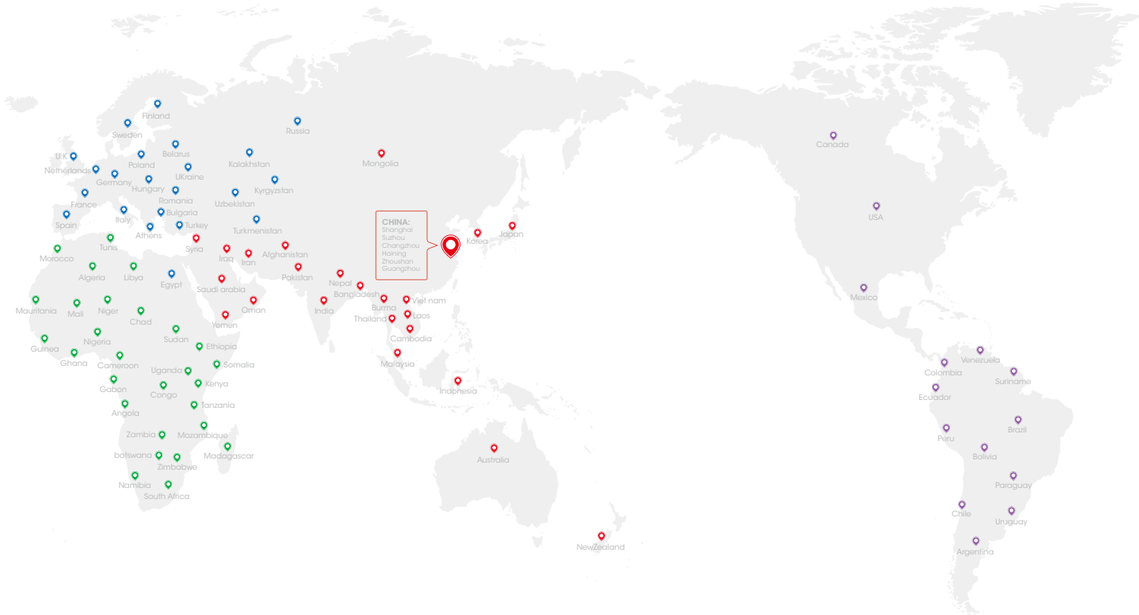
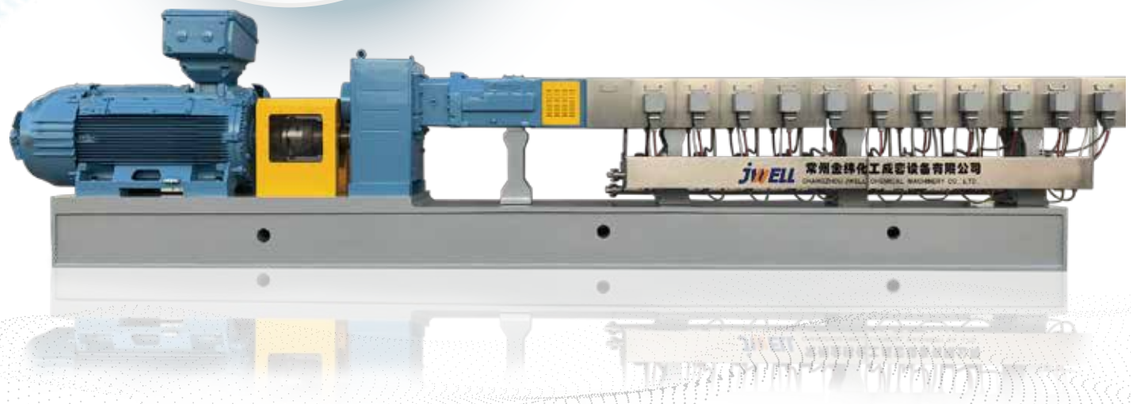
JWELL®

CE

TÜV CERT ISO9001:2015





地址：江苏省常州市溧阳溧城镇上上路118号
电话:0519-87108958　13916215585
Add: No.118,shangshang Road,Licheng Town,Liyang,Changzhou city,China.
Tel:0519-87108958　13916215585
Http://www.czjwell.com　www.jwell.cn　E-mail: sales@jwell.cn

邮编(p.c): 213300
传真 (Fax): 0519-87109858
Post code: 213300
Fax:86-519-87109858
Complaint E-mail: info@jwell.cn

版本号Edition No.: 2021.04

www.czjwell.com
+86 519 87108958

常州金纬化工成套设备有限公司

CHANGZHOU JWELL CHEMICAL MACHINERY CO., LTD.

常州金纬简介

常州金纬是上海公司的又一重要发展战略中心，其坐落于江苏省溧阳市江苏中关村科技产业园内，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400余亩，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。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公司参观、指导、合作、我们愿为您提供强有力的支持。

公司产品遍布全球各地，包括俄罗斯、印度、韩国、印尼、中东、非洲和南美洲、西班牙、意大利等100多个国家和地区，深受用户好评。

“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。

董事长：何海潮 Email：he@jwell.cn

CHANGZHOU JWELL MACHINERY

JWELL CHANGZHOU is another development strategy center of Shanghai JWELL Machinery Co.,ltd, ltd, locating at Jiangsu province,a high-tech manufaturer specializing in research and development of plastic extrusion equipment. The factory area is of 400 acres;We have a high qualified R&D and experienced mechanical and electrical engineer team as well as advanced processing foundation and normative assembly shoop. Our enterprise spirit is”Attentive,Enduring,Quick and Orderly”,keeping on exploring of new extrusion field.Mostly welcome to new and old customers to visit us for investigation, guidance and cooperation. We are happy to offer powerful support!

Company products all over the world, as well as Russia, India, South Korea, Indonesia, the Middle East, North and Latin Americas, Spain, Italy etc., more than 100 countries and regions, praised by users.

'' 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''

President: He Haichao Mobile /WhatsApp +86 13601628188

值得信赖的伙伴

Excellent extrusion equipment supplier

CJWA 基本系列主机参数

Main Parameters for CJWA Basic Series Twin Screw Extruders

CJWA系列双螺杆挤出机该机型定义为低扭矩机型，用于大量的常规改性作业及一些低粘度高熔指的物料，实用性强、性价比高，性能稳定，深受客户好评。

CJWA series twin-screw extruders is defined as regular torque type, which is application to a large number of conventional modification and some materials with low viscosity and high MFI. It is highly practical, cost-effective and stable and is received good reputation

主要技术参数 Main technical parameters

机型 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm	电机功率 Motor power KW	单根螺杆扭矩 Torque per shaft N.m	扭矩等级 Specific torque T/A³	参考产量 Capacity range kg/hr
CJWA35	35.6	24~68	600	18.5	149	6	50~100
CJWA40	41.1	24~68	600	30	226	6	75~150
CJWA52	51.4	24~68	600	55	437	6	140~280
CJWA65	62.4	24~68	600	110	773	6	280~560
CJWA75	71.0	24~68	600	160	1188	6	400~800
CJWA85	81.0	24~68	600	220	1714	6	550~1100
CJWA95	93.0	24~68	600	350	2610	6	880~1760
CJWA110	108.0	24~68	500	450	4010	6	1100~2200
CJWA120	120.0	24~68	500	600	5500	6	1500~3000
CJWA135	132.0	24~68	400	650	7321	6	1600~3200

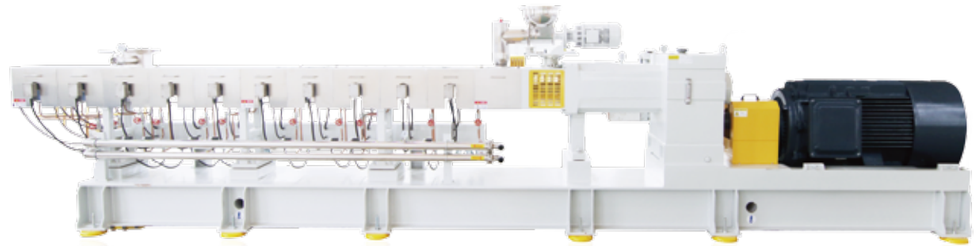
备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

CJWH 高扭矩系列主机参数

Main Parameters for CJWH High Torque Series Twin Screw Extruders

CJWH系列双螺杆挤出机该机型定义为高扭矩机型，用于改性、反应、填充、挤出成型等，适用于大多数物料，能很好的满足一些中高端的客户对产量、品质的要求，实用性强，性能稳定，深受客户好评。

CJWH series twin-screw extruders is defined as high torque type which application to modification ,reaction filler ,extrusion molding, etc . It could meet to some middle and high-end customers with improved requirement for capacity and quality.It is highly practical,stable and received good reputaion.



主要技术参数 Main technical parameters

机型 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm	电机功率 Motor power KW	单根螺杆扭矩 Torque per shaft N.m	扭矩等级 Specific torque T/A³	参考产量 Capacity range kg/hr
CJWH35	35.6	24~68	600	30	235	8.7	75~150
			1000	45		8.7	110~220
CJWH40	41.1	24~68	600	45	357	8.7	110~220
			1000	75		8.7	190~380
CJWH52	51.4	24~68	600	90	692	8.7	220~440
			900	132		8.7	330~660
CJWH65	62.4	24~68	600	160	1224	8.7	400~800
			900	220		8.7	550~1100
CJWH75	71.0	24~68	600	220	1880	8.7	550~1100
			800	315		8.7	800~1600
CJWH85	81.0	24~68	600	315	2713	8.7	800~1600
			800	450		8.7	1100~2200
CJWH95	93.0	24~68	600	500	4131	8.7	1250~2500
			700	600		8.7	1500~3000
CJWH110	108.0	24~68	500	630	6346	8.7	1500~3000
			600	800		8.7	2000~4000
CJWH120	120.0	24~68	500	900	8705	8.7	2250~4500
			600	1000		8.7	2500~5000
CJWH135	132.0	24~68	400	900	11586	8.7	2250~4500
			500	1200		8.7	3000~6000

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.

CJWS 超高扭矩系列主机参数

Main Parameters for CJWS Super-high Torque Series Twin Screw Extruders

CJWS系列双螺杆挤出机该机型定义为超高扭矩机型，用于石化粉体造粒、粉体改性、改性、着色及挤出成型，满足中高端客户对高产量、高品质的要求，根据客户要求，传动部件可采用原装进口，性能稳定，深受中高端客户的好评。

CJWS series twin-screw extruders which is defined as a high torque model, used in petrochemical powder granulation, modification, coloring and extrusion molding to satisfy the high-end customer demand for high capacity, high quality. According to customer's requirement, driving part can use imported, stable performance and deeply in the high-end customer high praise.

主要技术参数 Main technical parameters

机型 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm	电机功率 Motor power KW	单根螺杆扭矩 Torque per shaft N.m	扭矩等级 Specific torque T/A³	参考产量 Capacity range kg/hr
CJWS35	35.6	24~68	600	37	297	11	100~200
			1000	55		11	140~280
CJWS40	41.1	24~68	600	55	452	11	140~280
			1000	90		11	225~450
CJWS52	51.4	24~68	600	110	875	11	275~550
			900	160		11	400~800
CJWS65	62.4	24~68	600	200	1547	11	500~1000
			900	280		11	700~1400
CJWS75	71.0	24~68	600	280	2376	11	700~1400
			800	400		11	1000~2000
CJWS85	81.0	24~68	600	400	3428	11	1000~2000
			800	560		11	1400~2800
CJWS95	93.0	24~68	600	630	5220	11	1600~3200
			700	730		11	1800~3600
CJWS110	108.0	24~68	500	800	8019	11	2000~4000
			600	900		11	2250~4500
CJWS120	120.0	24~68	500	1100	11000	11	2750~5500
			600	1300		11	3250~6500
CJWS135	132.0	24~68	400	1100	14641	11	2750~5500
			500	1400		11	3500~7000

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.

CJWV 深槽系列主机参数

Main Parameters for CJWV Large Volume Series Twin Screw Extruders

CJWV系列双螺杆挤出机该机型定义为深槽机型，同等机型有更大的自由容积，适合堆积密度较低相对蓬松的物料，用于高填充等，效率更高、产量更大，性能稳定，深受部分客户的好评。

CJWV series twin-screw extruder which is defined as deep groove type and has larger free volume . This machine applicaton to high filling etc., It has the charastics of high efficency ,high capacity and running stable and well received our customer high praise.

主要技术参数 Main technical parameters

机型 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm	电机功率 Motor power KW	单根螺杆扭矩 Torque per shaft N.m	扭矩等级 Specific torque T/A³	参考产量 Capacity range kg/hr
CJWV44	42.6	24~68	600	37	308	8.7	150~300
			800	55			220~440
CJWV55	53.2	24~68	600	75	596	8.7	300~600
			800	110			440~880
CJWV66	64.0	24~68	600	132	1055	8.7	530~1060
			800	185			740~1480
CJWV77	74.0	24~68	600	200	1620	8.7	800~1600
			800	250			1000~2000
CJWV86	83.6	24~68	600	280	2337	8.7	1100~2200
			800	400			1600~3200
CJWV100	96.0	24~68	600	450	3559	8.7	1800~3600
			700	500			2000~4000
CJWV110	110.6	24~68	500	560	5468	8.7	2200~4400
			700	750			3000~6000
CJWV125	123.0	24~68	500	750	7500	8.7	3000~6000
			600	900			3600~7200
CJWV140	135.6	24~68	400	800	9983	8.7	3200~6400
			500	1000			4000~8000

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

生物降解塑料改性成套设备

Bio-degradable Plastics Compounding and Pelletizing Series

典型应用为PLA、PBAT、PBS、PPC、PCL、TPS和PHA等全降解塑料的合金共混，淀粉填充改性，竹木粉填充改性，矿物粉填充改性等。

Typical application as plastic alloy, starch filled compound, bio-mass filled compound or mineral powder filled compound for bio degradable plastics as PLA,PBAT,PBS,PPC , PCL, TPS and PHA etc.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWH-52	40-56	300rpm	150kg/hr
CJWH-65	40-56	300rpm	240kg/hr
CJWH-75	40-56	300rpm	440 kg/hr
CJWH-95	40-56	300rpm	820kg/hr
CJWS-52	40-56	300rpm	190kg/hr
CJWS-65	40-56	266rpm	310kg/hr
CJWS-75	40-56	300rpm	550 kg/hr
CJWS-95	40-56	300rpm	1060kg/hr
CJWS-75 Plus	44-56	330rpm	700kg/hr

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.

工程塑料造粒成套设备

Engineering Plastics Pelletizing Series

此应用为双螺杆配混应用的主要领域，可用于高分子着色改性、填充共混改性、以及其他各种力学、电学、热学、光学、耐环境及耐生物性能改性等。

This type main application to twin screw compounding filed , which can be used for polymer coloring, filling and blending, and also other mechanics, electrical, thermoplastics, optical, processability, and anti-environment and anti-biological function modification.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWH65	36-48	400-900rpm	300-800kg/hr
CJWH75	36-48	400-900rpm	500-1000kg/hr
CJWH95	36-48	400-900rpm	800-1500kg/hr

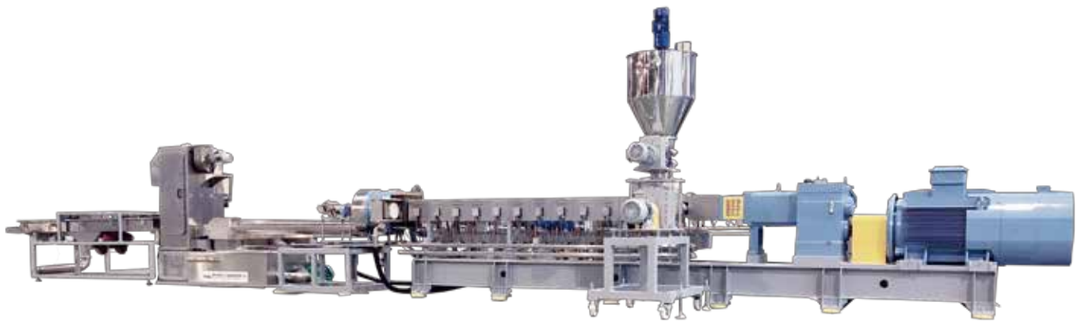
备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

大产量高填充造粒成套设备

High Filler Pelletizing Line With High Capacity Series

填充母料是由添加滑石粉，碳酸钙，高岭土、无机粉体与塑料载体、润滑剂，通过预混或多路失重喂料经双螺杆造粒，该母粒广泛用于聚乙烯、聚丙烯、聚氯乙烯、聚酯、ABS、PS、EVA、管材、编丝、薄膜、打包带、注塑、挤出等等塑料制品中，具有增强、增量、降低成本、提高耐热性、低碳环保。
按材质分可分为：PP碳酸钙填充母料，PE碳酸钙填充母料，滑石粉填充母料，透明填充母料。

High Filler Masterbatch is made of talc, calcium carbonate, kaolin and other inorganic powder compounding with resin and lubricants through twin-screw pelletization.It is widely used in polyethylene, polypropylene, polyvinyl chloride, polyester, ABS, PS, EVA blown barrels, pipes, wire series, films, strapping, injection molding, extrusion and so on. High Filler Masterbatch has these properties:enhanced,incremental,reduce costs, improve heat resistance,low-carbon environment.
High Filler Masterbatch can be divided into: PP calcium carbonate filler, PE calcium carbonate filler, talc filler, transparent filler.



主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
SJWH75	36–56	400–900rpm	2000–3000kg/hr
CJWH95	36–56	400–900rpm	3000–3500kg/hr

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 瓶片回收造粒设备

PET Bottle Flakes Recycling & Pelletizing Series

PET瓶片回收的过程中对粒子的粘度有严格的要求，通过多年努力，不断累积，公司针对该市场开发了两类产品供客户选择，一种是经济型，采用普通的拉条切粒方式，另一种是高产节能型，采用先进的水中拉条切粒方式，操作简单，维护方便。

PET bottle flakes in the process of recycling has strict requirements to the viscosity of the granules, through years of hard search, steady accumulation, our company has developed two kinds of production according to the market for customer option, one is economical, using common way to water cooling strand pelletizing, the other is a high energy-saving, adopt advanced strand cutting in water, simple operation, convenient maintenance.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWH75	40–48	300–500rpm	500–600kg/hr
CJWH85	40–48	300–500rpm	600–800kg/hr
CJWS95	40–48	300–500rpm	1000–1500kg/hr

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.

石化类粉体造粒及粉体改性

Petrochemical Powder Pelletizing and Powder Modification

石化类粉体造粒和粉体改性是同向双螺杆挤出机最主要的应用之一，通过不断努力，优化改进，整合行业资源，已获得市场广泛的认同。

Petrochemical powder pelletization and powder modification are one of the most important applications for twin screw extruder. Through continuous efforts, optimization and improvement, the integration of industry resources has been widely recognized by the market.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWS75	44–56	600–1000rpm	800–1500kg/hr
CJWS95	44–56	600–800rpm	1200–2000kg/hr
CJWS110	44–56	500–600rpm	2000–3000kg/hr
CJWS135	44–56	500–600rpm	3000–4500kg/hr

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.

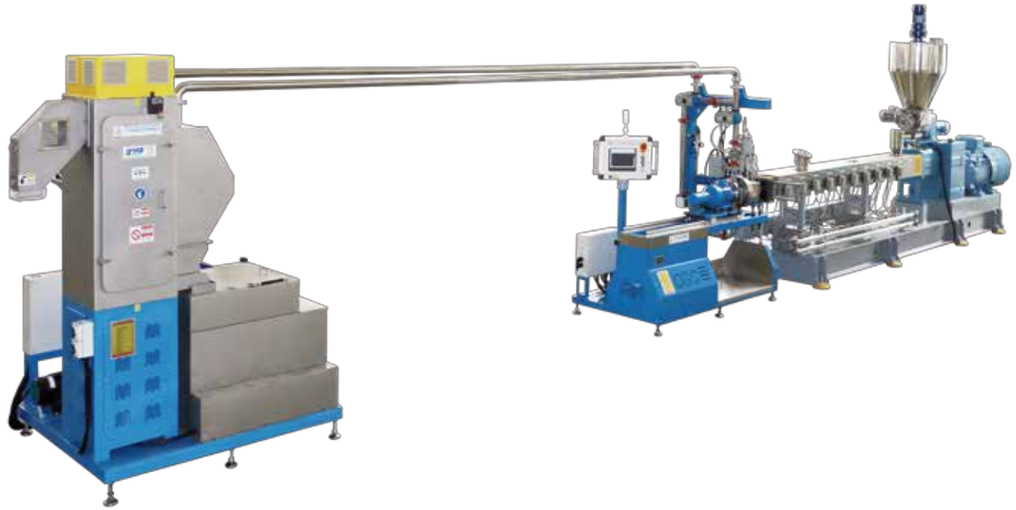
热塑性弹性体成套设备

Thermoplastic Elastomers Series

热塑性弹性体为当前最有潜力的新材料之一，同时兼具塑料和橡胶的优点，广泛适用于汽车、电气、工程、医疗等其他领域。

Thermoplatics are the most potential new material at present, combining both advantages of plastic and rubber, which can be used in automobile, electronics, engineering and medical, etc.

● TPS　● TPU　● TPV　● TPEE　● TPO



主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWH65	48–64	300–600rpm	300–500kg/hr
CJWH75	48–64	300–600rpm	500–1000kg/hr
CJWH95	48–64	300–600rpm	1000–1500kg/hr

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.

硅酮胶系列成套设备

Silicone Adhesive Series

硅硐胶系列一直是我公司优势产品之一，得益于多年的技术累积和客户的不断反馈，技术成熟，设备运行稳定，深受客户好评。

Silicone adhesive serial equipment has been always one of our superior products, on base of years of technology accumulation and customers' feedback, the silicone equipment became the competitive products with proven technology, steady running and good reputation.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWA77	48–64	600–700rpm	2000–2500kg/hr
CJWA1000	48–64	600–700rpm	3000–4000kg/hr

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.

聚氨酯/TPU反应挤出成套设备

PU/TPU Reaction Extrusion Series

根据聚氨酯/TPU物料流变特性，我公司对筒体的加工精度及筒体的冷却效果方面进行大胆的尝试，同时对一些关键部件进行了升级再设计，基本解决了一些制约物料生产过程中的一些瓶颈性问题，反应的效率及产能得到大幅度的提升，客户反应良好，认同度高。

According to the PU/TPU raw material rheological speciality,We made a lot of efforts on the barrel processing accuracy and barrel cooling effect. Meanwhile, we updated and redesigned the core parts, so that we basically solved some bottleneck problems in the production process. The reaction efficiency and output capacity have been improved sharply and customers approve it.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWH75	44–56	300–500rpm	500–700kg/hr
CJWH95	44–56	300–500rpm	1000–1500kg/hr

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.

各类色母成套设备
Kinds of Color Masterbatch Series

色母主要是用来给高分子材料进行着色，主要分为黑色母、白色母、彩色色母及液体色母。

The masterbatch is mainly used for coloring polymers, and mainly classified as black masterbatch, white master-batch, color masterbatch and liquid masterbatch.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWH52	44–56	600–800rpm	300–500kg/hr
CJWH65	44–56	600–800rpm	400–800kg/hr
CJWH75	44–56	600–800rpm	500–1000kg/hr
CJWH95	44–56	500–600rpm	600–1500kg/hr

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.

木塑造粒成套设备
WPC Pelletizing Series

同向双螺杆木塑造粒线，通过多年的摸索和总结，可根据客户的生产需要，定制普通常规机型和高产高耐用机型。

WPC co-rotating parallel twin screw pelletizing machine, through years of summarizing we could make conventional machine or high capacity and durable machine according customer's requirement.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWA75	40–44	500–600rpm	500–600kg/hr
CJWA95	40–44	400–500rpm	1000–1500kg/hr

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.

特种功能性主机及成套设备
Special Functional Extruder Series

防爆级别的同向双螺杆主机，一直以来是我公司的优势产品之一，设计合理经验丰富，能为客户提供安全可靠的防爆挤出设备解决方案，深受业内好评。

Explosion-proof twin-screw extruders has been always one of our superior products, Product design is reasonable and rich experience, able to provide customers safe and reliable solution of explosion-proof extrusion equipment. We get wide praises coming from the industry and our customers.

主要技术参数　Main technical parameters

主机型号 Model	产量 Capacity	典型应用 Typical application
各种机型	–	特种防爆

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.

实验机
Test Machine

我公司长期跟各大院校、厂家，进行技术交流，为它们提供功能更齐全的试验设备，表格中列出来的是目前两款主打的机型，性能稳定、操作简单。

Our company has established long-term cooperation with universities,in order to promote technical communication, provide them complete test equipment, listed in the table are the two main models, running stable and simple operation.

主要技术参数　Main technical parameters

主机型号 Model	长径比 L/D	转速 Speed	参考产量 Capacity for reference
CJWS25	40–56	600–1200rpm	根据配方
CJWH35	40–56	600–1000rpm	根据配方

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发泡卷材生产线

IXPE Foaming Coil Extrusion Line

IXPE交联聚乙烯发泡卷材线包含以下四步生产流程：

造粒——挤出母片——发泡成型——辅机收卷

一、常见的三种造粒方式：

密炼--开炼--拉片--冷却--切粒；

密炼--单螺杆挤出--水环（风冷）切粒；

高速搅拌机--平双挤出机--单螺杆挤出机--水环（风冷）切粒。

二、挤出母片：金纬公司根据多年IXPE螺杆设计制造经验，不断地改进IXPE螺杆的结构设计，改进机筒以及螺杆的温控和冷却系统，对模具的内部结构优化设计，采用立式镜面三辊压光机成型，配备高精度的恒温系统，使得IXPE母片材挤出过程中稳定连续，确保物料塑化分散均匀，温度易于控制。

三、发泡成型：

A、水平炉：发泡炉采用新型三段加长炉，炉体分为预热段、交联段、发泡段三部分，炉体全长 23 米，高 5.5 米，宽 3.5 米。配置名牌高精度节能燃烧器，确保温度得到精确控制，可生产XPE、IXPE，橡塑发泡产品。

特点：能耗低：将预热段、交联段做了较大改变，满足工艺要求的情况下，减少热容空间，节能降耗，燃气用量与两段炉相当；

生产工艺范围宽：炉内热量分布上，克服炉体内热量分布不合理的缺陷，按照IXPE 发泡的工作热量要求，使得IXPE发泡在一个比较宽的范围内，发泡倍率在5-35倍，发泡充分，连续稳定；

产量大：在目前国内生产的发泡炉中，我们的三段炉产量大，可达 200KG/H 以上，而且IXPE泡孔比两段炉更细密。

B、垂直炉：该线包含放卷装置、送料牵引装置、网带张紧装置、网带驱动装置、预热炉体、垂直炉体、扩幅装置等。

特点：加热均匀、热量损失小、产能大、能耗低，操作简单。

经过辐照后的制品广泛应用于：电子领域、汽车领域、建筑领域、医疗、缓冲包装、运动休闲等诸多领域。其中地板静音垫、平衡层经电子辐照后，环保无毒，耐老化、腐蚀；独立闭孔结构，有效防止潮气侵蚀地板；优秀的隔音性能，能减少楼层间的噪音传播；使用过程中提升脚感舒适度。

四、辅机收卷：辅机全长20米，依次通过五辊定型机、风冷系统、表面整形、自动纠偏切边装置、牵引机、双工位收卷机。

以上挤出母片、发泡成型、收卷辅机三部分全长60米左右。

五、电子辐照收放卷系统：IXPE电子交联发泡卷材在发泡前需要经过电子辐照，该设备为卷材进入电子加速器室前的整套辅机设备，包含放卷装置、牵引机、放卷储料、纠偏装置、收卷储料、收卷机等。

特点：配合电子加速器电子辐照量设定收放卷速度，自动化程度高；整机多点张力控制单元保证片材张力稳定。配备品牌过程纠偏系统，有效保证片材齐整。

IXPE crosslinked foamed PE roll material line contains the following four – step process:

PELLETIZING——EXTRUDE—— FOAMING——WINDER

1、Normal pelletizing method:

Banburying ---open mill --zipper pulls---cooling --cutting.
Banburying---single screw extruder --water circulation (or air cooling)cutting.
High speed blender--parallel twins screw extruder---single screw extruder--water circulation (or air cooling)cutting.

2、Extrude:

Jwell screw design and manufacture based on IXPE experience, Continuously improve the structure of IXPE screw design, improved barrel and screw temperature control and cooling systems, On inner Structural Optimization Design of mould, Formed with vertical mirror of three - roll calender, equipped with high precision temperature control system, Mother makes IXPE steady and continuous process of sheet extrusion, ensure the material plasti-cizing distributed evenly, easy to control the temperature.

3、Foaming:

A.Horizontal Foaming Oven

Foaming oven adopts the latest enhanced furnace ,Oven divided into three parts: preheating stage,coil stage, furnace whole length 23meters, high ceiling 5.5 meters, width 3.5 meter.,equipped imported brand high precise burner,Ensure accurate temperature control, can produce XPE, IXPE, rubber and foam products.

1, Low energy consumption: The preheating period, crosslinking made larger changes, meet the technological requirements, reduce the heat capacity of space and energy consumption. , gas consumption and a two-stage furnace.

2, Wide range of production processes: Heat distribution in the furnace, overcome the defects of unreasonable distribution of heat in the furnace,In accordance with the work of the IXPE foam thermal requirements, making the IXPE foam over a relatively wide range, expan-sion ratio at 5-35 times, foam full, continuous and stable.

3, The output is big: In the current domestic production of foam furnace, our three - stage production of the largest and the largest 200KG/H above, and IXPE foam more detailed than the two - stage gasifier.

B.The vertical Oven

The line includes coiling device, feeding traction device, net belt tensioning device, net belt driving device, preheating furnace body, vertical furnace body, widening device, etc.

Features: uniform heating, small heat loss, large capacity, low energy consumption, simple operation.

The irradiated products are widely used in the fields of electronics, automobile, architecture, medicine, buffer packaging, sports and leisure, etc.

One of the floor mat, balance layer after electronic irradiation, environmental protection non-toxic, anti-aging, corrosion; Independent closed-hole structure, effectively prevent moisture erosion of the floor; Excellent sound insulation performance, can reduce the noise spread between floors; Improve the comfort of your feet during use.

4、Rewinding auxiliary equipment:

The whole length of downstream line is 20m, as from front to back order, it is passed 5 roller calibration unit,air cooling system,smooth surface dealing device,automatic correction trimming device,haul off unit,double position collector.The above three parts, foam extrusion, rolling length of 60 meters.

5. Electronic irradiation rewinding and rewinding system: IXPE electronic crosslinked foaming coils need to under-go electronic irradiation before foaming. This equipment is a complete set of auxiliary equipment before the coils enter the electron accelerator room, including coiling device, traction machine, coiling storage, deviation correction device, coiling storage, coiling machine, etc.

Features: with the electronic accelerator electronic irradiation setting of the winding speed, high degree of automation;The multi-point tension control unit guarantees the stability of the sheet tension.Equipped with the brand process correction system, effectively ensure the integrity of the sheet.

XPE交联聚乙烯发泡生产线

XPE Coil Foaming Extrusion Line

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、耐侯性、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(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.

XPE交联聚乙烯发泡生产线技术参数/XPE Coil Foaming Extrusion Line Parameter

挤出机 Extruder	JWS150/28	JWS170/28
螺杆转速 Screw speed Max	10–35	10–35
最大挤出量 Max output(KG/H)	200	240
制品宽度 Width(mm)	1100–1800	1100–2000
制品厚度 Thickness(mm)	3–12	3–12
主电机功率 Power of main motor(KW)	132	160
总装机功率Total power(KW)	317	380

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环保片材生产线

PP/PS Environmental Sheet Extrusion Line

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 package, 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	JWS150/120/90-1800	JWS150/60-1200	JWS130/60-1000	JWS120-1000	JWS100-800
片材宽度 Width	1500mm	1000mm	900mm	800mm	600mm
片材厚度 Thickness	0.3-2mm	0.3-2mm	0.3-2mm	0.2-2mm	0.1-0.8mm
生产能力 Capacity	1000-1200kg/h	700-800kg/h	550-600kg/h	400-500kg/h	300-350kg/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.

双螺杆免干燥排气型PET/PLA片材生产线

Twin Screw Dryer-free Vented PET/PLA Sheet Extrusion Line

常州金纬推出的双螺杆免干燥排气型PET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树脂的粘度降，对称式薄壁型辊筒提高了冷却效率同时提升了产能和片材品质，多组分喂料装置可合理的控制新料、回料、色母等的比例，所生产的片材可用于吸塑印刷包装等领域。

Changzhou JWELL develops the parallel twin screw extrusion line for PET sheet, this line equipped with degassing system, and no need drying and crystallizing unit. The extrusion line has the properties of low energy comsuption, simple production process and easy maintenance. The segmented screw structure can reduce the viscosity loss of PET resin, the symmetrical and thin-wall calender roller highten the cooling effect and improve the capactity 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 thermoforming packaging industry.

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	JW75&36/40-1000	JW75/40-1000	JW95&52/44-1500
制品厚度 Thickness of the product	0.15-1.5mm	0.15-1.5mm	0.15-1.5mm
主电机功率 Main motor power	110kw/45kw	110kw	250kw/55kw
最大挤出产量 Max extrusion capacity	500kg/h	450kg/h	800-1000kg/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.

ABS、HIPS、PMMA冰箱板、洁具板生产线

ABS, HIPS,PMMA Refrigerator Plate, Sanitaryware Plate Extrusion Line

ABS、HIPS、PMMA冰箱板、洁具板生产线

常州金纬提供国内领先的大产量低能耗板材挤出生产线，具备集中供料系统及机械手自动堆垛装置，实现了高程度的自动化生产功能，大大的降低生产成本并提高了产品品质。该生产线深受广大客户的欢迎。

ABS, HIPS,PMMA refrigerator plate, sanitaryware plate extrusion line

Changzhou JWELL provides the leading plate extrusion lines with large output and low energy consumption, the lines are equipped with concentrated material feeding system and automatical piler, its automatical production function reduce the cost of processing and improve product quality highly. This extrusion line is popular in our customers.

冰箱板 Refrigerator board

主要用于冰箱冰柜门胆、内胆、抽屉、接水盘、饮水机等。

It has wide application in production of refrigerator door and inner gallbladder, drawers, water dispensers, etc.

洁具板 Sanitaryware plate

用于卫浴产品如：浴缸、淋浴房、蒸汽房、洗脸槽。

It is widely applied in the field of bath products, such as the bathtub, the shower cabinet, the vapor room, washing bowl, etc.

广告板 Advertising board

主要应用于：指示导向牌、胸标牌、机械标牌、广告装潢、室内装饰等。

This board is mainly used in guiding board, machinery sign, advertisement decoration, indoor decoration and so on.

箱包板 Baggage plate

主要用于各种拉杆箱、行李箱、休闲包等箱包。

It is mainly applied in field of draw-bar boxes, luggage cases, recreation bags, etc.

汽车板 Car plate

主要用途：汽车车顶、仪表板；座椅靠板、车门板、窗框；摩托车、沙滩车、代步车、高尔夫球车等外壳。

It is mainly used for producing tops of cars and buses, instrument boards, backrest, car doors, window frames, shells of the motorcycles, golf vehicles, etc.

主要技术参数 Main technical specification

机型 Model	CJWS75/40–1900	CJWS80/40–2000	CJWS95/40–2200
适用原料 Suitable material	ABS、HIPS	ABS、HIPS	ABS、HIPS
挤出机规格 Extruder model	CJWS50/40,60/35	CJWS85/40,60/35	CJWS95/40,60/35
共挤分层形式 Feed form	A/B,A/B/A	A/B,A/B/A	A/B,A/B/A
制品宽度 Products width	1700mm	1800mm	2000mm
制品厚度 Products thickness	1–6mm	1–6mm	1–6mm
最大挤出产量 Designed capacity	560Kg/h	870Kg/h	1250Kg/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地板革/装饰片材/仿大理石板挤出生产线

PVC Floor Leather/Decoration Sheet/Lamitation Marble Board Extrusion Line

PVC地板革具有耐磨、耐腐、防滑、防渗、阻燃的性能，广泛用于机车、宾馆、酒店、娱乐厅、展馆、家庭。
可以根据客户的要求，配置不同的设备组件，用于生产单层、多层复合产品；也可增加放卷装置，生产内增强产品或表面复合无纺布、PVC装饰膜等的产品。

PVC Floor leather has the performance of anti-friction,corrosion resistence, skidproof, impermeable and inflaming retarding, and is widely used on auto, hotel, amusement place, exhibition hall,house,etc.
The structure of this production line is simple, and convenient to operation .According to customers' requirement ,equipped with different components,used for producing single layer,multi-layer composite production and also can be equipped with unreeling unit,used for producing inner strengthen production or surface compound non-woven fabrics and PVC decoration film, etc.

PVC装饰片材特点：一般可以分为两大类，透明和非透明材料，是室内外广告的载体。可以用单台或多台挤出机进行单层或多层共挤出成型。

Character of PVC decoration sheet: decoration sheet can be divided into two kinds: transparent and non-transparent material.Single layer or multi layer sheet could be produced.

UV仿大理石板

板材表面覆仿大理石纹薄膜，或者热转印仿大理石纹并UV固化处理，良好的抗划伤性，耐刮擦性；板材花色、品种多样，施工方便；在室内墙体装潢中替代大理石等天然石材，良好的耐老性、抗紫外线、耐黄变，绿色环保、无辐射。

UV Imitation Marble Bboard

Board surface coat imitation marble film, or laminate imitation marble and through curing treatment, good anti scratch, anti scratch resistance;Board with variety of color, it's convenient to construct;Instead of marble etc. natural stone in the interior.

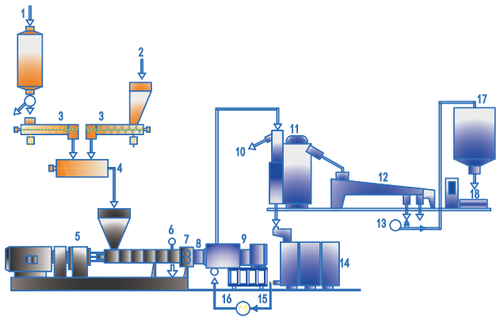
主要技术参数 Main technical specification

型号 Type	双层 Double layers	三层 Three layers
制品宽度 Products width	1500–2000mm	2000–3000mm
挤出机规格 Extruder specification	SJZ65/132 – SJZ80/156	SJZ65/132 – SJZ80/156 – SJZ65/132
最大挤出量 Max output capacity	500–550kg/h	600–750kg/h
主电机功率 Main motor power	37kw/55kw	37kw/55kw/37kw

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.

常规切粒方式示意图
Regular Dicing Schematic Diagram

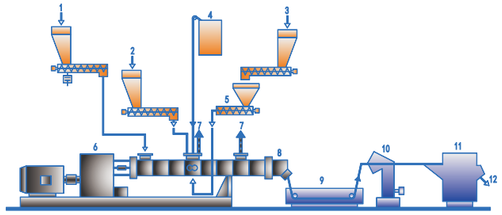
水下切粒流程示意图
Underwater Pelletzing diagram



1、PP、HDPE、LLDPE
2、添加剂
3、计量加料
4、输送混合螺杆
5、双螺杆挤出机
6、旋转阀
7、齿轮泵
8、液压换网
9、水下切粒
10、大料溢出口
11、干燥机
12、振动筛
13、气动输送
14、水箱
15、水泵
16、换热器
17、料仓
18、成品包装

1、LLDPE. PP.HDPE
2、Additives
3、Loss-in-weight feeder
4、Screw for conerying and mixing
5、Twin screw extruder
6、Start-up valve
7、Gear pump
8、Hydraulic screen changer
9、Underwater pelletizing
10、Overflow outlet
11、Pellet dryer
12、Classifying screen
13、Pnerumatic converyor
14、Water tank
15、Water pump
16、Heat exchanger
17、Silo
18、End product packaging

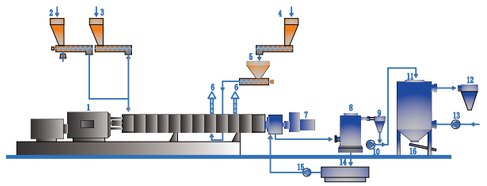
拉条切粒（适用于增强、填充、合金、着色）
Strand Pelletzing (suitable for reinforcement, filing, alloy and masterbatch)



1、预料配混
2、切短纤维
3、填 料
4、玻璃/碳纤长丝
5、侧喂料
6、 双螺杆挤出机
7、排气口
8、拉条机头
9、水槽
10、风刀
11、切粒机
12、到包装

1、Material pre-mixing
2、Chopped glass fiber
3、Fillers
4、Glass/carbon fiber
5、Side feeder
6、Twin screw extruder
7、Venting port
8、Strand die head
9、Water trough
10、Air knife
11、Pelletizer
12、To packing

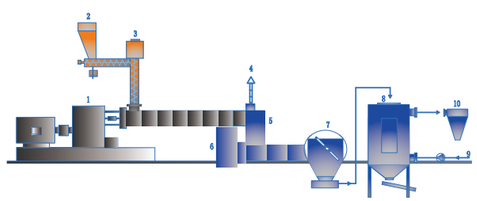
水环切粒
Water-ring pallerizing



1、双螺杆挤出机
2、加料口一
3、加料口二
4、填料计量
5、侧喂料
6、 排气
7、水环切粒
8、离心脱水机
9、出料斗
10、输送风机
11、沸腾床
12、屑料收集
13、沸腾风机
14、水池
15、水泵
16、到包装

1、Twin screw extruder
2、Feeding port 1
3、Feeding port 2
4、Fillers dosing
5、Side feeder
6、Venting
7、Water ring pelletizer
8、Centrifugal hydroextractor
9、Material discharge hopper
10、Air conveyor
11、Fluidized bed
12、Scraps gathering silo
13、Blower fan for fluidized bed
14、Water tank
15、Water pump
16、To packing

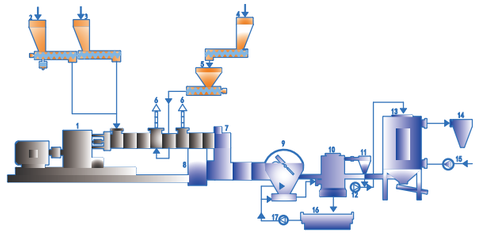
双阶偏心风冷造粒
Two Stage Eccentric Air-cooling Pelletizing



1、双螺杆挤出机
2、原料加入
3、强制加料
4、排气
5、连接罩
6、单螺杆挤出机
7、偏心风冷切粒机
8、沸腾床
9、风机
10、收集仓
11、到包装

1、Twin screw extruder
2、Raw material feeding
3、Forcing feeding
4、Venting 5、Connecting cover
6、Single screw extruder
7、Eccentric air cooling pelletizer
8、Fluidized bed
9、Blower fan
10、Gathering silo
11、To packing

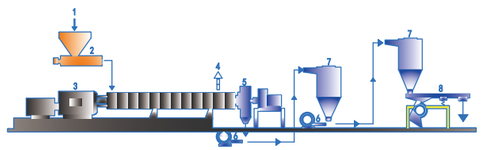
双阶偏心水雾切粒
Two Stage Eccectric Water-fog Pelletizing



1、双螺杆挤出机
2、加料口一
3、加料口二
4、填充计量
5、侧喂料
6、 排气
7、单双连接体
8、单螺杆挤出机
9、 偏心风冷切粒机
10、离心脱水机
11、出料斗
12、输送风机
13、沸腾床
14、原料收集孔
15、沸腾风机
16、水池
17、水泵

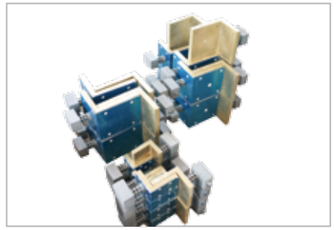
1、Twin screw extruder
2、Feeding port1
3、Feeding port2
4、Fillers dosing
5、Side feeder
6、Venting
7、Connection of single and twin screw
8、Single screw extruder
9、Eccentric air-cooling pelletizer
10、Centrifugal hydroextractor
11、Material discharge hopper
12、Air conveyor
13、fluidized bed
14、Gathering silo
15、Blower fan for fluidized bed
16、Water tank
17、Water pump

风冷造粒生产线
Air-cooling Pelletizing



1、料斗
2、喂料机
3、双螺杆挤出机
4、排气
5、风冷切粒机
6、 风机
7、旋风分离器
8、冷却振动筛

1、Hopper
2、Feeder
3、Twin screw extruder
4、Venting
5、Air-cooling pelletizer
6、Blower fan
7、Whirlwind separator
8、Cooling vibratory sieve



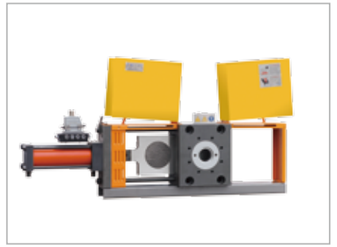
量身定制各类
造粒生产线
Tailor all kinds of
granulation production line

提供成套解决方案
Provide a complete set of
processing solution

交钥匙工程
Turnkey project

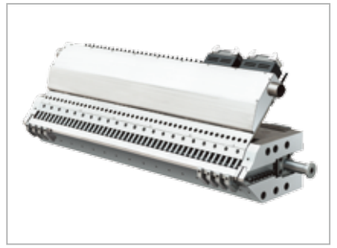
卓越的售后服务
Superior affer-sale service

我们还提供以下产品
We Also Provide The Following Products



换网器
screen changer

螺杆、机筒
Screw and barrel



各类片板模具
All kinds of plate & sheet mould

800/2500的卧式混料机
Mixer

计量称重系统
Gravimetric system

计量泵
Metering pump

各类镜面辊筒
All kinds of mirror rollers

高精度螺杆元件
High precision screw part

挤出机械物联网+智能制造解决方案

工业4.0时代的互联-CPS （信息物理系统cyber physical systems），不是简单的对互联网、物联网、传感网的替代，它是信息世界和物理世界的深度融合。
未来挤出装备不再是一个孤立的自动化、信息化孤岛，未来的挤出机工厂会通过云平台与整个供需体系形成灵活智能的产品制造网络。工业4.0背景下的智能注塑发展趋势，多品种小批量快周期的定制化生产；多种生产技术和工艺的高度集成化；少人或无人状态下的自主生产过程；从原料到成品整个过程的信息化管理 ……
The interconnected in the industrial 4.0--CPS (cyber physical systems) is not a simple alternative to the Internet, the Internet of things, and the sensing network. It is a deep integration of the information and the physical.
The future extrusion equipment is no longer an isolated automation and information island. The future extruder factory will form a flexible and intelligent product manufacturing network through the cloud platform and the whole supply and demand system. In the industrial 4.0 background, the development trend of intelligent extrusion, customized production of multi variety and small batch fast cycle; High integration of various production techniques and processes; autonomous production process under less people or unmanned state; information management from the whole process of raw material to finished product...

在朝着工业4.0发展的过程中，我们的设备更智能化了！金纬机械智能化生产线:
1.可以监测主机电流。
2.可以监测主机温度。
3.可以监测主机电能。
4.可以监测主机每吨物料能耗（目前仅支持有米重控制的设备）。
5.可以在手机上查看数据信息。
6.可以记录并统计设备故障，部件更换等信息。
7.可以连接MES系统。
8.可以远程调试程序。

In the process of industrial 4.0, our equipment is more intelligent! Intelligent production line of Jwell:
1. can monitor the current of the exruder.
2. can monitor the temperature of the exruder.
3. can monitor the power of the exruder.
4., the energy consumption per ton of material can be monitored. (At present, only equipment with rice weight control is supported)
5. you can view the data on the phone.
6. records and statistics of equipment failure, parts replacement and other information can be recorded and counted.
7. can connect the MES system.
8. the program can be debugged remotely.

实时工况
Real-time operating status

作业情况统计
Working status statistics

Plastic Machinery Fully Integrated Automation + Internet Of Things Control System Solutions

基于MES系统平台，实现车间生产管理的信息沟通平台，并向智能化方向发展。
Based on the MES system platform, the information communication platform of workshop production management is realized and move toward the intelligent direction

① 研发生产融合
R&d and production integration

打通产品研发与生产的通路，实现研发与生产的信息、工艺、标准、指标值的深度融合
Work out the development and production of products, realize deep integration of development and production information, technology, standards and index

② 虚拟制造
Virtual manufacture

充分利用虚拟生产与验证平台，对车间生产、物流、质量、设备管理等资源充分验证
Make full use of the virtual production and verification platform to fully verify the workshop production, logistics,quality,equipment management and other resources

③ 智能装备&物联
Intelligent equipment & thing connection

推行智能化装备，实现多接口、多协议的设备物联，实时获取设备工况信息与参数，预测故障，提升连续性
Implement intelligent equipment, realize multi-interface and multi-protocol equipment thing connection, obtain the real time information and parameters of the equipment, predict faults and improve continuity

④ 计划排程
Planning schedule

料根据销售预测与订单诉求，平衡车间产能，合理安排生产，减少瓶颈问题，提高整体生产效率
According to sales forecast and order demands, balance workshop production capacity, arrange production properly, reduce bottleneck problems and improve overall production efficiency

⑤ 智能物流
Intelligent logistics

物流软硬件综合应用的智能物流提醒，减少物流瓶颈，提高物流配送精准率，减少停工待料
Logistics software and hardware integrated application of intelligent logistics to remind, reduce logistics bottleneck, improve logistics delivery precision rate, reduce shutdown stop

⑥ 质量管控
Quality control

基于仪器物联，获取质量数据，精准预测质量趋势，有效控制质量缺陷，提升产品质量水平
Based on instrumentation, obtain quality data, accurately predict quality trends, control quality defects effectively, and improve product quality class.

⑦ 制造过程
Manufacturing process

利用技术手段，实现制造过程透明化，敏捷响应制造中的各类异常，保证生产有序执行。
Make use of technical means to realize the transparency of manufacturing process, and quick respond to all kinds of abnormal in the manufacturing process to ensure the orderly execution of production

⑧ EHS合规
EHS compliance

按照行业标准，构建EHS车间环境参数监测，为产品制造提供适宜的基础环境
According to the industry standard, build EHS workshop environment parameter monitoring, and provide the suitable base environment for product manufacturing

⑨ 协同与决策
Synergy and decision making

解决信息不对称，减少沟通成本，支撑协同制造，基于数据的生产决策，决策过程直观、合理
Solve information asymmetry, reduce communication cost, support collaborative manufacturing, make decision based on data, make the decision process intuitive and reasonable