - ◎ Adopting a accumulating type mold head, the mold head is easy to change materials, colors, slag, disassemble and clean.
 - ◎ Computer intelligent control system, easy to operate, set up, and modify production programs.
 - ◎ Optional multifunctional bottom blow and parsion close unit, product ejection, core pulling and other action components.
 - ◎ According to the raw material situation, JW-DB plate type single station hydraulic screen changing system can be optionally selected.
 - ◎ Optional double-layer co extrusion system.
 - ◎ Template specifications and sizes can be customized according to the size of the product.



主要技术参数 Technical parameters

名称	Model	Unit	BM500	BM1000
制品最大容积	Max product volume	L	500	1000
机器空循环	Dry cycle	Pc/h	250	155
机头结构	Die head structure	储料式 Accumulating type		
主螺杆直径	Main screw diameter	mm	120/135	120*2
最大塑化能力	Max plasticizing capacity (PE)	kg/h	400	700
绞料电机功率	Driving motor	Kw	132/160	132*2
储料缸容量	Accumulating volume	L	45/60	75/90
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	45	45
锁模力	Clamping force	KN	1300	1800
模板开距	Space between platen	mm	950–2000	1000–2700
模板尺寸	Platen size W*H	mm	1600*1600	1800*1800
最大模具尺寸	Max.mould size	mm	1400*1600	1600*1800
机头加热功率	Heating power of die head	Kw	50	65
机器外形尺寸	Machine dimension L*W*H	m	10.4*8.2*6.5	14*12*8.5
机器总重量	Machine weight	T	45	70
装机总功率	Total power	Kw	265/325	460

注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.

JWZ-BM1000 IBC Blow Molding Machine

JWZ-BM1000 IBC中空成型机

性能和优点 Performance and advantages

- ◎适用于生产500-1200LIBC吨桶等。
- ◎采用高产量挤出系统，储料式模头，液压伺服控制系统。
- ◎Suitable for producing 500-1200L drum.
- ◎Adopt high output extrusion system,accumulating type die head,hydraulic servo control system.



主要技术参数 Technical parameters

名称	Model	Unit	BM1000	BM1000
制品最大容积	Maxproductvolume	L	1000	1000
层数	Layer		Single Layer 单层	Double Layer 双层
机器空循环	Dry cycle	Pc/h	250	155
机头结构	Die head structure		储料式 Accumulating type	
主螺杆直径	Mainscrew diameter	mm	150	120*2
最大塑化能力	Maxplasticizingcapacity(PE)	kg/h	550-650	550-650
绞料电机功率	Driving motor	Kw	160	110*2
储料缸容量	Accumulating volume	L	36	36
油泵电机功率(伺服)	Oilpumpmotorpower (Servo)	Kw	45	45
锁模力	Clamping force	KN	2000	2000
模板开距	Space between platen	mm	1100-2500	1100-2500
模板尺寸	Platen sizeW*H	mm	1600*1600	1600*1600
最大模具尺寸	Max.mould size	mm	1400*1600	1400*1600
机头加热功率	Heating power of die head	Kw	30	30
机器外形尺寸	MachinedimensionL*W*H	m	12*10*6.8	12*10*6.8
机器总重量	Machine weight	T	50	53
装机总功率	Total power	Kw	265	430

注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.

JWZ-BM Pallet Series Blow Molding Machine

JWZ-BM托盘系列中空成型机

性能和优点 Performance and advantages

- ◎适用于生产各种规格吹塑托盘
 - ◎选配下包封、制品顶出、抽芯等动作元件
 - ◎采用高产量挤出系统，储料式模头
 - ◎液压伺服控制系统
-
- ◎Suitable for producing different kinds of pallet.
 - ◎Optional bottom sealing,product eject,core-pulling movement elements.
 - ◎Adopt high output extrusion system,accumulating die head.
 - ◎Hydraulic Servo control system.



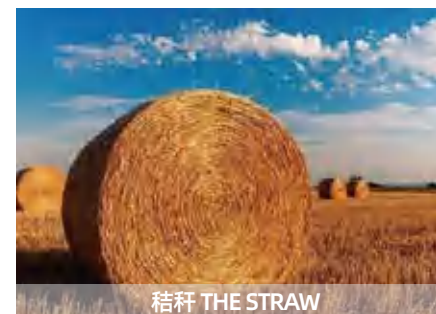
主要技术参数 Technical parameters

名称	Model	Unit	BM500	BM1000	BM2000	BM2000F
机头结构	Die head structure		储料式 Accumulating type			
主螺杆直径	Main screw diameter	mm	120	135	150	120*2
挤出量	Max plasticizing capacity(PE)	kg/h	350-450	550-650	750-850	800-900
绞料电机功率	Driving motor	KW	132	160	185	132*2
储料缸容量	Accumulating volume	L	45	45	75	120
模板尺寸	Platen size W*H	mm	1600*1600	1600*1600	1600*1800	1600*1800
最大模具尺寸	Max.mould size	mm	1400*1600	1400*1600	1400*1800	1400*1800
模具开距	Max space between platen	mm	750-1950	750-1950	750-1950	750-1950
锁模力	Clamping force	KN	1200	1200	1200	1300

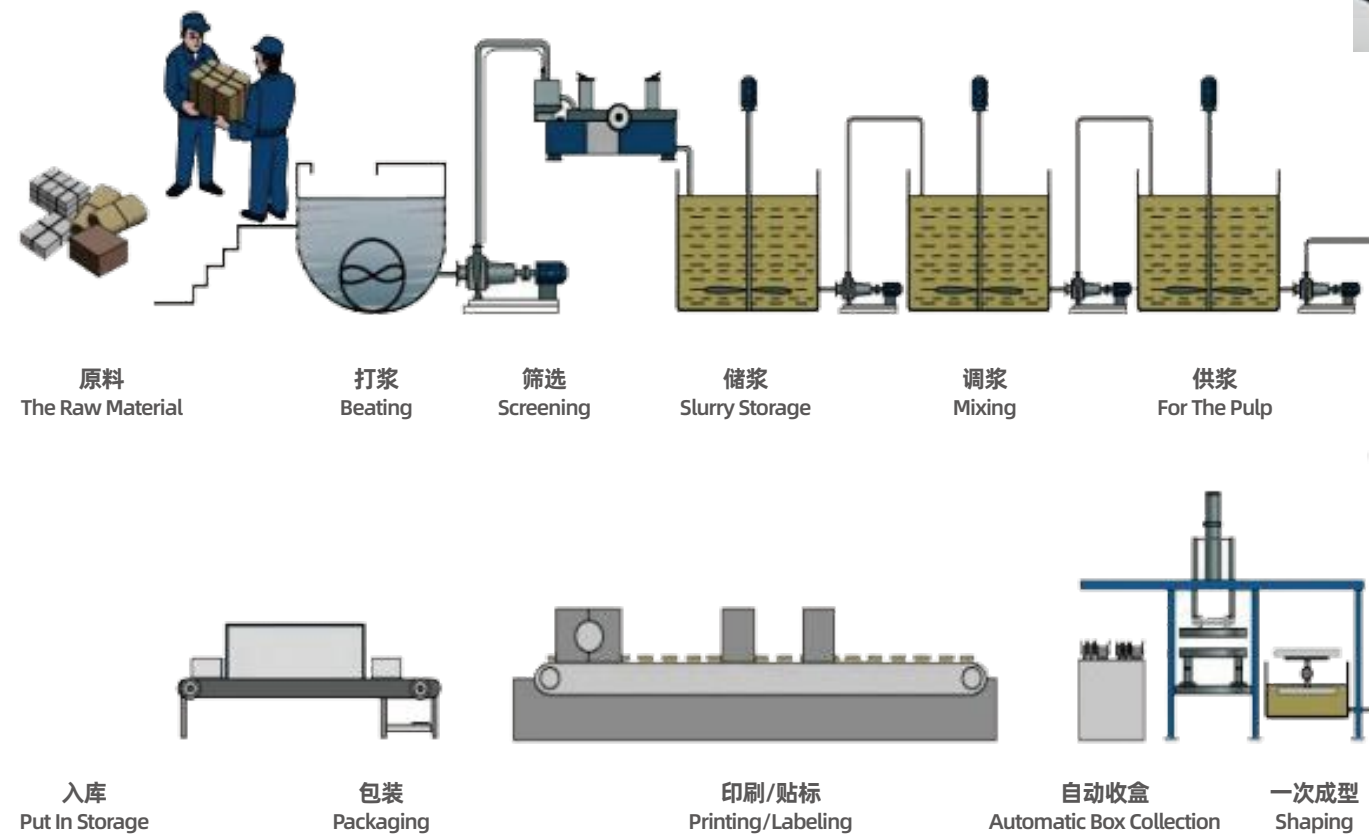
注：以上所列资料仅供参考，可根据客户要求量身定制。
Note: Informations listed above are for reference only, the production line can be designed by customer's requirements.

Product Production Flow Chart

产品生产流程图



提取纤维
FIBRE EXTRACTION



全降解 Fully degradable
取自自然 回归自然
Taken from nature and returned to nature

可塑性 Plasticity
随心所欲 变化万千
Change at will with endless possibilities

亲和性 Affinity
温润如玉 绿色基因
Warm like jade green gene

Semi Automatic Equipment For Making Paper Plastic Work Bags

半自动纸塑工包类制品制成设备

双工位往复送料成型机

Double Station Reciprocating Feeding Forming Machine



主要参数 Parameter

设备型号 Model	
设备外形尺寸 Outer dimension(mm)	L3100*W2160*H3800mm
台面尺寸 Platen size(mm)	800*600mm 或定制
设备重量 Equipment weight	2.0T
吸浆方式 Forming method	往复式 Reciprocating
最大产品高度 Max. product height	80-100mm
供浆方式 Pulp feeding style	连续供浆 Continuous supply of slurry
干燥方式 Drying method	模外干燥 Drying outside the mold
湿胚转移方式 Product transfer method	模内转移 Wet embryo transfer method
动力方式 Power mode	气缸 Cylinder
接料方式 Material receiving method	气动升降平台 Pneumatic lifting platform
湿胚成型工位数量Number of work stations	2个 2 positions
产能 Capacity	与产品形状及人工效率有关 Related to product shape and labor efficiency
成型效率 Cycle time	8-16秒/模 8-16 seconds/drop

Semi Automatic Pulp Molding Equipment

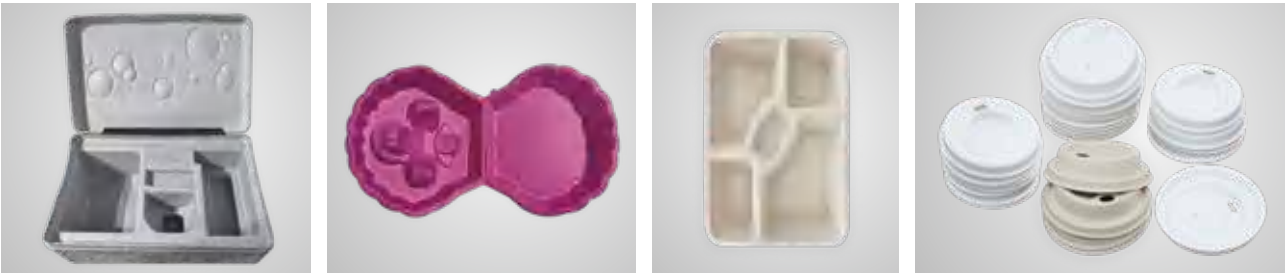
半自动纸浆模塑制品制成设备

热压整型机

Hot press shaping machine

冲压切边机

Stamping and trimming machine



热压定型机主要参数 Hot press shaping machine parameter

设备型号 Model	
台面尺寸 Platen size(mm)	700*500或800*600mm，可定制
设备重量 Equipment weight	约2T
成型压力 Forming pressure	30-60T
动力方式 Machine drive mode	气液增压缸 Pneumatic-hydraulic booster cylinder
加热功率 Heating power	上下模电热 Upper and lower mold 标准配置 Standard configuration: 9KW+9KW

冲压切边机主要参数 Stamping and trimming machine parameter

设备型号 Model	
台面尺寸 Platen size(mm)	700*500或800*600，可定制
设备重量 Equipment weight	约 2T
成型压力 Forming pressure	30-60 T
动力方式 Machine drive mode	气液增压缸 Pneumatic-hydraulic booster cylinder

Laminating Machine

覆膜机

把需覆膜的环保纸浆餐具或工业包装产品放置在模具的腔位中，选择合适的覆膜专用胶膜；陶瓷发热片加热，使胶膜软化；气泵产生负压，真空室产生强大吸力，吸取胶膜粘附到纸浆模塑产品表面上。

The environmentally friendly pulp tableware or industrial packaging products that need to be covered are placed in the cavity of the mold, and the appropriate film is selected. The ceramic heating sheet is heated to soften the film. The air pump produces negative pressure, and the vacuum chamber produces strong suction to absorb the adhesive film and adhere to the surface of the pulp molding product.




食品级
Food grade


无氟
Freon-free


防水
Waterproof


防油
Oil proof


高低温
High low temperature

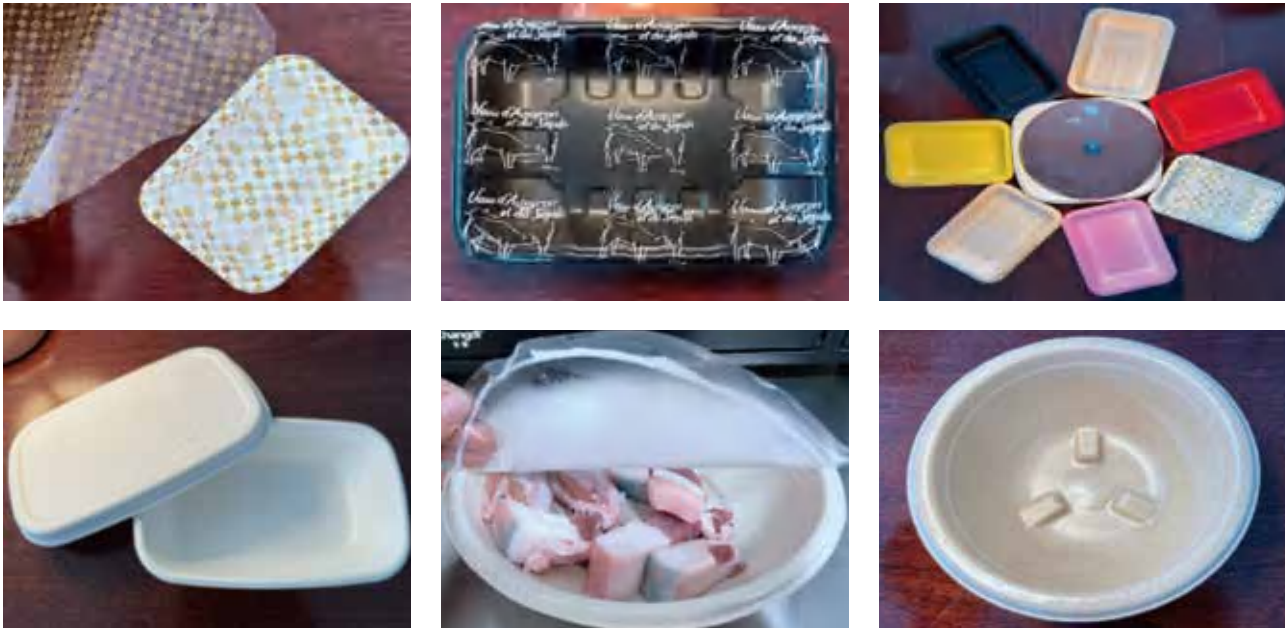

冷藏
Refrigerate


微波炉
Microwave oven


烤箱
Oven


可回收
Recyclable


可封口
Seal



Automatic Pulp Molding Sampling Production Line

HJ23-400全自动纸浆模塑打样生产线

适用于各类纸塑制品打样生产，无需建系统，一台机全搞定

Suitable for all kinds of pulp molding products sampling production, no need to build a system, only one machine can complete the production.

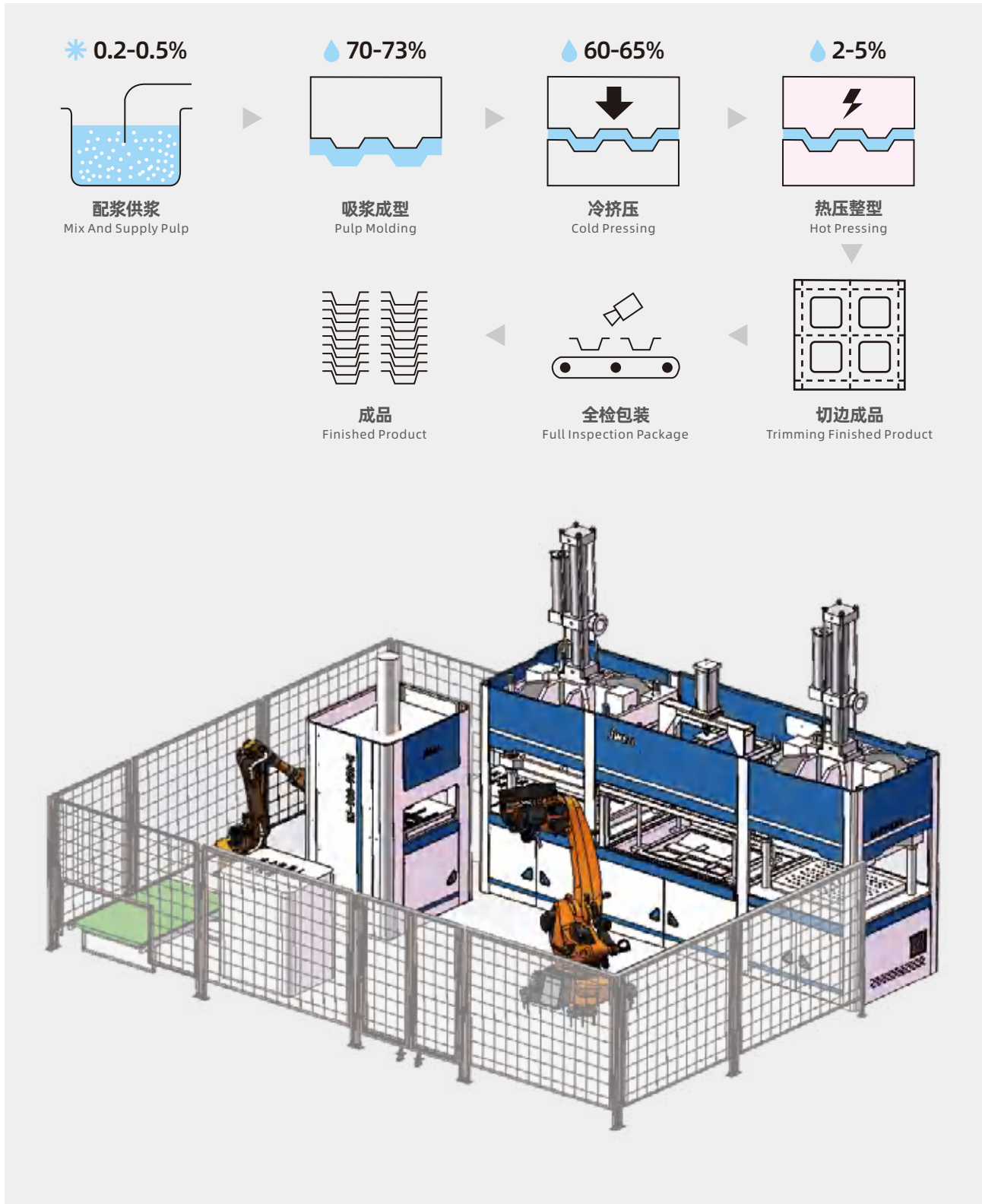


主要参数 Parameter

设备型号 Model	HJ23-400D/Y
	(D 表示电加热 means electric heating, Y 表示油加热 means oil heating)
设备外形尺寸 Outer dimension(mm):	L5200*W3000*H2500
台面尺寸 Platen size(mm):	425*425
设备重量 Equipment weight:	3T
吸浆方式 Forming method:	往复式 Reciprocating
最大产品高度 Max. product height:	100mm
动力方式 Machine drive mode :	伺服+丝杆+电缸 Servo + screw + electric cylinder
产能 Capacity:	80-200kg/22H
成型效率 Cycle time:	40-180秒/模 40-180 seconds/drop

Automatic Pulp Molding Finery Tableware Production Line

全自动纸浆模塑精品餐包生产线



主要参数 Parameter

设备型号 Model	HJ-9895	HJ-120120
模版尺寸Plate size	980*950	1200*1200
加热方式Heating method	电和油可选Electricity and oil are optional	
定型压力Forming pressure	47T	60T
产品深度Production height	80mm	80mm
生产周期Cycle time	22-40s	22-40s

Automatic Pulp Molding High-end Industrial Package Machine

全自动纸塑精品工包成型设备



干燥效能提升

Drying Efficiency Improvement

深度冷挤压，减少热压模内干燥能耗15%-30%，干燥时间缩短10%。
Depth of cold pressing reduce energy consumption of drying in hot pressing process 15%-30% and the drying time reduced by 10%

动作效能提升

Action Efficiency Improvement

热压整型合模动力机构采用伺服电机及机械多连杆机构，驱动力能节省20%以上，动作时间缩短10%。
The hot pressing mold clamping system adopt servo motor and mechanical linkage structure drive to save energy consumption of clamping by more than 20% and the action time reduced by 10%.

环境友好

Environmentally Friendly

无液压系统或气液增压缸的高分贝动作噪音及漏油污染问题。
No hydraulic system or pneumatic actuator high decibel noise and oil pollution.

精准电控

Precise Electric Control

采用全伺服电机驱动，精准控制各动作速度及定位，杜绝干扰，排除误动作。
Driven by servo motor accurately control the speed and positioning of each movement, eliminate interference and false action.

合模保护

Mould Closing Protection

合模慢速消除冲击，延长模具寿命
Adjustable slow clamping speed eliminate impact to extend mould life span.



主要参数 Parameter

设备型号 Model	HJ-9574
模版尺寸 Plate size	950*750
加热方式 Heating method	电和油可选Electricity and oil are optional
定型压力 Forming pressure	40T
产品深度 Production height	80mm
生产周期 Cycle time	100-120

Design And Planning Of Slurry Supply System

供浆系统设计规划

供浆系统设计规划 Design of slurry supply system



大型纸塑制浆系统—湿压示范线
Large Pulping Systems



中型纸塑制浆系统—干压示范线
Medium Pulping System



小型纸塑制浆系统—干湿压示范线
Small Pulping Systems

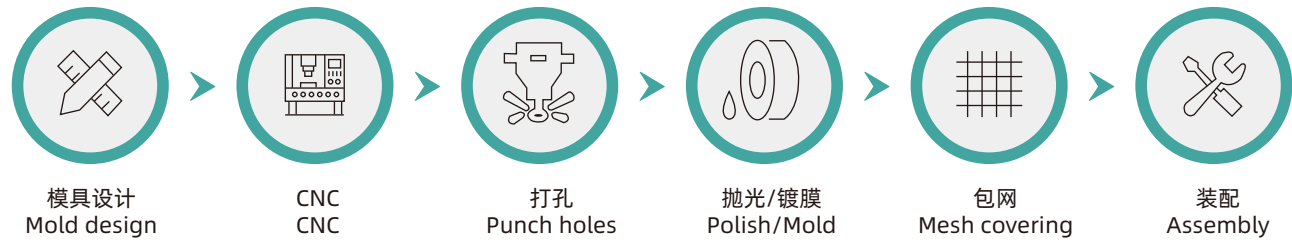
示意方案 Schematic Scheme



PULP MOLDING EQUIPMENT

纸浆模塑成型设备

模具制造与开发 Mold manufacturing and development



机器人模外转移成型机 Robotic out-of-mould transfer moulding machine

模具规格 Specs	节拍(视产品而定) Beat	产能(视产品而定) Energy conservation
980*950	50-56s/2模	600-800kg/22h
1100*1000	50-56s/2模	600-900kg/22h
定制 customize		湿压 wet pressing



机器人模内转移一体成型机 Out-of-mould transfer one-piece moulding machine

模具规格 Specs	节拍(视产品而定) Beat	产能(视产品而定) Energy conservation
800*600	24-120s/模	400-700kg/22h
1100*900	24-120s/模	400-900kg/22h
定制 customize		湿压 wet pressing



Pulp Molding Mold Workshop And Customer Factory

纸浆模塑模具加工车间及客户生产工厂



纸浆模塑制品质量在很大程度上取决于纸浆模塑模具的加工精度，所以，精湛的模具加工技术是纸浆模塑制品质量的可靠保证。

金纬公司拥有各类机床600多台套，可满足各种精度餐包和工包成型模具需求。

The quality of pulp molding products largely depends on the processing accuracy of pulp molding molds. Therefore, the exquisite mold processing technology is a reliable guarantee of the quality of pulp molding products.

JWELL company has more than 600 sets of various kinds of machine tools, which can meet the various precision of meal bag and work bag molding Mold requirements.



纸浆模塑整厂设计规划



模具制造及开发



自动化生产线与设备



供浆系统设计规划



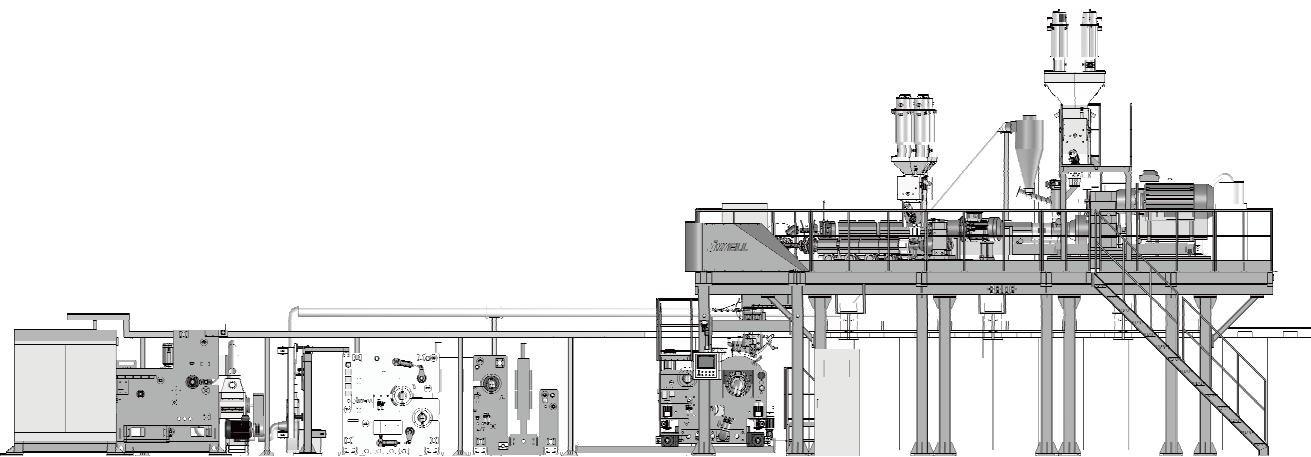
创新工艺生产技术



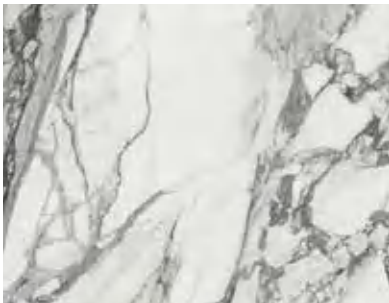
研发团队全球服务

CPP Cast Decorative Film Extrusion Line

CPP流延装饰膜生产线



产品特点 | Features



环保性 Environmental protection:
PVC在燃烧过程中产生有害气体，PP无毒无害。
PVC produces harmful gas during combustion, and PP is non-toxic and harmless.

耐久性 Durability:
PP表面耐磨性，耐高温性，立体性，抗冲击性远高于PVC制品。
PP surface has better wearproof, high temperature resistance and impact resistance than PVC products.

高仿真 High imitation:
仿木纹、大理石、皮革、拉丝等。
This film can be made to be imitation wood grain, marble, leather, brushed satin, etc.

应用领域 Application fields:
建筑装饰和包装，国家认证环保产品。
It is used in the field of building and ornament materials, packaging materials, and nationally certified environmental protection products.

生产线规格型号 | Production Line Specification

机型	模头宽度	制品宽度	产量	分层
Model	T-die	Products width	Capacity	Layers
	mm	mm	kg/h	
JCFPP-1650ZS-2	1650	1350	350-450	ABA LAYER
JCFPP-2900ZS-4	2900	2600	700-800	ABCD LAYER

CPE Cast Film Extrusion Line

CPE流延膜机组

全自动调节模头，可实现在线闭环控制；
Fully automatic adjustment of the die head, enabling online closed-loop control;

薄壁高效冷却成型辊，特殊螺旋流道设计，保证高速生产时薄膜定型效果的一致；
Thin-walled high-efficiency cooling forming roller and special spiral flow channel design ensure consistent film shaping effect during high-speed production;

配套负压双腔真空箱和静电压边装置，保证薄膜熔膜稳定；
Equipped with negative pressure double chamber vacuum box and static edge locking device to ensure the stability of film fusion;

高稳定性电晕处理装置，故障率低，可根据需要转换走向，处理薄膜的正反面。
High-stability corona treatment device with low failure rate. It can switch directions as needed to process the front and back sides of the film.



制品用途 | Applications of product

CPE复合基材膜：可与BOPA、BOPET、BOPP等产品复合-热封-制袋，应用于食品、服装等领域；
CPE composite base film: It can be laminated, heat sealed and bag-made with BOPA, BOPET, BOPP and other products, and is used in food, clothing and other fields;

CPE单层印刷膜：经热印-热封-制袋，应用于卷纸提袋包装、纸巾独立包装等；
CPE single-layer printing film: after heat printing-heat sealing-bag making, it can be used for roll paper bag packaging, paper towel independent packaging, etc.;

CPE镀铝膜：广泛用于软包装、复合包装，装潢、激光全息防伪、激光压印镭射等。
CPE aluminum coated film: widely used in flexible packaging, laminated packaging, decoration, laser holographic anti-counterfeiting, laser embossing laser, etc.

生产线规格型号 | Production Line Specification

机型	口模宽度	制品宽度	制品厚度	机械运行速度	最大产量
Model	Width of die	Products width	Products thickness	Max line speed	Max capacity
	mm	mm	mm	m/min	kg/h
JCF-2500PE	2500	2200	0.02-0.15	250	600
JCF-3000PE	3000	2700	0.02-0.15	200	750
JCF-3500PE	3500	3200	0.02-0.15	200	900

Cast Embossed Breathable Film Extrusion Line

CPE压纹透气膜生产线



产品特点 | Features

透气性 Breathability:
制品可在透气性和非透气之间转换。
The film can be made to be breathable or non-breathable.

触感 Touch:
外观独特，具备优质肤感，接触时并无沙沙声。
Unique appearance with premium skin feel and no rustling sound.

智能化 Intelligence:
配备自动厚度控制系统和高效的冷却辊，可生产透明度好、厚度变化小的CPE薄膜，配备了重量法批量计量系统，恒定气流切割。可控拉伸、可控定向。压纹、印刷、复合等都极为方便。
Equipped with automatic thickness control system and efficient cooling roller, it can produce CPE film with good transparency and small thickness change, equipped with gravimetric batch metering system, constant air flow cutting. Controllable stretch, controllable orientation. Embossing, printing, compounding, etc. are all very convenient.

应用领域 | Application Fields

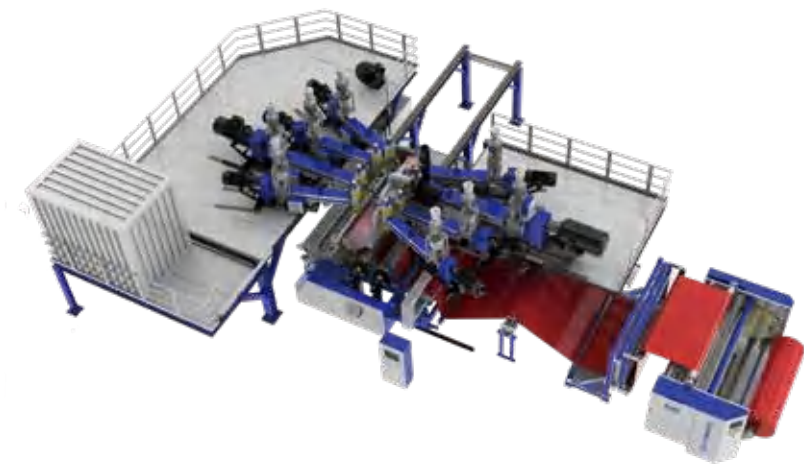
用于婴儿和成人的尿布的外层。Outer layer of diapers for babies and adults.
用于女性卫生用品的薄膜。Films for feminine hygiene products.
隔离衣，防护服。Isolation gowns, protective clothing.
保护膜：家具、汽车等表面保护的物品。Protective film: items for surface protection such as furniture and cars.

生产线规格型号 | Production Line Specification

机型	螺杆直径	模头宽度	制品净宽	制品厚度	线速度
Model	Screw diameter	T-die	Products width	Product thickness	Line speed
	mm	mm	mm	mm	m/min
JCFPE-120-1900	Φ 120	1900	1600	0.02-0.15	180
JCFPE-125-2300	Φ 125	2300	2000	0.02-0.15	180
JCFPE-135-2800	Φ 135	2800	2500	0.02-0.15	180

High Barrier Cast Film Extrusion Line

高阻隔流延膜机组

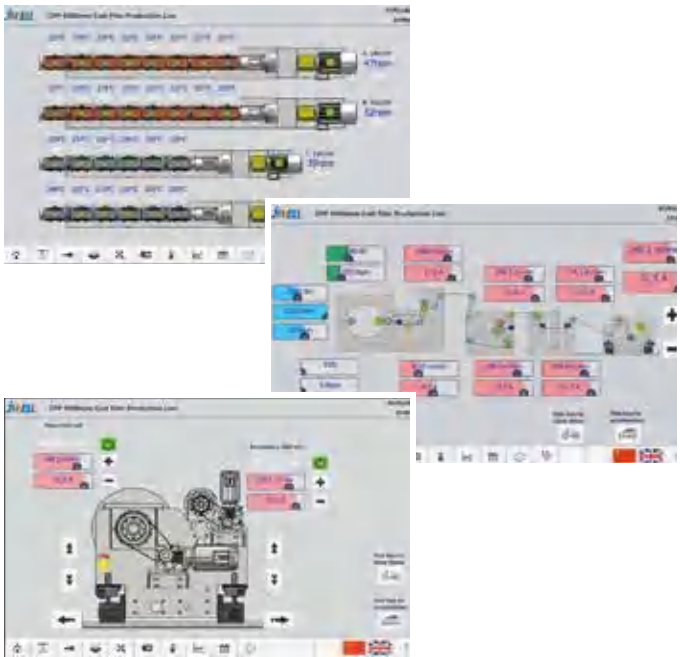


金纬机械具备生产最高9层高阻隔流延膜生产线的能力；
该设备适应性强，可针对不同牌号的PE、PP、PA、EVOH原料进行优化适应。

JWELL Machinery has the ability to produce up to 9 layers of high barrier cast film production lines; The equipment has strong adaptability and can be optimized and adapted to different brands of PE, PP, PA and EVOH raw materials.

金纬机械 JWELL-JCF 控制系统

检测、控制和调节
Detection, control and regulation
挤出机和模头的温度、压力监测
Temperature and pressure detection of extruder and die head
牵引、收卷速度控制及监测
Control and monitor the traction and winding speed
同步提速、降速及整线联动
Synchronous acceleration, deceleration and linkage of the whole line
产量控制及显示
Extrusion output control and display
故障提示及警告
Fault prompts and warnings

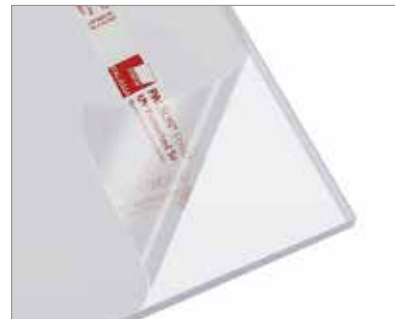


生产线规格型号 | Production Line Specification

机型	口模宽度	制品宽度	制品厚度	机械运行速度	最大产量
Model	Width of die	Products width	Products thickness	Max line speed	Max capacity
	mm	mm	mm	m/min	kg/h
JCF-2500ZG	2500	2200	0.03-0.25	150	600
JCF-3000ZG	3000	2700	0.03-0.25	150	700

PE Self-adhesive Protective Film Extrusion Line

PE自粘保护膜



应用领域：PE自粘保护膜是一种保护膜，被广泛应用于金属、装饰面板、玻璃等产品上，以及对胶水敏感的电子物品的表面保护上。

Application Field: PE self-adhesive protective film is widely used in electroplating, Metal surface, decorative panel, glass and other products, as well as surface protection of glue-sensitive electronic items.

优势：它具有更环保，更洁净，更稳定，贴合方便，不易脱落等优点。自粘性为表面自带粘性，而非涂胶，从产品表面撕除后无残胶。PE自粘保护膜最大的优点是被保护的产品在生产加工、运输、贮存和使用过程中不受污染、腐蚀、划伤，保护原有的光洁亮泽的表面，从而提高产品的质量及市场竞争力。

Advantages: It has the advantages of being more environmentally friendly, cleaner, more stable, easy to fit, and not easy to fall off. Self-adhesive means that the surface is self-adhesive, not glued, and there is no residual glue after being torn off from the surface of the product. The biggest advantage of PE self-adhesive protective film is that the protected product will not be polluted, corroded, scratched during production, processing, transportation, storage and use, and protect the original smooth and shiny surface, thereby improving product quality and market competitiveness.

应用行业：PE自粘保护膜被广泛应用于五金行业、光电行业、塑胶行业、印刷行业、装饰建材行业等领域。

Application Industry: PE self-adhesive protective film is widely used in hardware industry, optoelectronic industry, plastic industry, printing industry, decorative building material industry and other fields.

FILMLAB Series Casting Film Texting Line

FILMLAB系列流延试验线



应用场景：高校实验室、科研单位、石油化工、原料改性、配方开发等。

Application scenario: University laboratories, scientific research units, petrochemical industry, raw material modification, formulation development, etc.

生产线特点 | Production Line Features

采用全伺服驱动，确保生产线运行精确、低噪音、低震动。

Full servo drive to ensure accurate operation, low noise, low vibration of the production line.

采用模块化设计，使得生产线具备多用途的能力。

The modular design makes the production line have the ability of multi-use.

更高的安全设计标准、更小的占地空间。

Higher safety design standards, smaller footprint.





对于特殊的薄膜应用领域，**JWELL** 为薄膜生产线配置了在线的 **MDO** 单元。单轴拉伸工艺使得薄膜成型在如下方面变的可控，如拉伸强度、收缩率、刚度、阻隔性和光学特性等。此外，通过拉伸来达到薄膜的轻量化，仍将引领着流延膜行业增长的趋势。

For special film applications, **JWELL** has equipped the film extrusion line with an online **MDO** unit. The uniaxial stretching process makes film forming controllable in terms of tensile strength, shrinkage, stiffness, barrier properties and optical properties. In addition, the lightweighting of films through stretching will continue to lead the growth trend of the cast film industry.

Stretch Film Extrusion Line

薄膜拉伸生产线

主要应用于生产PE锂电池隔膜；PP、PE卫材透气膜；PP、PE、PET、PS热收缩包装行业等单、双向拉伸薄膜领域。
设备的主要构成：挤出机、模具、铸片、纵向拉伸、横向拉伸、自动收卷和控制系统组成。依托我司先进的整体设计和加工制造能力，研制的拉伸生产线具有以下特点：

- 特殊设计的纵拉辊筒
- 动力传动及控制系统采用国际知名品牌
- 控制系统采用精密PLC程序控制
- 拉伸精度高、速度快、整个机组的运行稳定

我司可根据客户需求，定制设计各类高精度拉伸薄膜机组：

1-10倍拉伸倍率，产品宽度范围500-3000mm，厚度范围0.018-0.3mm。

Stretch film production line is mainly used for PE lithium electric film; PP,PE breathable film; PP, PE, PET, PS thermo-shrinkage packing industrial.

The equipment is composed by extruder, die head, sheet cast, lognitudinal stretch, transverse stretching, automatic winder and controlling system. Relying on our advanced designing and processing ability, our equipment's features are:

- Special designed lognitudinal strech roller
- Driving and controlling system are from world famous brand
- Controlling system is from precision PLC program
- High stretch acuracy, high speed, and steady working status

We are able to design equipment as per customer's request with high acuracy stretch equipment:

1-10 streching ratio, width range will be 500-3000mm, thickness range will be 0.018-0.3mm.

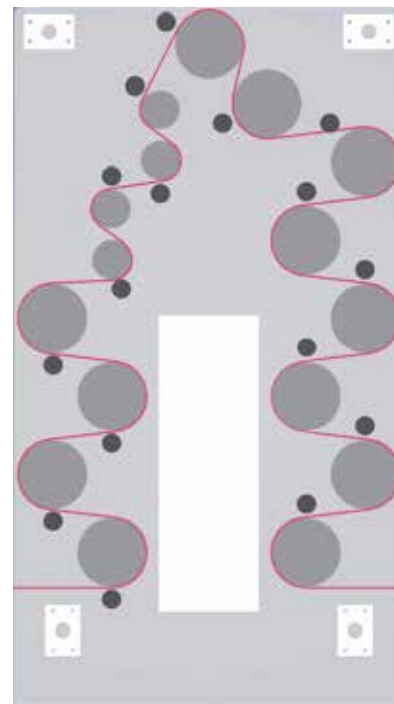


金纬机械在线MDO单元 | Jwell Machinery Online MDO Unit

我们具有多年的MDO相关经验积累
With many years of experience in MDO

产品应用 | Product application

- 自黏胶带
Self-adhesive tapes
- 手拆撕条
Hand tear strips
- 标签膜
Label film
- 泡沫膜-珍珠棉
Foamed film
- 用于PET抗老化、收缩率优化
Used for PET anti-aging and shrinkage optimization
- 阻隔膜
Barrier film



TPU High Speed Film Production Line

TPU高速薄膜生产线

设备特点：生产的制品薄，速度快，能耗低，生产的薄膜性能更佳。
制品应用：服装防寒服、保暖内衣、隔尿垫、家纺遮光窗帘等行业。
Equipment features: The final products are thin machine line speed is fast, low energy consumption, and the film produced has better performance.
Product applications: clothing, cold-proof clothing, thermal underwear, diaper pads, home textiles, blackout curtains and other industries.



生产线规格型号 | Production Line Specification

机型	制品宽度	制品厚度	线速度	设计挤出产量
Model	Products width	Products thickness	Line speed	Capacity
	mm	mm	m/min	kg/h
JWS90	2200-3600	0.007-0.05	90-120	150-200
JWS90/JWS90	2200-3600	0.007-0.05	180-200	300-400

TPU High-low Temperature/High-elastic Film Co-extrusion Line

TPU高低温薄膜/高弹膜生产线



生产线特点：通过2台或3台挤出机共挤的方式，将不同温度范围和硬度范围的TPU原料，一次性复合挤出成型。相比传统复合工艺，将高温、低温薄膜下线再复合，显得更经济、更环保、更高效。
制品广泛应用于止水条、鞋材、服装、箱包、文具、体育用品等等。
Features: Through co-extrusion of 2 or 3 extruders, TPU raw materials with different temperature ranges and hardness ranges can be extruded at one time. Compared with traditional processes, laminating high-temperature and low-temperature films offline is more economical, environmentally friendly, and efficient. Products are widely used in waterproof strips, shoe materials, clothing, bags, stationery, sporting goods, etc.

生产线规格型号 | Production Line Specification

机型	制品宽度	制品厚度	设计挤出产量
Model	Products width	Products thickness	Capacity
	mm	mm	kg/h
JWS90+JWS100	1000-2000	0.02-0.5	200-250
JWS90+JWS90+JWS90	1000-2000	0.02-0.5	200-300

PVA Water Soluble Film Coating Production Line

PVA水溶膜涂布生产线

本生产线采用一步法涂布烘干方式，生产线具备高速自动化，大幅降低生产成本和提高生产效率。

设备主要构成：溶体反应釜，精密过滤，精密狭缝涂布头，支撑辊轴，烘箱，精密钢带，自动收卷和控制系统组成。

基于PVA薄膜透明度好、印刷性能好、阻隔性能高，且能溶于水等优良特性,广泛应用于刺绣底衬膜，水转印印刷膜，凝珠包装膜，农药包装膜，环保快递袋等领域。

The production line adopts one-step coating and drying method. The production line has high-speed automation, greatly reduces the production cost and improves the production efficiency.

The main components of the equipment are: dissolving reactor, precision filter, precision T-die, support roller shaft, oven, precision steel strip, automatic winding and control system.

Based on PVA film good transparency, printing performance is good, high barrier performance, and can dissolve in water and other excellent properties, are widely used in embroidery backing film, water transfer printing film, condensate beads packaging film, Fabric laundry bags, pesticide packaging film, environmental protection express bags and other fields.



生产线规格型号 | Production Line Specification

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
1200型	800-1200	0.025-0.08	150-200
1400型	1000-1400	0.025-0.08	200-250

Optical Film Coating Equipment Series

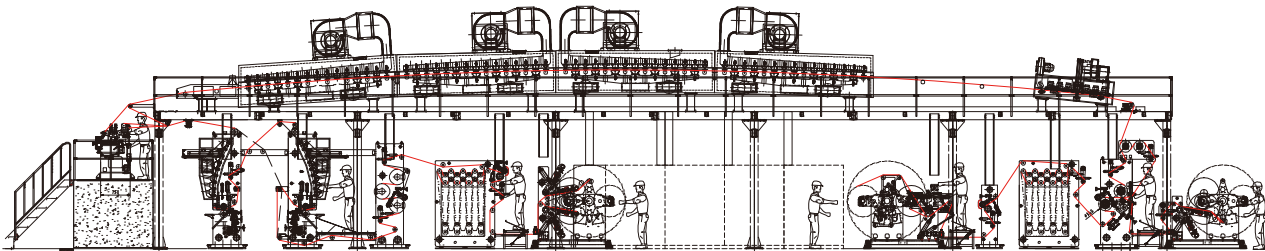
光学薄膜涂布设备系列

设备介绍：光学膜涂布设备由放卷组、放卷储料架+前牵引组、狭缝涂布单元、真空牵引组、烘箱供热组、光固化组、冷却牵引组、收卷储料架、收卷组组成。适用于隐形车衣膜、光学膜、离型膜、防爆隔热膜、硬化膜等涂布工艺。涂布基膜材料：TPU、PI、PE、PET、铝箔、铜箔、纸张等。

设备优点：光学膜涂布设备采用先进设计理念，具备超高精度性能，全自动控制收放卷、高精度涂布控制等先进的控制系统，实现生产线的自动化稳定运行。

Equipment introduction: Optical film coating equipment consists of unwinding group, unwinding accumulator + front haul-off unit group, slit coating unit, vacuum traction group, oven heating group, light curing group, cooling haul-off unit group, winding accumulator, winding group. Applicable to TPU invisible car film, optical film, release film, explosion-proof heat insulation film, hardened film and other coating processes. Coating base film materials: TPU, PI, PE, PET, aluminum foil, copper foil, paper, etc.

Advantages of the equipment: The optical film coating equipment adopts advanced design concepts, has ultra-high precision performance, fully automatic control of rewinding and unwinding, high-precision coating control and other advanced control systems to achieve automated and stable operation of the production line.



生产线规格型号 | Production line Specification

设备规格 Equipment specification	最高涂布速度 Operating speed	基材宽度 Base material width	涂布方式 Coating method	放收卷径 Unwind / Winding Diameter	接料方式 Splicing method
1250-2000 mm	Max.150 m/min	300-2000 mm	狭缝挤出涂布、微凹版涂布	Φ800 mm	不停机自动驳接

Functional Film Coating Equipment Series

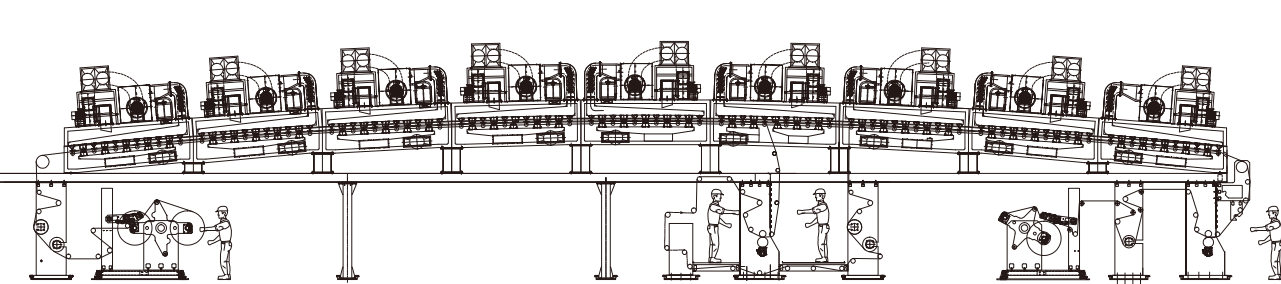
功能膜涂布设备系列

设备介绍：功能膜涂布设备由放卷组、前牵引组、涂布组、真空牵引组、烘箱供热组、冷却牵引组以及收卷组组成。该机适用于高阻隔单一材质涂布工艺。涂布基膜材料：BOPET、BOPP、CPP、MDOPE、PE、镀铝膜底涂面涂。

设备优点：MDOPE不停机自动裁切技术；涂布工作速度：Max.400m/min；专利烘箱干燥节能环保专利技术；高速涂布时张力控制精准，基膜拉伸率<0.5%。

Equipment introduction: Functional film coating equipment consists of unwinding group, front haul-off group, coating group, vacuum haul-off group, oven heating group, cooling haul-off group and winding group. This machine is suitable for high barrier single material coating process. Coating base film materials: BOPET, BOPP, CPP, MDOPE, PE, aluminized film bottom coating and top coating.

Advantages of the equipment: MDOPE non-stop automatic cutting technology; coating speed: Max. 400m/min; patented oven drying energy-saving and environmentally friendly patented technology; high-speed coating when the tension control is accurate, the base film stretch rate <0.5%.



生产线规格型号 | Production line Specification

设备规格	最高涂布速度	基材宽度	基膜拉伸率	放收卷径	接料方式
Equipment specification	Operating speed	Base material width	Base film stretching rate	Unwind / Winding Diameter	Splicing method
1650-2700 mm	Max.400 m/min	800-2700 mm	< 0.5%	Φ1000 mm	不停机自动驳接

Coating + Laminating Multifunctional Equipment Series For Soft Package

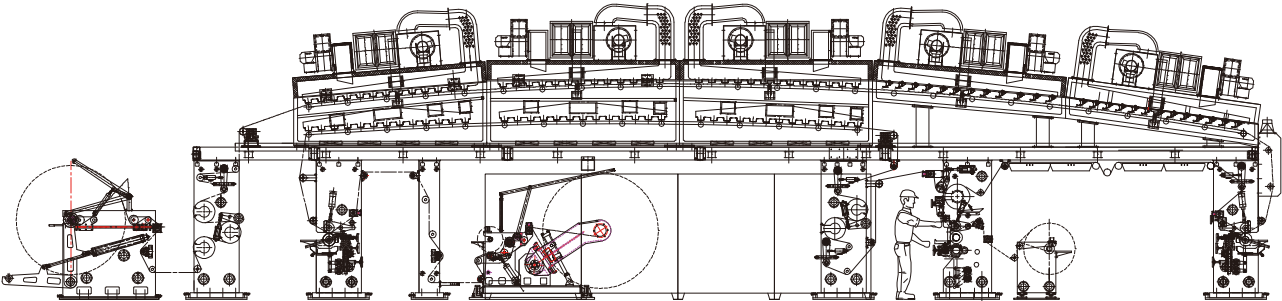
软包用涂布+复合多功能涂布设备系列

设备介绍：适用于铝箔、PET、BOPP、纸张等材料的干/湿复合生产工艺。同时可进行于涂布、复合、背面涂布及在铝箔或转移膜剥离后表面上色，兼剥离卷取，在经干燥、冷却、最后收卷。完成整套完整工艺流程。

设备优点：放卷单元单元采用液压升降无轴结构，配合6”、12”夹头。能有效的降低损耗，提高成品率；涂布单元采用三辊式涂布结构，适用于：面涂、背涂及上色。专利烘箱干燥节能环保专利技术；重要核心部件采用伺服驱动控制模块，高速运行时，保证整机张力控制精准度。

Equipment introduction: It is suitable for dry/wet lamination production process of aluminum foil, PET, BOPP, paper and other materials. At the same time can be carried out in the coating, composite, back coating and in the aluminum foil or transfer film after peeling the surface color, and peeling the roll, after drying, cooling, and finally winding. Completes the whole set of complete process.

Advantages of the equipment: The unwinding unit adopts hydraulic lifting shaftless structure, with 6", 12" chuck. It can effectively reduce the loss, improve the rate of finished products; coating unit adopts three-roller coating structure, suitable for: face coating, back coating and coloring. Patented oven drying energy-saving and environmentally friendly patented technology; important core components using servo-driven control module, high-speed operation, to ensure that the entire machine tension control accuracy.



生产线规格型号 | Production line Specification

设备规格	最高涂布速度	基材宽度	涂布方式	放收卷径	接料方式
Equipment specification	Operating speed	Base material width	Coating method	Unwind / Winding Diameter	Splicing method
1250-2100 mm	Max.150 m/min	400-2100 mm	辊涂式	Φ800 mm	不停机自动驳接

Single / Double-sided Coating Diaphragm Coating Equipment Series

单/双面涂隔膜涂布设备系列

设备介绍：水性隔膜涂布机由放卷单元、预热单元、牵引涂布单元、电加热热风烘箱干燥单元、定型冷却单元、收卷单元及电控系统等组成；把搅拌均匀的浆料均匀涂覆在基材上，保证尺寸、重量等在设计规格范围内，经干燥定型处理后收卷，为后工序做好前期准备，该机适用于电池隔离膜层的涂料均匀涂布。

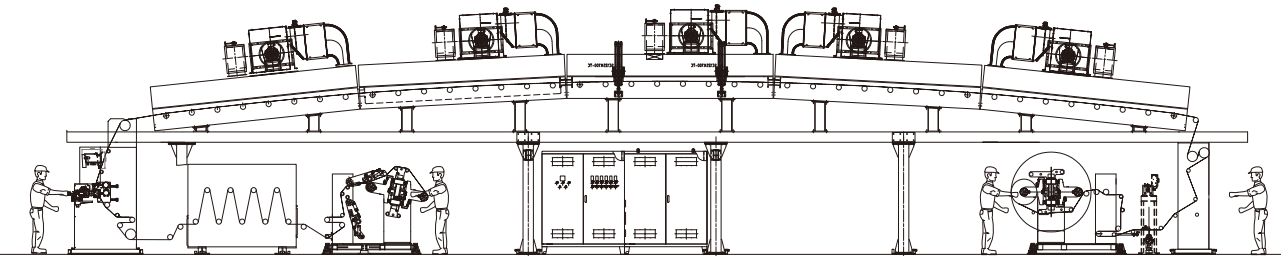
设备优点：本机集光、机、电气于一体，经过精心设计、精密加工制造、精细装配而成，具有涂布均匀、收卷盘面整齐、运行张力平稳、操作方便，是十分理想的隔膜水性涂布设备。

水性隔膜涂布机设计有立式和卧式两种机型供客户选择。

Equipment Description: Water-based diaphragm coating machine by the unwinding unit, preheating unit, Haul-off coating unit, electrically heated hot air oven drying unit, shaping and cooling unit, winding unit and electronic control system, etc.; the mixing of slurry uniformly coated on the substrate to ensure that the size, weight, etc. In the design specifications, after drying and shaping treatment after the winding for the latter process to make good preparations for the machine for the battery isolation film layers of the machine is suitable for the uniform coating of the battery isolation film layer.

Advantages of equipment: This machine integrates optical, mechanical and electrical in one, after careful design, precision machining and manufacturing, fine assembly, with uniform coating, neat winding disk, smooth running tension, easy to operate, it is a very ideal water-based diaphragm coating equipment.

The water-based diaphragm coating machine is designed with vertical and horizontal models for customers to choose.



生产线规格型号 | Production line Specification

设备规格	最高涂布速度	涂布层厚度	涂布方式	放收卷径	接料方式
Equipment specification	Operating speed	Coating thickness	Coating method	Unwind / Winding Diameter	Splicing method
1300 mm	Max.200 m/min	1.0-4.0 μm	连续转移吻涂/喷涂方式	Φ500 mm	不停机自动驳接

Wide Double-layer Laminating Production Line

宽幅双层淋膜生产线

功能：通过塑料挤出机对卷材表面进行复膜以达到提高产品的抗拉强度和防潮性能的效果。

用途：广泛应用于防水篷布、广告灯箱布、防水材料、建筑材料等产品。

适用基材：PP和HDPE编织布、无纺布等。

性能特点：配备双挤出机、双复合机，可以一次完成基材双面复合的功能。

Function: Laminating and coating raw material to strengthen flexibility and moisture proof.

Application: Widely used for water proof tarpaulin, pvc flex banner, water proof material, building material.

Suitable for: PP&HDPE woven fabrics, Non-woven fabrics etc.

Features: Double extrusion and double coating for one time coating.



生产线规格型号 | Production line Specification

螺杆直径	模口宽度	制品宽度	复合厚度	最大机械速度	装机功率
Screw dia	Die width	Product width	Coating thickness	Max. mechanical speed	Total power
130 mm	4500 mm	3500-4300 mm	0.012-0.05 mm	120 m/min	520 kw

Front and Back Double-sided Composite Laminating Production Line

正反双面复合淋膜设备

功能：通过塑料挤出机对卷材表面进行复膜或多种基材复合，以达到提高产品的抗拉强度和防潮性能的效果。
用途：广泛应用于化工冶金行业的化工袋、化肥袋、集装袋和方底阀口水泥袋；食品行业的大米袋、糖袋；水产、宠物饲料袋等产品；纸杯纸复膜、包装纸复膜等产品。
适用基材：PP和HDPE编织布、无纺布、纸张等。
性能特点：选配圆筒布180°转角折返装置，使设备不光具备生产宽幅基材复膜的功能、也能满足圆筒编织布一次双面复膜的生产要求。选配第二放卷机，可生产复合三合一产品。

Function: Use a plastic extruder to laminate the surface of the coil or compound multiple substrates to improve the tensile strength and moisture-proof performance of the product.
Usage: Widely used in chemical bags, fertilizer bags, container bags and square bottom valve mouth cementbags in the chemical and metallurgical industry; rice bags and sugar bags in the food industry; aquatic products, pet feed bags and other products; paper cup paper lamination, packaging paper Lamination and other products.
Suitable for: PP&HDPE woven fabrics, Non-woven fabrics, paper.
Features: The optional 180° turning-back device for cylindrical fabrics enables the equipment to not only produce wide-width substrate lamination, but also meet the production requirements for double-sided lamination of cylindrical woven fabrics at one time. Optional second unwinding machine can produce composite three-in-one products.



生产线规格型号 | Production line Specification

螺杆直径	模口宽度	制品宽度	复合厚度	最大机械速度	装机功率
Screw dia	Die width	Product width	Coating thickness	Max. mechanical speed	Total power
100 mm	1700 mm	900-1500 mm	0.012-0.05 mm	180 m/min	130 kw

Medical Food Aseptic Packaging Material Coating Composite Production Line

医用食品无菌包材淋膜复合生产线

技术参数：
机械速度：200m/min 或300m/min
机器规格：1200mm、1450mm
有效宽度：1200机型(600~ 1100mm)、1450机 型(800~ 1350mm)
关键词：无菌包装专用三联多层共挤出复合生产线
产品分类：液体无菌包装挤出复合机

Technical parameters:
Mechanical speed: 200m/min or 300m/min
Machine specifications: 1200mm, 1450mm
Effective width: 1200 models (600 ~ 1100mm), 1450 models (800 ~ 1350mm)
Key words: Triple multi-layer co-extrusion composite production line for aseptic packaging
Product classification: Liquid aseptic packaging extrusion composite machine



生产线规格型号 | Production line Specification

螺杆直径	模口宽度	制品宽度	最大线速度	装机功率
Screw dia	Die width	Product width	Max. mechanical speed	Total power
120 mm	800-1600 mm	600-1350 mm	200-300 m/min	400 kw

Bopp Double Side Lamination Machine With Autoregistratton System

BOPP双面彩膜自动对版复合设备

功能：通过塑料挤出机对卷材表面进行复膜或多种基材进行复合，以达到提高产品的抗拉强度和防潮性能的效果。边、平口或自封阀口的中缝复合袋、纸塑中缝复合袋及BOPP中缝复合袋。

用途：广泛应用于化工冶金行业的化工袋、化肥袋和水泥袋；食品行业的大米袋、糖袋；水产、宠物饲料袋等产品。

适用基材：PP和HDPE编织布、无纺布、纸等。

性能特点：双挤出机、双复膜机可同时完成基材的双面复合。配备最新的双面彩膜自动对版系统，此系统能够让正反双面图案对准更精确，速度更快、操作简便、人工更少。

Function: The plastic foaming machine is used to laminate the surface of the coil or combine multiple base materials to achieve the effect of improving the tensile strength and moisture-proof performance of the product. Center-seam composite bags with sides, flat mouth or self-sealing valve, paper-plastic center-seam composite bags and BOPP center-seam composite bags.

Application: Bags for chemical, fertilize, cement, rice, sugar, aquatic products, pet food; paper laminating.

Suitable for: PP&HDPE woven fabrics, Non-woven fabrics etc.

Features: Double extruder and double lamination machine can laminate the both side of film at once. Auto registration for higher accurate color matching on both sides. Higher speed and easier operation, less worker.



主要技术参数 Main technical parameters

螺杆直径	模口宽度	制品宽度	复合厚度	最大机械速度	装机功率
Screw dia	Die width	Product width	Coating thickness	Max. mechanical speed	Total power
80 mm	1050 mm	280–780 mm	0.012–0.05 mm	230 m/min	120 kw

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.

Single Layer Or Multi-Layer Coating Film Extrusion Line

单层或多层淋膜涂覆复合生产线

应用范围：纸塑复合、铝塑复合、塑塑复合、纸铝塑复合。

金纬产品主要有牛奶、液体无菌包装材料挤出复合生产线；高档数码相纸挤出流涎复合生产线；牙膏片材挤出复合生产线；预涂膜、护卡膜挤出流涎复合生产线；糖果、食品高阻隔包装材料挤出复合生产线；医药高阻隔包装材料挤出复合生产线；方便面淋膜复合生产线；纸杯纸、纸餐盒淋膜机以及单面淋膜、双面淋膜、单层挤出、双层共挤、三层共挤生产线等高品质设备。

Application range: Paper-plastic composite, Aluminum-plastic composite, Plastic-plastic composite, Paper-aluminum plastic composite.

JWELL coating film production lines, including milk, liquid asepsis packing film co-extrusion line, high-class digital printing paper extrusion and laminating composite production line,toothpaste sheet extrusion line, pre-coating film and card film extrusion and laminating composite production line, candy and food high barrier packaging material extrusion line, medical barrier packaging sheet extrusion line, instant noodle coating film production line, papercups and paper food containers drench film machine, single or double sides coating film, single, double or three layers co-extrusion lines.



主要技术参数 Main technical parameters

挤出机规格 Model	JW90/33, JW45/30	JW100/33, JW45/30	JW120/33,JW65/33
涂覆级树脂 Coating material	LDPE、LLDPE、PP、EVA、EAA、EMA、EMAA		
基材 Base material	BOPP、BOPET、BOPA、CPP、CPE、薄纸Paper、铝箔Aluminum Foil		
淋膜厚度 Coating thickness	0.012–0.1mm (误差error≤3%–5%)		
淋膜宽度 Coating width(mm)	400–700	1000–1250	1500–1700
辊筒直径 Roller dia.(mm)	500	600	800
设计线速度 Design line speed(m/minm)	80–150	100–200	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.

APET/PETG/PLA Single Screw Sheet Extrusion Line

APET/PETG/PLA单螺杆片材生产线

APET、PETG、PLA单层及多层共挤片材生产线是目前国内技术先进、工艺成熟、设备稳定的片材生产线之一，与国内同类设备相比，综合效能高30%以上，此生产线同时也可用于生产 APET、PETG、CPET 等片材制品。

APET, PETG, PLA single-layer or multi-layer sheet extrusion machine. It's one of the most advanced production lines with matured technology and stability in China. Compared with other same kind of equipment, it's over 30% higher in overall efficiency. This line is suitable for APET,PETG,CPET as well.

PETG俗称低温PET，产品具有高光泽、高透明、有优良的阻隔性、自粘性的新型环保包装材料。可用于胶水粘合、高周波加工。

PETG is called low temperature PET. It's a new environment-friendly packing material with features such as high luster, good transparency, excellent barrier property, self-adhesion, which is used for glue bonding and high-frequency processing.

聚乳酸PLA是可降解树脂，可用于水果、蔬菜、鸡蛋、熟食和烘烤食品的硬包装,也可用于三明治、饼干和鲜花等商品的包装。

PLA is kind of biodegradable material. PLA can be used in rigid package of fruits, vegetables, eggs, cooked food and roast food, also can be usedfor packaging of sandwich, biscuit and some other packages like fresh flower.



主要技术参数 Main technical parameters

机型 Model	共挤线 Multi layer	单层线 Single layer	高效Highly-efficient
挤出机规格Extruder specification	JW120/65-1000	JW120-1000	JW150-1500
制品厚度 Thickness of the product(mm)	0.20-1.5	0.2-1.5	0.2-1.5
主电机功率 Main motor power(kw)	132/45	132	200
最大挤出产量 Max extrusion capacity(kg/h)	600-700	500-650	800-1000

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.

PET/PLA Co-rotation Twin Screw Sheet Extrusion Line

PET/PLA同向平行双螺杆片材生产线

PET/PLA环保片材生产线：金纬推出的双螺杆免干燥排气型PET/PLA片材生产线具有低能耗、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/PLA树脂的粘度值，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吸塑印刷包装等领域。

PET/PLA environmental sheet extrusion line: JWELL develops the parallel twin screw extrusion line for PET/PLA 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 of PET/PLA 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 thermo-forming packaging industry.



主要技术参数 Main technical parameters

机型	挤出机规格	制品厚度	主电机功率	最大挤出产量
Model	Extruder model	Products thickness(mm)	Main motor power(kw)	Max extrusion Capacity(kg/h)
高效Highly-efficient	JWE95/44+JWE65/44-1500	0.15-1.5	250/75	1000-1200
高效Highly-efficient	JWE110+JWE65-1500	0.15-1.5	355/75	1100-1500
高速线1 High speed 1	JWE75/40-1000	0.08-1.0	160	70-80m/min
高速线2 High speed 2	JWE95/40-1000	0.08-1.0	250	100-110m/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.

PP/PS High Efficient Sheet Extrusion Line

PP/PS高效节能片材生产线

研制开发的PP/PS片材生产线，用于生产多层复合环保片材，该片材主要用于吸塑成型各类食品容器和包装，如：托盘、面碗、饭盒、糕盒、水果盘等。该设备可有效的利用石粉比例，既降低片材原料成本，又提高片材的可降解性并保证片材的综合物理性能和后续可加工性能。

Developed by Jwell company, this line is for producing multi-layer environmental-friendly sheet, which is widely used for vacuum forming, green food container and packaging, different kinds of food packaging container, such as: salver,bowl, canteen, fruit dish, etc. Adopting maxim talc percentage in the sheet production, either customer will be able to reduce the cost of the sheet or increase the sheet degration character as well as gaining good physical properties and further processing abilities.



主要技术参数 Main technical parameters

机型 Model	JWS120-1000	JWS130A-1000	JWS130B-1000	JWS130/60-1200
片材宽度 Width(mm)	800	800	800	1000
片材厚度 Thickness(mm)	0.3-2	0.3-2	0.3-2	0.3-2
生产能力 Capacity(kg/h)	500-600	700-900	1000-1200	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.

Automotive Interior Composite Plate Extrusion Line

TPU/ABS 车用内饰复合板材生产线

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 deco-ration. It adopts multi manifold procee to make TPU coat on ABS instead of glue coating so that the finished prod-uct does not release formaldehyde 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 parameters

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	Φ120/38、Φ80/35	Φ130/38、Φ90/35
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.

PC/PMMA/GPPS/ABS Plastic Sheet & Plate Extrusion Line

PC/PMMA/GPPS/ABS塑料片板材生产线

适用范围：园林、游艺场所奇异装饰及休息场所的廊亭；商业建筑的内外装饰品，现代城市楼房的幕墙；航空透明集装箱、摩托车前风挡、飞机、火车、轮船、汽车、汽船、潜艇及玻璃军警盾牌；电话亭、广告路牌、灯箱广告展示展览的布置；高速公路及城市高架路隔音屏障。

Garden, recreation place, decoration and the corridor pavilion; Internal and external ornaments in the commercial building, curtain wall of the modern urban building; transparent container of aviation, the windscreen before the motorcycle, the plane, the train, the steamer, the submarine, army and police's shield, the telephone booth, advertising signpost, the advertisement of the lamp houses, the expressway and overhead way of the city partition protective screen.



主要技术参数 Main technical parameters

型号 Model	JWS130/38-2200	JWS120/38-1400
适用原料 Material	PC, PMMA, GPPS, ABS	PC, PMMA, GPPS, ABS
制品宽度 Products Width(mm)	2200	1400
制品厚度 Products Thickness(mm)	1.5-10	1.5-10
挤出机规格 Extruder Specification	Ø130/38; Ø45/30	Ø120/38
最大挤出产量 Capacity (Max.)(kg/h)	600-1000	500-600

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.

PP Honeycomb Board Extrusion Line

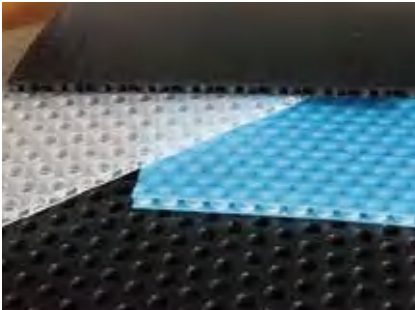
PP蜂窝板生产线

产品主要用途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；应用于制作各种高强度包装箱。

Main application used for car trunk cover board, trunk clapboard, trunk carpet substrate, side wall decoration board, ceiling or other interior places. Used for manufacturing different kinds of high strength packing box.

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 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.



主要技术参数 Main technical parameters

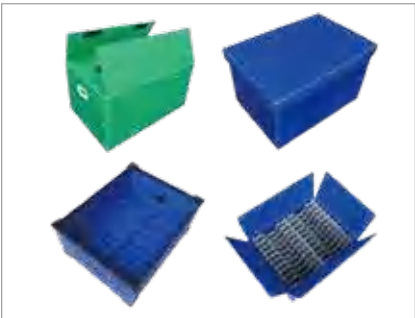
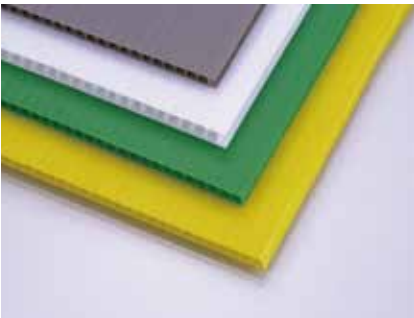
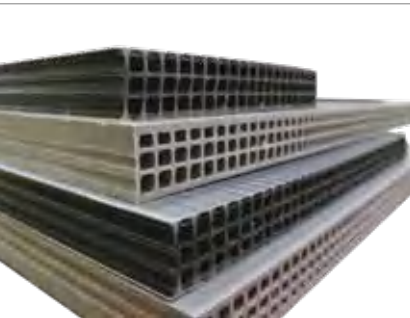
机型 Model	适用原料 Suitable material	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	设计挤出产量 Capacity(kg/h)
JWS75/75/75	PP	1200-1600	2-12	350-450
JWS100/100/100	PP	1200-2000	2-20	600-700

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.

PP/PE Plastic Hollow Cross Section Plate Extrusion Line

PP/PE中空格子板生产线

PP中空格子板因具有材质轻，强度高，防潮；良好的环保性能和二次加工性能，可加工成周转箱，包装箱等。
The pp hollow cross section plate is light and high strength, moistureproof. Good environmental protection and refabrication perform mance can be processed into the reusable container, packing case, clapboard, backing plate and cullet.



主要技术参数 Main technical parameters

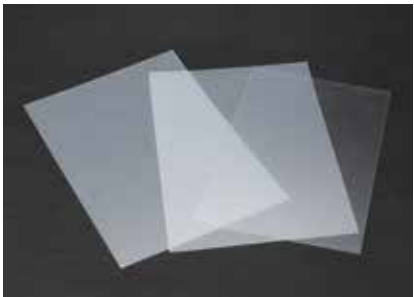
挤出机规格 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	最大挤出产量 Designed capacity(kg/h)
JWS120	1200-2100	2-8	350
JWS150	1200-2600	2-8	500
JWS100+JWS65	915	12-16	400
JWS150+JWS90	2000	12-16	600

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 Transparent Soft and Rigid Sheet Extrusion Line

PVC透明硬片/软片/PVC装饰片材生产线

PVC挤出透明片材具有阻燃自熄、质优价廉、透明度高、表面光泽好、晶点少、水纹小、耐冲击性强且易于成型等特点，广泛应用于各类工具、玩具、电子、食品、医药、服装等行业的吸塑、折盒、包装等。
PVC装饰片主要用于酒店、餐馆、办公室、厨房灯地方的内外墙装饰。
PVC transparent rigid sheet extrusion line PVC transparent sheet have many advantages of fire-resistance, high quality, low cost, high transparent, good surface, no spot,less water wave, high strike resistance, easy to mould and etc. It is applied to different kinds of packing ,vacuuming and case, such as tools, toys, electronic, food, medicine and clothes.
PVC decoration plate line Product application: For decoration in hotel,restaurant,office, inner wall of villa,kitchen,toilet and it can be used for outside wall decoration,celling,table cloth,flooring and etc.



主要技术参数 Main technical parameters

制品 Product	PVC硬片 PVC transparent rigid	PVC软片 PVC transparent soft sheet
制品宽度 Product width(mm)	800-2100	200-2400
制品厚度 Product thickness(mm)	0.2-3	0.2-6
产量 Capacity(kg/h)	300-600	100-500
机型 Machine model	SJZ80/156、92/188	JWS105、120、150

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.

PC Hollow Sheet/U-shaped/U Locked Sheet Extrusion Line

PC中空格子板/U型锁扣板生产线

PC中空格子板、U型锁扣板应用：
办公楼、大厅、商场、体育场馆、公用设施的采光顶；
车站、停车场、凉亭、休息厅走廊的雨棚；
高速公路及城市高架路隔音屏障。

PC hollow sheet, U-shaped/U locked sheet extrusion line :
Construction of sunroof in buildings ,halls, shopping center, stadium, public places of entertainment and public facility.
Rain shield of bus stations ,garages, pergolas, corridors.
Transparent shields for security forces in nursery schools airports, factories.



主要技术参数 Main technical parameters

挤出机规格 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	最大挤出产量 Designed capacity(kg/h)
JWS100+JWS45	1220	4-40	350
JWS120+JWS45	2100	4-40	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.

Soft PVC/TPO/EVA/PE Roll Extrusion Line

软质PVC/TPO/EVA/PE卷材生产线

软质PVC地板革具有耐磨、耐腐、防滑、防渗、阻燃的特性，广泛用于车厢、机场等公共场所地面。用于门帘、隔热、餐桌铺垫用途。PVC、TPO、EVA、PE等卷材还可用于汽车脚垫、建材隔音、地板隔音层、瑜伽垫等用途。配置不同的设备组件，可生产多层复合、表面覆膜的产品以及生产加筋内增强产品。

Soft PVC floor leather has the characteristics of wear resistance, corrosion resistance, anti-skid, anti-seepage and flame retardant, and is widely used on the ground of public places such as carriages and airports. Used for door curtains, heat insulation, table padding. PVC, TPO, EVA, PE and other coils can also be used for car floor mats, building materials sound insulation, floor sound insulation layers, yoga mats, etc. Equipped with different machine components, it can produce multi-layer composite, film-coated products and reinforced and internally reinforced products.



主要技术参数 Main technical parameters

机型 Model	技术优点 Equipment advantages
PVC卷材生产线 PVC roll production line	采用异向锥双、平双以及单螺杆主机 制品厚度：0.5-3mm，产能：400-800kg/h counter-rotating conical twin screw extruder, parallel twin screw extruder and single screw extruder are used Product thickness: 0.5-3mm, Capacity: 400-800kg/h
TPO/EVA/PE卷材生产线 TPO/EVA/PE roll production line	采用单螺杆或同向平双主机 制品厚度：0.5-3mm，产能：400-800kg/h single screw extruder and co-rotating parallel twin screw extruder used Product thickness: 0.5-3mm, Capacity: 400-800kg/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.

IXPE Foaming Coil Extrusion Line

IXPE发泡卷材生产线

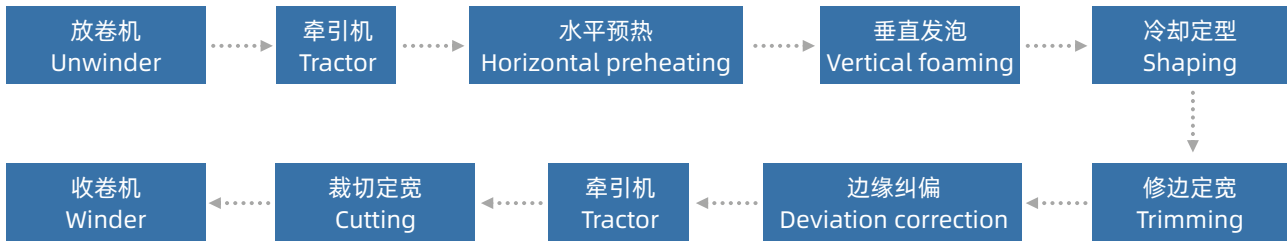
功能 FUNCTION

- ◎ 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

生产步骤 Production steps



流程 STEP



主要技术参数 Main technical parameters

加热类型 Heating type	天然气加热 LNG/PNG/LPG	电加热E lectric 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.



XPE Coil Foaming Extrusion Line

XPE交联聚乙烯发泡生产线



XPE(IXPE)是一种自由式连续发泡的材料。表面光洁、泡孔密闭、独立、均匀、不吸水的软质材料。和其它类似产品相比较，其性能更加优良，特别是在环保、阻燃、绝缘、防水、防潮、减震、缓冲、回弹、保温、隔热、耐候性、耐老化性、耐药品性、质轻、易加工成型、无公害等方面是其它材料无法同时兼备的，所以XPE(IXPE)作为内衬芯材、外包装材被广泛应用到汽车内饰、体育休闲、旅游用品、包装、冷冻、建筑、家庭装饰、公共场所装饰、以及鞋材、箱包、摩擦材料、农林水产、海洋航海工业、儿童玩具、医疗保健及各种日用百货行业等领域。

XPE发泡炉性能优点：

- 1、将预热，交联段做了较大的改变，在满足工艺要求的情况下，减小了热容空间，同时又节省了能源。
- 2、产量大。在目前国内生产的发泡炉中，我们的三段炉产量最大（最大200公斤/小时以上）。而且XPE泡孔比两段炉要细密。燃气用量与两段炉相当。
- 3、发泡段的墙板上设置了观察孔，同时在发泡炉出口处设置了挡板结构，根据生产制品的情况来调整炉口尺寸，从而达到节能的效果。
- 4、发泡倍率最大可达35-40倍。

主要技术参数 Main technical parameters

挤出机 Extruder	JWS150/28	JWS170/28	JWS180/28
螺杆转速 Screw speed Max	10-30	10-30	10-30
最大挤出量 Max output(KG/H)	180-200	200-240	320-350
制品宽度 Width(mm)	1100-2000	1100-2200	1100-2200
制品厚度 Thickness(mm)	2-15	2-15	2-15
主电机功率 Power of main motor(KW)	132	160	185
总装机功率Total power(KW)	317	380	420

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.



XPE(IXPE) is a kind of free-style continuous foaming material. The surface is bright and clean, bubble hole is airtight, independent, even, not bibulous soft qualitative material. Compared with other similar products, its performance is more excellent, especially in environmental protection, flame retardant, insulation, waterproof, moisture-proof, shock absorption, buffering, resilience, heat preservation, heat insulation, weather resistance, aging resistance, drug resistance, light weight, easy processing and molding, pollution-free and other aspects are other materials can not simultaneously. Lining so XPE (IXPE) as core material and packing material has been widely applied to automobile interior trim, sports leisure, tourism supplies, packaging, refrigeration, building decoration, home decoration, public, as well as shoes, bags, friction materials, agriculture, forestry and fisheries, Marine navigation industry, children's toys, health care, and various kinds of general merchandise industry, and other fields.

Performance advantages of XPE foaming furnace:

The preheating and cross-linking sections are greatly changed, and the heat capacity space is reduced when the process requirements are met. It also saves energy.

Large output. Among the foaming furnaces produced in China at present, our three-stage furnaces produce the maximum output (maximum 200kg/h or more). And XPE bubble hole than two-stage furnace is closer. The gas consumption is equal to that of the two furnaces.

Observation holes are set on the wall board of the foaming section. At the same time, a baffle structure is set up at the outlet of the foaming furnace to adjust the size of the hearth according to the production of products, so as to achieve the effect of energy saving.

The foaming rate can be as high as 35-40 times.



TPO/PVC+PP Composite Extrusion Line

TPO/PVC+PP发泡汽车内饰表皮复合压花生产线

汽车内饰表皮复合材料应用于中高级汽车仪表板表皮和汽车侧门板，座椅等内饰，该生产线可在线实现复合压花一次成型，具有生产效率高，复合粘结牢固，花纹更改便利等优点。
Automobile interior skin composite materials are used in the interior of mid-to-high-end automobile instrument panel skins, automobile side door panels,seats and other interiors.This production line can realize online composite embossing and one-time shaping.It has advantages of high production efficiency,firm composite bonding,and convenient pattern modification.



主要技术参数 Main technical parameters

机型 Mode	FH-1600/1800
复合厚度 Products thicknessl	0.5-0.8mm
制品宽度 Products width	1600-1800mm
最大速度 Max speed	10m/min
主机功率 Main motor power	280kw

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 Invisible Braces Production Line

TPU隐形牙套生产线

TPU隐形牙套优点：
美观性:几乎完全隐形。您将在别人毫无察觉中完成牙齿矫正，解决了许多患者对矫正牙齿的美观顾虑。
舒适性:没有传统意义上的托槽、钢丝等矫正装置，矫正过程不再痛苦。对牙周组织的刺激及不适感最低。
便捷性:可自行摘戴，不影响社交、进食、运动等。同时复诊次数减少，节约您的宝贵时间。
易清洁:口腔卫生容易维护，不必担心牙龈炎、牙齿脱矿、变色等问题。
Advantages of TPU invisible braces.
Aesthetics: Almost completely invisible. You will complete your orthodontic treatment without anyone noticing, solving many patients' aesthetic concerns about straightening their teeth.
Comfort: Without brackets, wires and other orthodontic devices in the traditional sense, the orthodontic process is no longer painful. There is minimal irritation and discomfort to periodontal tissues.
Convenience: You can take them off and on without interfering with socializing, eating or exercising. At the same time, the number of follow-up visits is reduced, saving your valuable time.
Easy to clean: Oral hygiene is easy to maintain without worrying about gingivitis, tooth demineralization, discoloration, etc.



主要技术参数 Main technical parameters

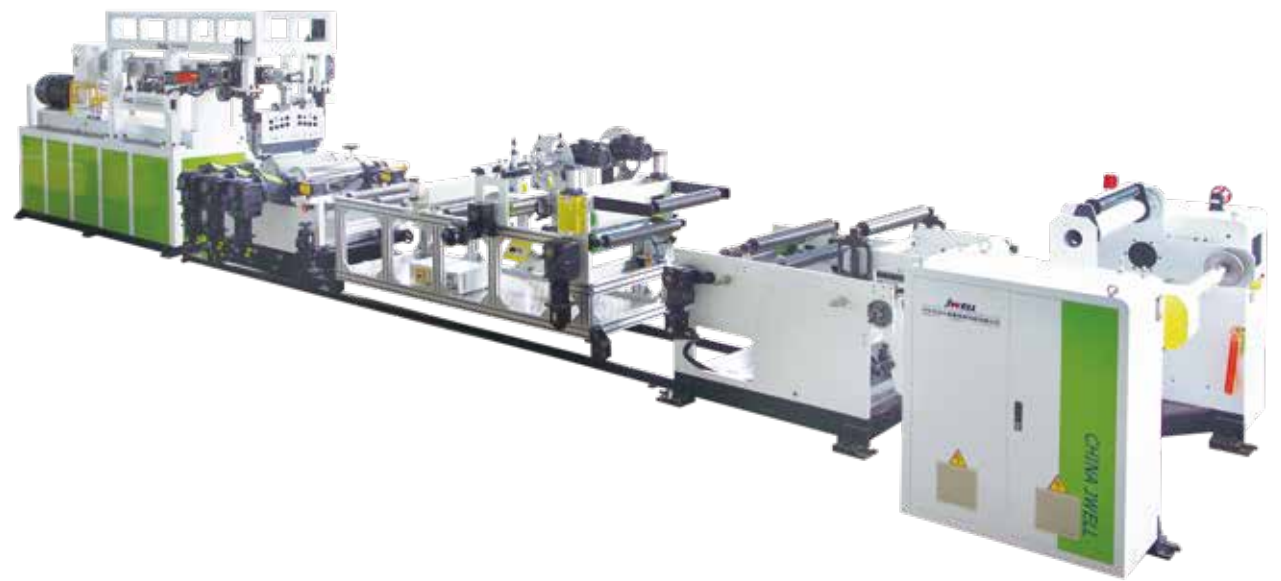
机型	制品宽度	制品厚度	设计挤出产量
Model	Products width	Products thickness	Design extrusion output
JWS65	400-700mm	0.3-1.0mm	30-50kg/h
JWS55/JWS80	600-900mm	0.3-1.0mm	50-120kg/h
JWS45/JWS80/ JWS45	600-900mm	0.3-1.0mm	80-150kg/h

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.

PVC/EVA Medical Film Extrusion Line

PVC/EVA医用软袋膜生产线

PVC/EVA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、输液袋、尿袋、引流袋等领域。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。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。PVC/EVA soft bag is developed overcoming the shortcomings of glass bottles, with good chemical resistance, good temperature resistance performance. Main application: blood bag, infusion bag, urine bag, drainage bag and other fields. 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. 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.



主要技术参数 Main technical parameters

机型 Model	JWS45/28-500	JWS90/28、JWS120/28-1500
适用原料 Material	PVC/EVA	PVC/EVA
制品宽度 Products width(mm)	100-300	800-1000
制品厚度 Products thickness(mm)	0.15-0.45	0.15-0.45
挤出机规格 Extruder specification	JWS45/28	JWS120/28
设计挤出产量 Designed extrusion output(kg/h)	20	150-300

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.

Medical Grade Cast Film Extrusion Line

医疗级流延膜生产线

金纬机械 JWMD 系列医疗级流延膜生产线，按万级实验室要求打造，具有占地面积小、多用途、设备轻量化设计、拆装方便等特点。The JWMD series medical grade cast film production line of JWELL Machinery is built according to the requirements of a 10,000-level laboratory. It has the characteristics of small floor space, multi-purpose, lightweight equipment design, and easy disassembly and assembly.



JWMD 系列生产线应用领域

- TPU/EVA医用膜，用于输液袋、血浆袋、伤口敷料等
- TPU/EVA medical film, used for infusion bags, plasma bags, wound dressings, etc.
- TPU/PETG 牙片，用于牙齿整形
- TPU/PETG dental tablets for tooth shaping
- PE隔离膜，防护服
- PE isolation film, protective clothing

主要技术参数 Main technical parameters

机型	口模宽度	制品宽度	制品厚度	机械运行速度	最大产量
Model	Width of die	Products width	Products thickness	Max line speed	Max capacity
	mm	mm	mm	m/min	kg/h
JCF-400MD	400	200	0.1-0.5	10	10
JCF-600MD	600	400	0.1-0.5	10	15
JCF-800MD	800	600	0.1-0.5	10	20

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.

PP/PE/PA/PETG/EVOH Multilayer Barrier Sheet Co-extrusion Line

PP/PE/PA/PETG/EVOH多层共挤阻隔片材生产线

EVOH材料具有良好的阻隔性能，通过与PP、PE、PA、PETG等材料共挤，加工成5层、7层、9层结构的高阻隔轻型包装材料，主要应用于无菌包装、果冻饮品包装、奶制品包装、冷鲜鱼肉制品包装，在非食品方面，用于药品包装、易挥发溶剂包装等领域，阻隔性能优异，大大提高了产品的保存保质时间。

EVOH material has good barrier properties. Through co-extrusion technology with PP, PE, PA, PETG and other materials, it can be processed into 5-layer, 7-layer, and 9-layer high-barrier lightweight packaging materials, mainly used in aseptic packaging, jelly drinks , dairy products, chilled fish and meat products packaging etc. In the non-food aspect, it is used in pharmaceutical, volatile solvent packaging and other fields, with excellent barrier properties, which greatly improves the shelf life of products.



主要技术参数 Main technical parameters

机型 Model	7层共挤线 7 layers co-extrusion	9层共挤线 9 layers co-extrusion
挤出机机型 Extruder model	120/75/50/60/75	75/100/60/65/50/75/75
制品宽度 Products width(mm)	800-1200	800-1200
制品厚度 Products thickness(mm)	0.2-0.5	0.05-0.5
设计挤出产量 Designed extrusion output(kg/h)	500-600	700-800

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.

PC/PMMA Optical Sheet Extrusion Line

PC/PMMA光学片材生产线

PC/PMMA光学片材生产线为了满足市场的需要，金纬公司凭借先进的工艺技术及装备向用户提供了光学级片材生产线。根据原料的流变性设计的专用螺杆和精密的计量泵系统和模具保证了熔体的均匀稳定和片材优异的光学性能；精密的压光系统给片材的机械物理性能提供了保障。产品主要应用于汽车工业；电子、电器工业的薄膜开关；电脑、手机、商务通的液晶显示屏；太阳镜、太阳帽、镀膜、防护面罩；特种印刷；医药包装等领域。

PC/PMMA Optical Sheet Extrusion Line To meet the demands of market, JWELL supply customer PC/PMMA optical sheet extrusion lines with advanced technology, the screws are specially designed according to the rheological property of raw material, precise melt pump system and T-die, which makes the extrusion melt is even and stable and the sheet has excellent optical performance. Precise calender system guarantees the mechanical & physical properties of sheets. It is mainly used in automotive industry, film switch of electronics, LCD for computer, mobile, sunglass, helmet,special printing, medicine packing and so on areas.



主要技术参数 Main technical parameters

机型 Model	挤出机规格 Extruder model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	设计挤出产量 Capacity(kg/h)
JWS100-1300	JWS100/38	1000	0.125-1.2	250
JWS120-1500	JWS120/38	1200	0.175-2	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.

Graphite-based Composite Bipolar Plate Extrusion Line

石墨基复合双极板挤出生产线



石墨基复合双极板是以石墨为基体、以有机树脂为粘结相，具备双面流道结构的复合材料板材，它结合了石墨双极板和金属双极板的优点，具有良好的导电性、致密度、耐腐蚀性、机械强度与加工性能。主要应用于燃料电池领域，包括质子交换膜燃料电池、液流电池等领域，在燃料电池等领域发挥着导电、导气、导热、支撑及分隔等重要作用。金纬公司专业化、智能化的技术力量，满足不同客户的定制化需求。

Graphite-based composite bipolar plate is a composite material plate with graphite as the matrix and organic resin as the binder, and has a double-sided flow channel structure. It combines the advantages of graphite- bipolar plate and metal bipolar plate and has good conductivity, density, corrosion resistance, mechanical strength, and processing performance. Mainly used in the field of fuel cells, including proton exchange membranes, fuel cells, flow batteries, etc., the graphite-based composite bipolar plate plays an important role in conducting electricity, gas, heat, supporting and separating in the field of fuel cells. The professional and intelligent technical strength of JWELL machinery can meet the customized needs of different customers.



主要技术参数 Main technical parameters

机型 Model	90/33	100/33	120/33
驱动功率 Drive power	132kw	160kw	220kw
产能 Capacity	70–150kg/h	100–200kg/h	200–350kg/h
厚度 Thickness	0.6–1.1mm	0.6–1.1mm	0.6–1.1mm
宽度 Width	600–1200mm	600–1200mm	600–1200mm

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.

EVA/POE/PVB/SGP Film Extrusion Line

EVA/POE/PVB/SGP胶膜生产线

EVA/POE 胶膜：用于太阳能光伏电站、建筑物玻璃幕墙、汽车玻璃、功能性棚膜、包装膜、热熔胶等各种行业。
EVA/POE film is used in solar photovoltaic power station, building glass curtain wall, automobile glass, functional shed film, packaging film, hot melt adhesive and other industries.



PVB/SGP胶膜：广泛应用于建筑夹层玻璃，汽车夹层玻璃，防弹玻璃，隔音玻璃等。具有很好的安全性，防止玻璃由于外力作用下破碎而碎片溅起伤人；具有隔音性，防紫外线，可以做成彩色或高透明的薄膜。
PVB/SGP film: widely used in building laminated glass, automotive laminated glass, bulletproof glass, sound-proof glass, etc. It has good safety and prevents the glass from breaking due to external force and the fragments splashing and hurting people; it has sound insulation and UV protection, and can be made into colored or highly transparent films.

主要技术参数 Main technical parameters

机型	适用原料	制品宽度	制品厚度	设计线速度	设计挤出产量
Model	Suitable material	Products width	Products thickness	Designed line speed	Capacity
		mm	mm	m/min	kg/h
JWS120/150/120–2400	EVA/POE	2000–2400	0.38–1.0	15	700–750
JWS180–2400	EVA/POE	2000–2400	0.38–1.0	12	600–700
JWS150	PVB/SGP	2000–2600	0.38–1.52	10	400–500
JWE95–JWE65	PVB/SGP	2400–3000	0.38–1.52	10	600–700
JWE135–JWE95	PVB/SGP	3000–3600	0.38–1.52	20	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.

PET Decorative Film Production Line

PET装饰膜生产线

PET装饰膜片是一种用独特配方加工而成的膜，加以高端印刷工艺及压印技术展现出各种形式的色彩图案及高档质感。产品具有天然的实木质感、高档的金属质感、高雅的肤感质感、高光表面质感等多种表现形式，同时根据消费者需求提供多种选择范围。因其独特的施工粘贴处理，不仅是平面、曲面施工也非常便利，使其比其它材质更加经济实惠。主要用于高档橱柜、室内墙面、免漆板材、家具等家居办公用品的外表装饰或修边。

PET decorative film is a kind of film processed with a unique formula. With high-end printing technology and embossing technology, it shows various forms of color patterns and high-grade textures. The product has natural wood texture, high-grade metal texture, elegant skin texture, high-gloss surface texture and other forms of expression. At the same time, it provides a variety of choices according to consumer needs. Because of its unique construction and paste treatment, it is not only a flat surface, curve surface construction is also very convenient, making it more economical than other materials. Mainly used for exterior decoration or trimming of high-end cabinets, interior walls, paint-free boards, furniture and other home office supplies.



主要技术参数 Main technical parameters

机型	制品宽度	制品厚度	设计挤出产量
Model	Products width(mm)	Products thickness(mm)	Design extrusion output(kg/h)
JWS65/120	1250-1450	0.15-1.2	600-700
JWS65/120/65	1250-1450	0.15-1.2	600-800
JWS65+JWE90+JWS65	1250-1450	0.15-1.2	800-1000

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.

ASA Film Extrusion Line

ASA薄膜生产线

ASA薄膜是用聚氯乙烯、聚乙烯、聚丙烯、聚苯乙烯以及其他树脂制成的薄膜，用于包装,以及用作覆膜层。塑料包装及塑料包装产品在市场上所占的份额越来越大，特别是复合塑料软包装及建材表面包覆已经广泛应用。

The ASA film is made of PVC, polyethylene, polypropylene, polystyrene and other resins, used for packaging and for laminating. Plastic packaging and plastic packaging products are becoming more and more popular in the market, especially the composite plastic soft packaging and surface coating of building materials.

优点：ASA薄膜因其具有突出的抗老化性能，在屋面瓦领域应用广泛，在屋面瓦加工的同时，可以实现在线热复合，复合厚度均匀，无色差，粘结强度高，克服了传统的共挤ASA复合存在的色差问题，也节约了原料成本。

ASA表面的加工厚度范围：0.05-0.2mm，宽度1500mm，厚度均匀，尺寸稳定。

Advantage: Because of its outstanding anti-aging property, ASA film is widely used in roof tile field. In the process of roofing tile, it can achieve on-line thermal composite, with uniform thickness, no color difference and high bond strength. It overcomes the color difference of traditional coextrusion ASA composite, and also deals with the cost of raw materials.

The thickness of the ASA surface is 0.05-0.2mm, width 1500mm, uniform thickness and stable dimension.



主要技术参数 Main technical parameters

机型 Model	JWS90-1500
适用原料 Material	ASA material
制品宽度 Products Width(mm)	1400
制品厚度 Products Thickness(mm)	0.05-0.15
挤出机规格 Extruder Specification	JWS90/30
最大挤出量 Capacity (Max.)(kg/h)	150-180

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.

PE Stone Paper Production Line

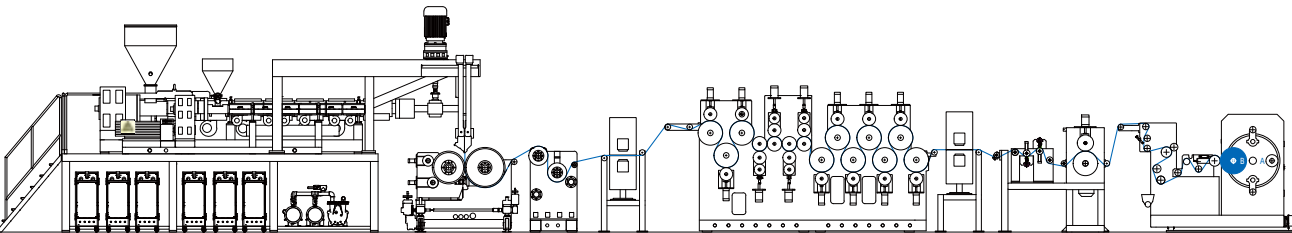
PE石头纸生产线

The production of stone paper does not require trees and using plant fibers to make paper, which protects the natural ecology and is an environmentally friendly product. Stone paper made from PE raw materials and calcium stone powder is fully mixed, which is easy to write and print, moisture-proof and moth-proof, folding and tear-resistant, and can be used in packaging, office paper, printed albums, decorative wallpapers and other fields.

石头纸生产不需要砍伐树木利用植物纤维来造纸，保护自然生态，是环保产品。采用PE原料与钙石粉末充分混合后制成的石头纸，易于书写和印刷、防潮防蛀、耐折耐撕，应用于包装、办公纸张、印刷画册、装饰墙纸等领域。

Suzhou Jwell provides a complete set of equipment required for stone paper production, including processes such as mixing and granulation, extrusion casting, tensile reinforcement, surface coating, winding and slitting. The production line is integrated and controlled by computer PLC, with fast production speed, high efficiency and low cost. The finished stone paper has a smooth surface and good quality.

苏州金纬提供石头纸生产所需的整套设备，包括混合造粒、挤出流延、拉伸增强、表面涂布、收卷和分切等流程。生产线由电脑PLC集成控制，生产速度快 效率高、成本低，石头纸成品表面光滑、质量好。



主要技术参数 Main technical parameters

制品Product	制品厚度Product thickness	制品宽度Product width	产量capacity	机型Model
石头纸Stone paper	0.05-0.5mm	1200-1800mm	500-1800kg/h	75-150/90

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/CFP/FRP/CFRT Continuous Fiber Reinforced Composite Production Line

LFT/CFP/FRP/CFRT连续纤维增强复合材料生产线

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。

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.

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。

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 parameters

机型 Model	制品宽度 Products width(mm)	制品厚度 Products thickness(mm)	最大速度 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.

Continuous Fiber Prepreg Reinforced Composite Production Line

连续纤维预浸增强复合材料生产线

纤维预浸复合材料是由增强纤维材料：玻璃纤维(GF)、芳纶纤维(AF)、超高分子量聚乙烯纤维(UHMW-PE)、玄武岩纤维(BF)，通过放纱、牵引、展纱、预浸水性胶或油性胶、加热固化、收卷等工艺成型热固性预浸布；预浸布再经过交错复合、压合而形成具有强度高、模量高、比重轻，防腐蚀、防浸泡、防潮湿等特性的预浸复合材料。广泛应用于超高分子量聚乙烯防弹布、防弹衣、防弹插板、防弹盾牌、装甲板、防刺、防爆、防切割等新型防护材料。

Fiber prepreg composites are made of reinforced fiber materials: glass fiber (GF), aramid fiber (AF), ultra-high molecular weight polyethylene fiber (UHMW-PE), basalt fiber (BF), through yarn laying, traction, yarn spreading , pre-impregnated water-based adhesive or oil-based adhesive, heat curing, winding and other processes to form thermosetting prepreg; prepreg is then staggered and laminated to form a high strength, high modulus, light specific gravity, anti-corrosion, anti-soaking , moisture-proof and other characteristics of prepreg composite materials. Widely used in ultra high molecular weight polyethylene bulletproof cloth, body armor, bulletproof insert plate, bulletproof shield, deck, stab-proof, explosion-proof, anti-cutting and other new protective materials.



主要技术参数 Main technical parameters

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

PET/PP Packing Strap Extrusion Line

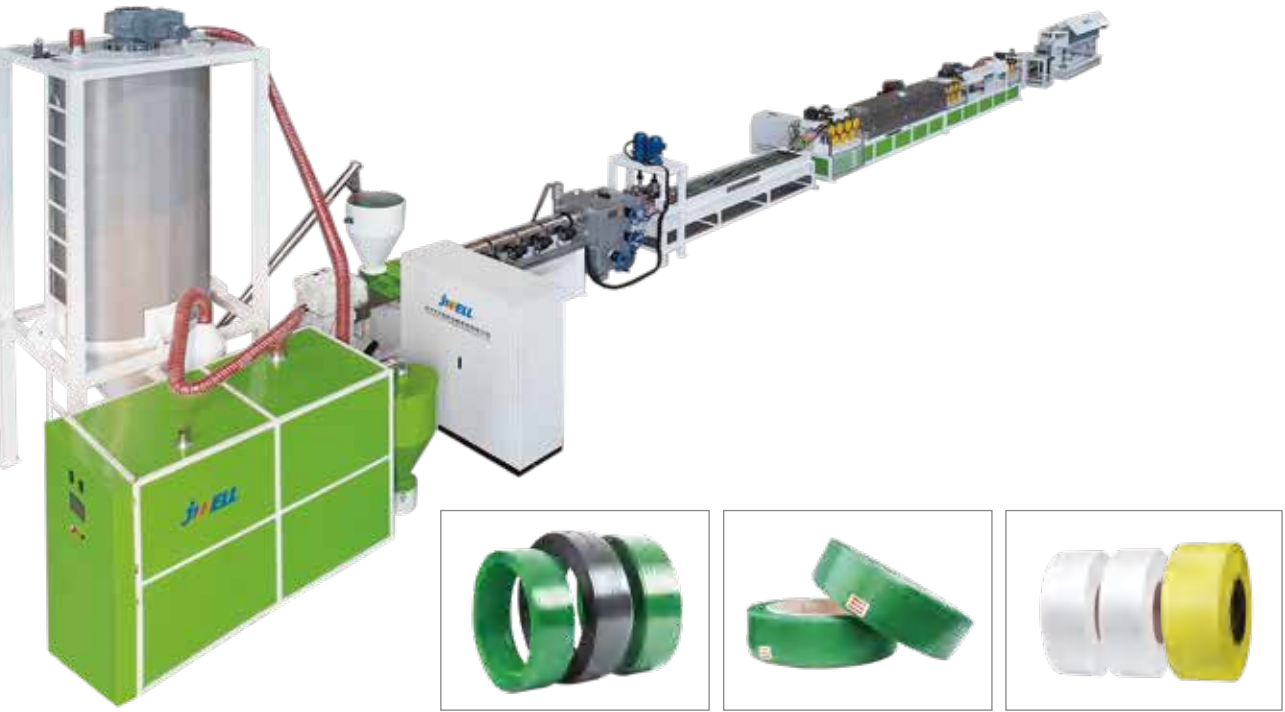
PET/PP打包带挤出生产线

PET打包带， 又称塑钢带， 是以破碎回收的PET材料为主要原料加工而成。PET打包带是目前国际上流行的替代钢带、钢丝打包的新的环保包装材料。

PP打包带， 是以聚丙烯为原料生产的一种质量较轻的环保打包带， 用于全自动打包机、半自动打包机、手工打包机等， 适合捆扎数公斤至数百公斤重的纸箱或托盘包装较轻的物体。

PET packing strap, also known as plastic-steel strap, is made of crushed and recycled PET materials as the main raw material. PET packing strap is a new environmentally friendly packing material. It is currently popular in the world as an alternative to steel strip and steel wire strap.

PP packing strap is a lightweight and environmentally friendly packing strap made from PP(as the main material). It is used for fully automatic strapping machines, semi-automatic strapping machines, manual strapping machines, etc. It is suitable for strapping cartons or pallets weighing several kilograms to hundreds of kilograms.



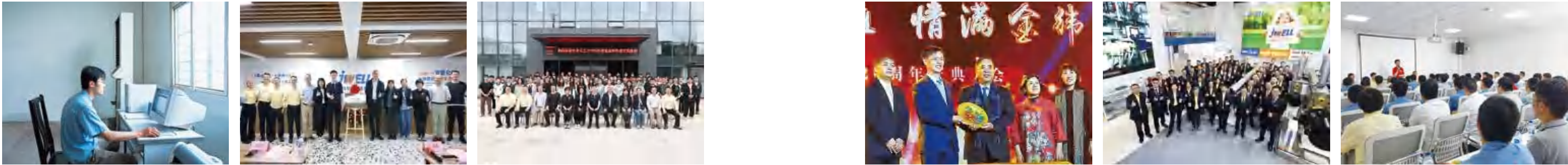
主要技术参数 Main technical parameters

材料	挤出机	条数	产能(kg/h)	厚度(mm)	宽度(mm)
Material	Extrusion	Number of straps	Capacity	Thickness	Width
PET	75/33	1-2	75-100	0.6-1.2	9-19
PET	100/33	2-3	150-200	0.6-1.2	9-25
PET	110/33	3-4	250-300	0.6-1.2	9-25
PET	120/33	4-6	300-400	0.6-1.2	9-32
PP	80/30	1-2	50-80	0.5-1.2	5-19
PP	100/30	2-3	80-100	0.5-1.2	5-19
PP	120/30	3-4	180-220	0.5-1.2	5-19

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.

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