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苏州金纬智能技术有限公司

SUZHOU JWELL INTELLIGENT MACHINERY CO., LTD.



A Global Supplier of Solutions on Extrusion Technology
金纬机械—全球挤出技术解决方案供应商

80年代初 金海螺第一代螺杆研制成功
In the early 1980s, the first generation screw of JINHAILUO was successfully developed

1997 上海金纬机械
Shanghai JWELL Machinery

2008 苏州金纬机械
Suzhou JWELL Machinery

2012 常州金纬机械
Changzhou JWELL Machinery

2018 贝克威尔（泰国）
Bkwell (Thailand)

2019 浙江金纬智能装备
Zhejiang JWELL Machinery

2020 金纬公司业绩突破50亿人民币
Jwell's annual sales exceeded CNY 5 billion

2021 滁州金纬机械
Chuzhou JWELL Machinery

2024 连续13年荣获中国塑料机械挤出行业排名首位
Ranked first in China's plastic machinery extrusion industry for 13 consecutive years

We Know Extrusion

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

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

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

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

“品质卓越 完美如一”
是金纬公司的质量方针，是全体员工努力的方向。

“诚实待人”
是我们铸就“百年金纬”的核心理念。

" Excellent Quality, Perfect All" is Jwell's quality policy, and all staff's working direction.
" Be honest" is the core idea for us to contribute " Century JWELL"

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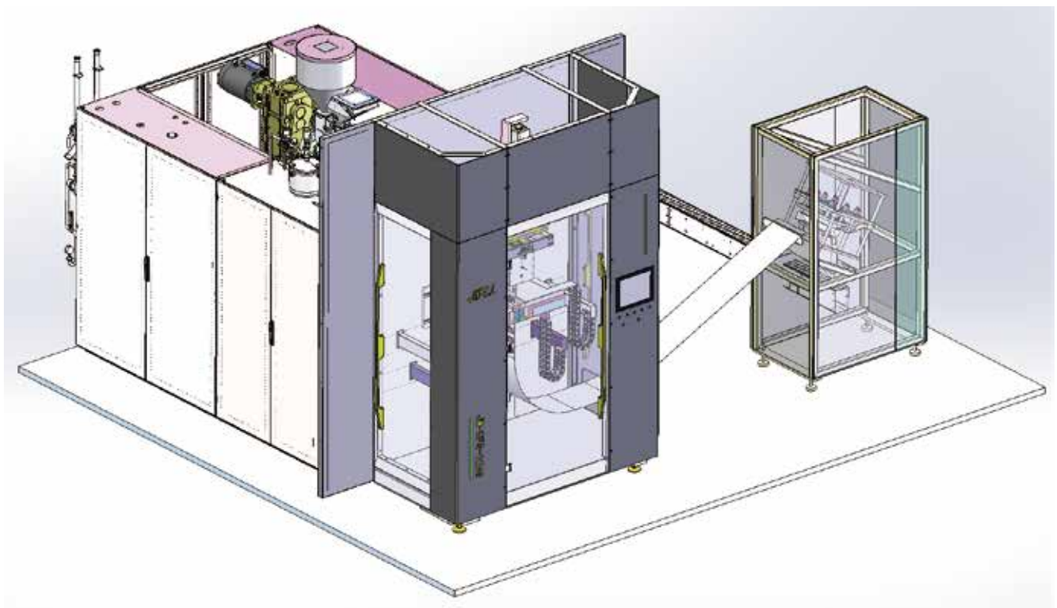


无菌包装吹灌封（BFS）系统
Blowing–Filling–Sealing (BFS) System

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 production 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.

无菌包装吹灌封（BFS）系统
Blowing–Filling–Sealing (BFS) System



挤塑 Extruding

螺杆将粒子塑化连续挤出通过模头形成管胚。管胚内有无菌空气支撑。塑料热融和挤出温度170~220度，是经过实证的无菌挤出和去热源工艺。

The screw extrudes the plasticized particles continuously through the mold end to form the tube embryo. The tube embryo is supported by sterile air. The tempera–ture of plastic melted and extruded is 170~220 degrees.



成型 Blowing

模具在挤出工位合模具后快速移动到吹瓶/灌装工位，A级风淋装置中对吹瓶、灌装和封口工位进行保护。通过真空或无菌压缩空气按照模具的形状，把塑料原料成型容器。

The mould is quickly moved to the bottle blowing/filling station after theextruding station. The bottle blowing, filling and sealing stations are protected in the A–class air shower device. The plastic material is formed into a container through vacuum or sterile compressed airin the shape of mold.



灌装 Filling

通过时间压力阀将药液灌装至容器里，并排出无菌空气。药液经过的管路在灌装之前进行在线 CIP 和 在线灭菌 SIP，确保药液安全性。

Through the time pressure valve, the liquid is filled into the container and sterile air is discharged. The pipeline can be CIP and SIP shall before filling, ensures safety of medi–cine.



封口 Sealing

灌装结束后，模具顶部和开口保持架之间的塑料处于半融化状态，将封口模具合闭，形成容器的顶部， 并使瓶子密封。

After filling, the plastic between the top of the mold and the open cage is in a semi–melted state. Close the sealing mold to form the top ofthe container and sealthe bottle.



出瓶 Outfeeding

瓶子封口结束后模具打开，已经完成成型、灌装并密封的瓶子被送出机器，进行切边。

After sealing,the mould is opened, bottles have been formed, filled and sealed are sent out ofthe machine fortrimming.

大容量产品：主要用于静脉注射剂、消毒液、清洗剂、大输液等产品，装量范围50ml–1L，产量取决于灌装量及模具腔数。

Large capacity products: Mainly used for intravenous injections, disinfectants, cleaning agents, large infusion products, etc., with a filling volume range of 50ml–1L, and the production depends on the filling volume and the number of mold cavities.





主要技术参数 Main technical parameters

设备型号 Machine type	JW–BFS–R06–S			JW–BFS–R08–S		JW–BFS–R06–D			JW–BFS–R08–S	
最大容量(ml) Max.capacity	250	500	1000	100	500	250	500	1000	100	500
模具腔数 Mould cavity	6腔	6腔	6腔	8腔	8腔	6腔*2	6腔*2	6腔*2	6腔*2	6腔*2
"产能/时 Output/hour "	1300	1150	1000	1700	1900	2000	1800	1600	3100	2700

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.

电动中空成型机
New Generation Full–electric Blow Molding Machine

性能优点
1、全电系统，节能环保，比液压机节能50%~60%；
2、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；
3、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；
4、壁厚多点动态调整曲线、数据自动拟合、型胚圆滑过渡；
5、挤出机采用高效螺杆，产量高、能耗低；
6、采用Jwell第五代U型锁模结构，锁模力均匀稳定；
7、产品成型周期短，设备冷却性能高；
8、全自动生产，有效减少人员成本与管理成本；
9、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；
10、开合模、移模维护简单、成本低，可实现大扭矩控制。

PERFORMANCE ADVANTAGES
1.Full electric system, energy saving and environmental protection, 50%~60% energy saving comparing to hydraulic system.
2.Servo motor drive, high movement accuracy, fast response, stable start and stop without impact.
3.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.
4.Multi-point dynamic adjustment curve of wall thickness, automatic data fitting, smooth transition of type embryo.
5.The extruder adopts high efficiency screw, high output, low energy consumption.
6.Using Jwell fifth generation U type clamping structure, clamping force uniform and stable.
7.Short molding cycle and high cooling performance.
8.Automatic production, effectively reduce personnel costs and management costs.
9.No leakage, low noise equipment, suitable for food, medicine, cosmetics and other products with high requirements for cleanliness.
10.Mold and carriage device simple maintenance, low cost, can achieve large torque control.





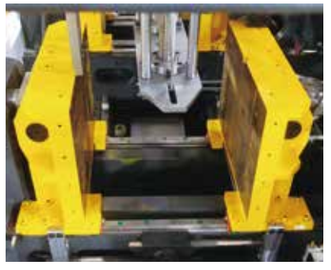


High Speed & High Efficency & Intelligent & Energy Saving

技术参数 Technical Parameter

名称	Model	Unit	JSZ-EBM420D	JSZ-EBM520D	JSZ-EBM650D	JSZ-EBM800D	JSZ-EBM1100D
主螺杆直径	Main screw diameter	mm	65	80	75/90	90/100	100
螺杆长径比	Screw L/D		25/1	25/1	30/1--25/1	30/1--25/1	28/1
挤出量	Max plasticizing capacity(PE)	kg/h	70-90	100-110	120-140	150-170	210-230
模板尺寸	Platen size W*H	mm	330X286	420X390	600X400	760*400	1050*400
模具厚度	Mould thickness	mm	2*70	2*90	2*130mm	2*160	2*200
开模行程	Clamp stroke(max.mm)	mm	180	250	320	340	400
移模行程	Carriage stroke (mm)	mm	420	520	650	850	1100
锁模力	Clamping force	KN	50	80	180	240	500
空循环	Dry cycle	s	2.9	3.2	4	4.8	6

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.







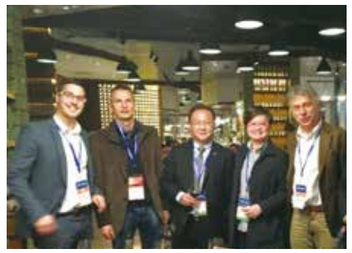


企业风采：品质管理 技术研发 国际交流 客户服务 员工培训

Quality Control Technology Research International Communication Customer Service Staff Training










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