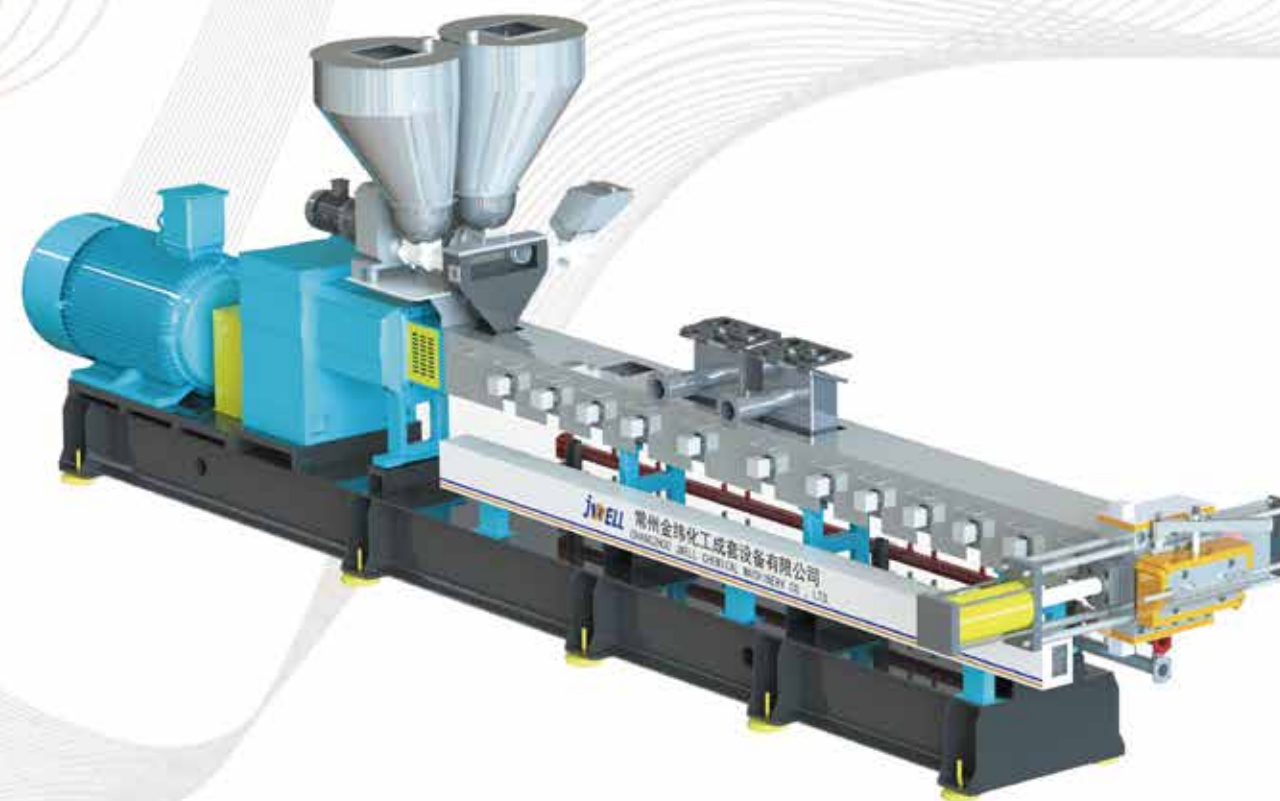




**JWELL®**

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地址：江苏省常州市溧阳中关村开发区上上路118号  
 电话：0519-87108958 13916215585  
 Add: No.118,shangshang Road,Licheng Town,Liyang,Changzhou city,China  
 Tel: +86-519-87108958 13916215585  
 Http://www.czjwell.com www.jwell.cn

邮编(p.c): 213300  
 传真 (Fax): 0519-87108958  
 Fax:86-519-87108958  
 E-mail: sales@jwell.cn  
 Complaint E-mail:info@jwell.cn

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**常州金纬化工成套设备有限公司**

CHANGZHOU JWELL CHEMICAL MACHINERY CO., LTD.

+86 519 87108958



# 常州金纬简介

常州金纬是上海金纬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](mailto:he@jwell.cn)

# CHANGZHOU JWELL MACHINERY

JWELL CHANGZHOU is another development strategy center of Shanghai JWELL Machinery Co.,Ltd, locating at Jiangsu province,a high-tech manufacturer 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



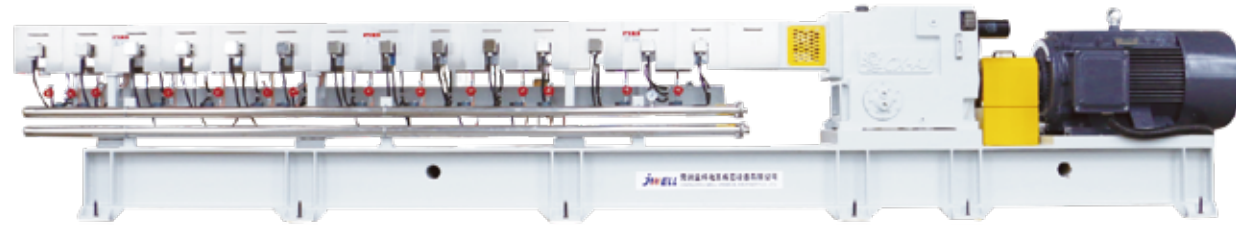
**JWELL** 常州金井化工成套设备有限公司  
CHANGZHOU JWELL CHEMICAL MACHINERY CO., LTD.

## 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.



主机型号 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm/min	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

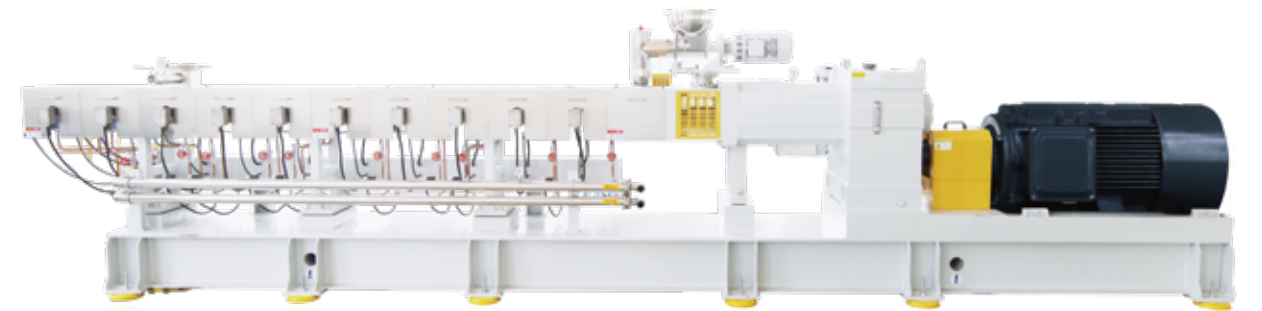
备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

## 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 reputation.



主机型号 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm/min	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			110~220
CJWH40	41.1	24~68	600	45	357	8.7	110~220
			1000	75			190~380
CJWH52	51.4	24~68	600	90	692	8.7	220~440
			900	132			330~660
CJWH65	62.4	24~68	600	160	1224	8.7	400~800
			900	220			550~1100
CJWH75	71.0	24~68	600	220	1880	8.7	550~1100
			800	315			800~1600
CJWH85	81.0	24~68	600	315	2713	8.7	800~1600
			800	450			1100~2200
CJWH95	93.0	24~68	600	500	4131	8.7	1250~2500
			700	600			1500~3000
CJWH110	108.0	24~68	500	630	6346	8.7	1500~3000
			600	800			2000~4000
CJWH120	120.0	24~68	500	900	8705	8.7	2250~4500
			600	1000			2500~5000
CJWH135	132.0	24~68	400	900	11586	8.7	2250~4500
			500	1200			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.



主机型号 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm/min	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			140~280
CJWS40	41.1	24~68	600	55	452	11	140~280
			1000	90			225~450
CJWS52	51.4	24~68	600	110	875	11	275~550
			900	160			400~800
CJWS65	62.4	24~68	600	200	1547	11	500~1000
			900	280			700~1400
CJWS75	71.0	24~68	600	280	2376	11	700~1400
			800	400			1000~2000
CJWS85	81.0	24~68	600	400	3428	11	1000~2000
			800	560			1400~2800
CJWS95	93.0	24~68	600	630	5220	11	1600~3200
			700	730			1800~3600
CJWS110	108.0	24~68	500	800	8019	11	2000~4000
			600	900			2250~4500
CJWS120	120.0	24~68	500	1100	11000	11	2750~5500
			600	1300			3250~6500
CJWS135	132.0	24~68	400	1100	14641	11	2750~5500
			500	1400			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.

## CJWS Plus超高扭矩系列主机参数

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

CJWS Plus系列双螺杆挤出机面向国内外追求极致品质客户群，力所能及达到最高品质、最强性能与最优可靠性。

CJWS Plus series twin-screw extruders mainly focus on high level customers all around the world, pursuing the best quality, the best performance and the highest liability.



主机型号 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm/min	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 Plus	35.7	24~68	600	45	365	13.5	120~240
CJWS40 Plus	41.3	24~68	600	75	554	13.5	190~380
CJWS52 Plus	51.7	24~68	600	132	1073	13.5	330~660
CJWS65 Plus	62.7	24~68	600	250	1898	13.5	625~1250
CJWS75 Plus	71.4	24~68	600	355	2916	13.5	890~1760
CJWS85 Plus	81.4	24~68	600	550	4207	13.5	1370~2740
CJWS95 Plus	93.5	24~68	600	800	6406	13.5	2000~4000
CJWS110 Plus	110.6	24~68	500	1100	10512	13.5	2750~5500
CJWS120 Plus	120.6	24~68	500	1450	13500	13.5	3620~7240
CJWS135 Plus	132.5	24~68	400	1500	17969	13.5	3750~7500

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 application to high filling etc. It has the charastics of high efficiency ,high capacity and running stable and well received our customer high praise.



主机型号 Model	螺杆外径 Diameter mm	长径比 L/D	螺杆转速 Screw speed rpm/min	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.



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

## 大产量高填充造粒成套设备

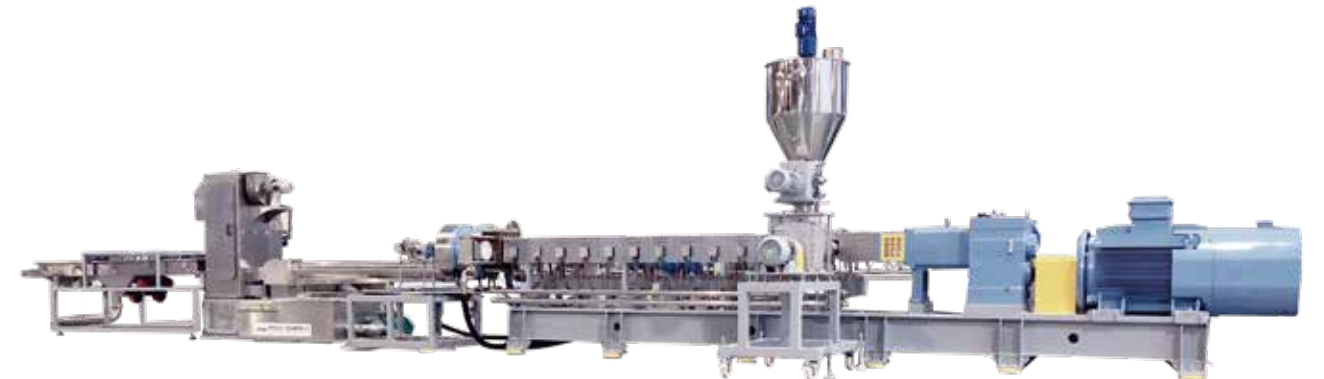
### High Filler Pelletizing Line With High Capacity Series

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.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWH75	36-56	400-900rpm	2000-3000kg/h
CJWH95	36-56	400-900rpm	3000-4000kg/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.

## 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.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWH75	40-48	300-500rpm	500-600kg/h
CJWH85	40-48	300-500rpm	600-800 kg/h
CJWH95	40-48	300-500rpm	1000-1500kg/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.

## 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.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWS75	44-56	600-1000rpm	800-1500kg/h
CJWS95	44-56	600-800rpm	1200-2000kg/h
CJWS110	44-56	500-600rpm	2000-3000kg/h
CJWS135	44-56	500-600rpm	3000-4500kg/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.



## 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。

Thermoplastics 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



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWH65	48-64	300-600rpm	300-500kg/h
CJWH75	48-64	300-600rpm	500-1000kg/h
CJWH95	48-64	300-600rpm	1000-1500kg/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.

## 硅酮胶系列成套设备

### Silicone Adhesive Series

硅酮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.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWV77	48-64	600-700rpm	2000-2500kg/h
CJWV100	48-64	600-700rpm	3000-4000kg/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.

## 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.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWH75	44-56	300-500rpm	500-700kg/h
CJWH95	44-56	300-500rpm	1000-1500kg/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.

## 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 masterbatch, color masterbatch and liquid masterbatch.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWH52	44-56	600-800rpm	300-500kg/h
CJWH65	44-56	600-800rpm	400-800kg/h
CJWH75	44-56	600-800rpm	500-1000kg/h
CJWH95	44-56	500-600rpm	600-1500kg/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.



## 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.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWA75	40-44	500-600rpm	500-600kg/h
CJWA95	40-44	400-500rpm	1000-1500kg/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.

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

防爆级别同向双螺杆主机，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.

## 反应后处理成套设备

### After Polymerization Processing

蒸发脱挥、挤压脱水、排气、稳定化等作业，如LDPE脱除乙烯、LLDPE脱除己烷环己烷、EVA脱除乙酸、PS脱出苯乙烯、ABS脱除丙烯、PC脱除二氯甲烷、PA脱除己内酰胺、橡胶脱水排气、氟塑料脱挥等。

Evaporation and devolatilization, compressing and dewatering, degassing and stabilization. Such as Ethylene from LDPE, Hexane and cyclohexane from LLDPE, Vinylacetate from EVA, Styrene from PS, Acrylnitril from ABS, Methylene chloride from PC, Caprolactame from PA, dewater and degas from rubber, degas from fluoroplastics.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWA75	52-64	600-800rpm	800-1000kg/h
CJWA95	52-64	500-600rpm	1000-2000kg/h
CJWA110	52-64	500-600rpm	2000-3000kg/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.

## 锂电池主机配套

### Lithium Battery Extruder Series

该主机主要是根据配套厂家量身定制，利用我们在部件方面的优势，目前已形成合作的厂家很多，性能稳定。

The machine is mainly customized according to the production manufacturers, recently we have successfully cooperation with many customers and machine running very stable because of our advantages in the main parts.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWA95	64-68	500-600rpm	根据配方
CJWA110	64-68	500-600rpm	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.



## 挤出成型主机配套

### Extrusion Molding Series

同向双螺杆主机在挤出成型领域的应用很广,包括 PET 片材、PC 片材、ABS 片材、PS 片材、EVA 胶膜、POE 胶膜、PVB 胶膜、PP 片材、防水卷材等等。

The machine widely application to extrusion molding field, including PET sheet, PC sheet, ABS sheet, PS sheet, EVA film, POE film, PVB film, PP sheet, waterproof rolling material, etc.



主机型号 Model	长径比 L/D	转速 Speed	产量 Capacity
CJWS75	40-48	100-500rpm	300-800kg/h
CJWS85	40-48	100-500rpm	500-1000kg/h
CJWS95	40-48	100-500rpm	500-1500kg/h
CJWH110	40-48	100-500rpm	800-2000kg/h
CJWH135	40-48	100-500rpm	1000-3000kg/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.

## 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.



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

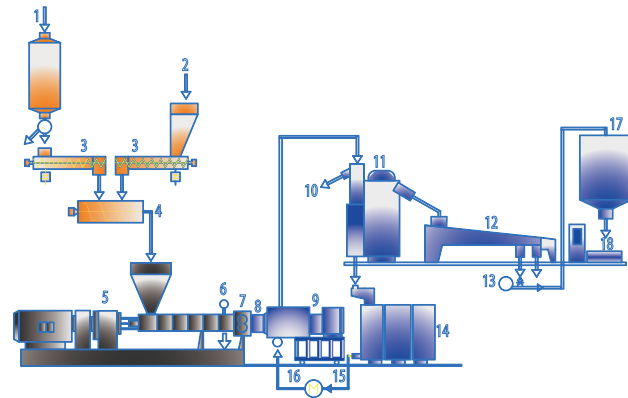
备注: 以上规格参数如有变更, 恕不另行通知。Note: The specifications are subject to change without prior notice.

# 常规切粒方式示意图

## Regular Dicing Schematic Diagram

水下切粒流程示意图

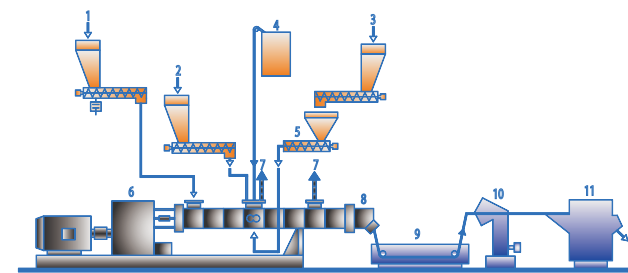
Underwater Pelletizing Diagram



- |                 |          |         |
|-----------------|----------|---------|
| 1、PP、HDPE、LLDPE | 7、齿轮泵    | 13、气动输送 |
| 2、添加剂           | 8、液压换网   | 14、水箱   |
| 3、计量加料          | 9、水下切粒   | 15、水泵   |
| 4、输送混合螺杆        | 10、大料溢出口 | 16、换热器  |
| 5、双螺杆挤出机        | 11、干燥机   | 17、料仓   |
| 6、旋转阀           | 12、振动筛   | 18、成品包装 |
- 
- |                                  |                          |
|----------------------------------|--------------------------|
| 1、LLDPE、PP、HDPE                  | 10、Overflow outlet       |
| 2、Additives                      | 11、Pellet dryer          |
| 3、Loss-in-weight feeder          | 12、Classifying screen    |
| 4、Screw for conveying and mixing | 13、Pneumatic conveyer    |
| 5、Twin screw extruder            | 14、Water tank            |
| 6、Start-up valve                 | 15、Water pump            |
| 7、Gear pump                      | 16、Heat exchanger        |
| 8、Hydraulic screen changer       | 17、Silo                  |
| 9、Underwater pelletizing         | 18、End product packaging |

拉条切粒(适用于增强、填充、合金、着色)

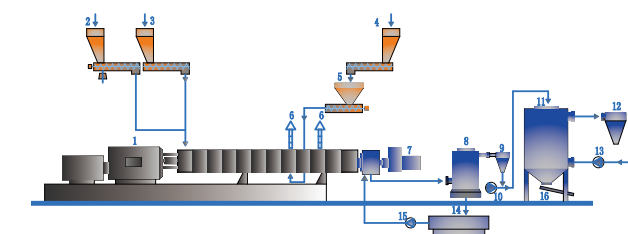
Strand Pelletizing (suitable for reinforcement, filling, alloy and masterbatch)



- |            |        |
|------------|--------|
| 1、预料配混     | 7、排气口  |
| 2、切短纤维     | 8、拉条机头 |
| 3、填料       | 9、水槽   |
| 4、玻璃/碳纤维长丝 | 10、风刀  |
| 5、侧喂料      | 11、切粒机 |
| 6、双螺杆挤出机   | 12、到包装 |
- 
- |                       |                   |
|-----------------------|-------------------|
| 1、Material pre-mixing | 7、Venting port    |
| 2、Chopped glass fiber | 8、Strand die head |
| 3、Fillers             | 9、Water trough    |
| 4、Glass/carbon fiber  | 10、Air knife      |
| 5、Side feeder         | 11、Pelletizer     |
| 6、Twin screw extruder | 12、To packing     |

水环切粒

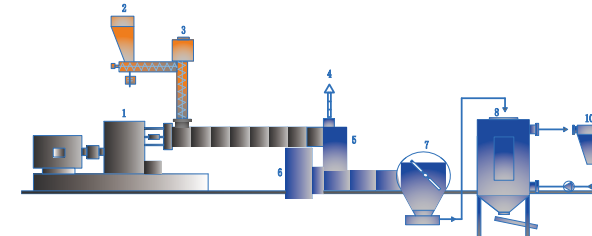
Water-ring Pallerizing



- |          |         |         |
|----------|---------|---------|
| 1、双螺杆挤出机 | 7、水环切粒  | 13、沸腾风机 |
| 2、加料口一   | 8、离心脱水机 | 14、水池   |
| 3、加料口二   | 9、出料斗   | 15、水泵   |
| 4、填料计量   | 10、输送风机 | 16、到包装  |
| 5、侧喂料    | 11、沸腾床  |         |
| 6、排气     | 12、屑料收集 |         |
- 
- |                              |                                 |
|------------------------------|---------------------------------|
| 1、Twin screw extruder        | 9、Material discharge hopper     |
| 2、Feeding port 1             | 10、Air conveyor                 |
| 3、Feeding port 2             | 11、Fluidized bed                |
| 4、Fillers dosing             | 12、Scraps gathering silo        |
| 5、Side feeder                | 13、Blower fan for fluidized bed |
| 6、Venting                    | 14、Water tank                   |
| 7、Water ring pelletizer      | 15、Water pump                   |
| 8、Centrifugal hydroextractor | 16、To packing                   |

双阶偏心风冷造粒

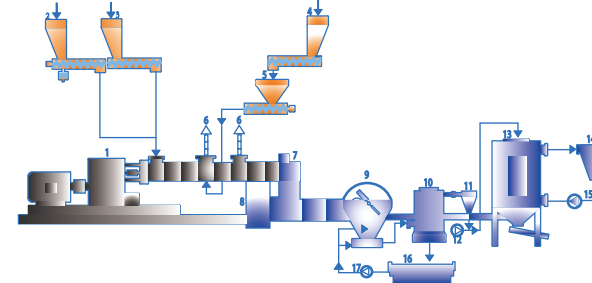
Two Stage Eccentric Air-cooling Pelletizing



- |          |           |
|----------|-----------|
| 1、双螺杆挤出机 | 7、偏心风冷切粒机 |
| 2、原料加入   | 8、沸腾床     |
| 3、强制加料   | 9、风机      |
| 4、排气     | 10、收集仓    |
| 5、连接罩    | 11、到包装    |
| 6、单螺杆挤出机 |           |
- 
- |                         |                                    |
|-------------------------|------------------------------------|
| 1、Twin screw extruder   | 7、Eccentric air cooling pelletizer |
| 2、Raw material feeding  | 8、Fluidized bed                    |
| 3、Forcing feeding       | 9、Blower fan                       |
| 4、Venting               | 10、Gathering silo                  |
| 5、Connecting cover      | 11、To packing                      |
| 6、Single screw extruder |                                    |

双阶偏心水雾切粒

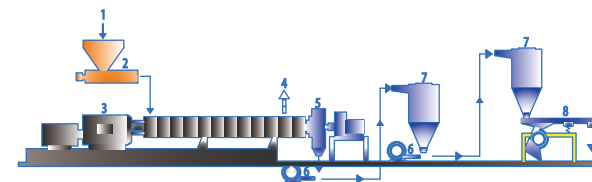
Two Stage Eccentric Water-fog Pelletizing



- |          |           |          |
|----------|-----------|----------|
| 1、双螺杆挤出机 | 7、单双连接体   | 13、沸腾床   |
| 2、加料口一   | 8、单螺杆挤出机  | 14、原料收集孔 |
| 3、加料口二   | 9、偏心风冷切粒机 | 15、沸腾风机  |
| 4、填充计量   | 10、离心脱水机  | 16、水池    |
| 5、侧喂料    | 11、出料斗    | 17、水泵    |
| 6、排气     | 12、输送风机   |          |
- 
- |                                       |                                 |
|---------------------------------------|---------------------------------|
| 1、Twin screw extruder                 | 10、Centrifugal hydroextractor   |
| 2、Feeding port1                       | 11、Material discharge hopper    |
| 3、Feeding port2                       | 12、Air conveyor                 |
| 4、Fillers dosing                      | 13、fluidized bed                |
| 5、Side feeder                         | 14、Gathering silo               |
| 6、Venting                             | 15、Blower fan for fluidized bed |
| 7、Connection of single and twin screw | 16、Water tank                   |
| 8、Single screw extruder               | 17、Water pump                   |
| 9、Eccentric air-cooling pelletizer    |                                 |

风冷造粒生产线

Air-cooling Pelletizing

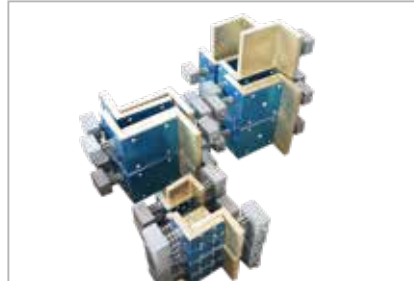


- |          |         |
|----------|---------|
| 1、料斗     | 5、风冷切粒机 |
| 2、喂料机    | 6、风机    |
| 3、双螺杆挤出机 | 7、旋风分离器 |
| 4、排气     | 8、冷却振动筛 |
- 
- |                       |                           |
|-----------------------|---------------------------|
| 1、Hopper              | 5、Air-cooling pelletizer  |
| 2、Feeder              | 6、Blower fan              |
| 3、Twin screw extruder | 7、Whirlwind separator     |
| 4、Venting             | 8、Cooling vibratory sieve |



## 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



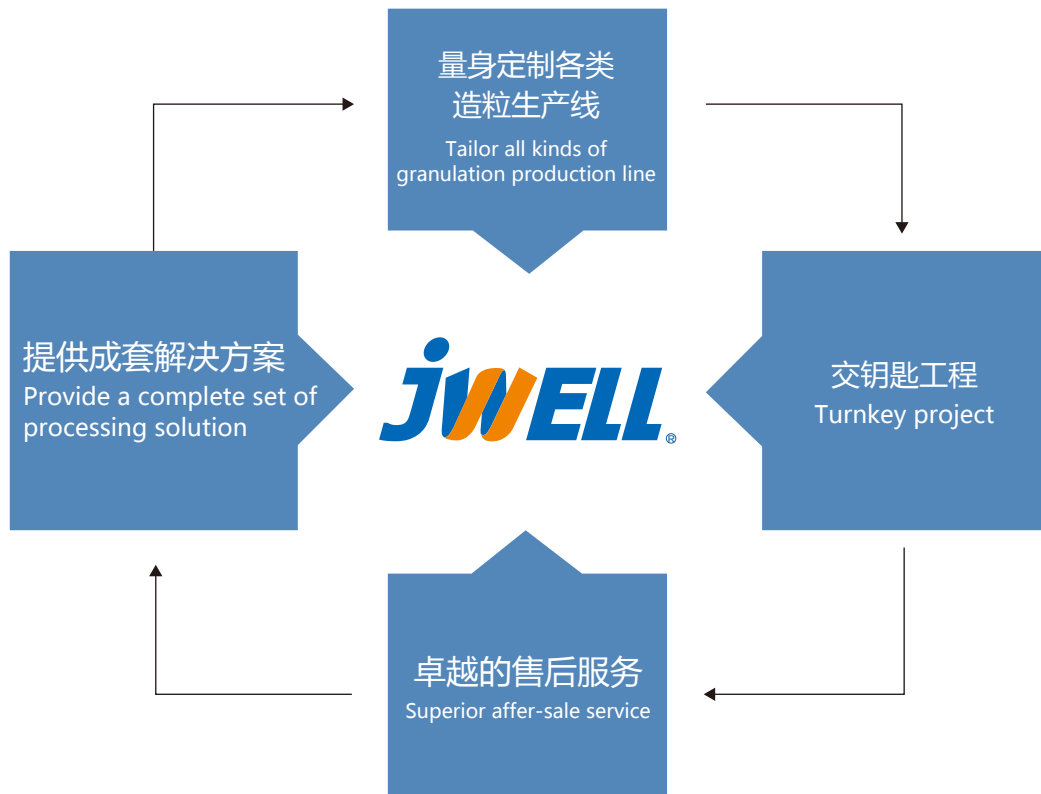
计量泵  
Metering pump



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：

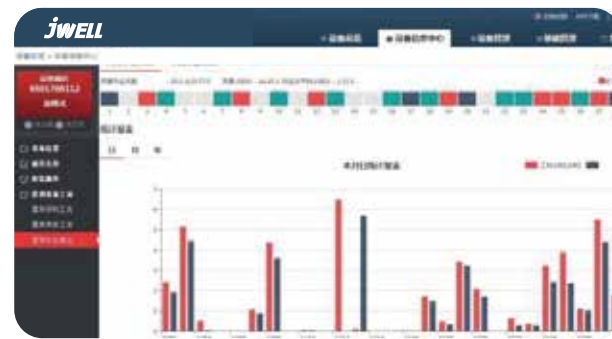
- 1.可以监测主机电流。
- 2.可以监测主机温度。
- 3.可以监测主机电能。
- 4.可以监测主机每吨物料能耗（目前仅支持有米重控制的设备）。
- 5.可以在手机上查看数据信息。
- 6.可以记录并统计设备故障，部件更换等信息。
- 7.可以连接MES系统。
- 8.可以远程调试程序。

In the process of industrial 4.0, our equipment is more intelligent! Intelligent production line of Jwell:

1. can monitor the current of the extruder.
2. can monitor the temperature of the extruder.
3. can monitor the power of the extruder.
- 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，提高物流配送准确率，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