

JWELL

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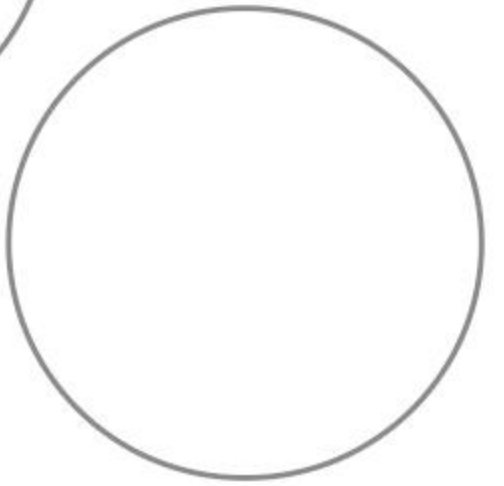
常州金纬国胜管道设备有限公司
CHANGZHOU JWELL GUOSHENG PIPE EQUIPMENT CO.,LYD.

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常州金纬简介

常州金纬胜管道设备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司参观、指导、合作、我们愿为您提供强有力的支持。



公司产品已遍布全国各地，并出口到俄罗斯、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，深受客户好评。

“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

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CHANGZHOU JWELL

JWELL MACHINERY GUOSHENG PIPE EQUIPMENT CO.,LYD. is another development strategy center of Shanghai JWELL Machinery Co.,Ltd, locating at Jiangsu zhongguancun technology industrial park, Liyang city, 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 shop. 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!



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

“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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卧式压力水冷双壁波纹管生产线

Horizontal pressure water cooling double wall corrugated production line

性能特点 PERFORMANCE AND ADVANTAGE:

金纬公司最新开发的卧式双壁波纹管生产线，是在充分吸收国内外先进技术的基础上，自主研发的新一代卧式压力水冷生产线，拥有十多项发明专利。

- 有多种类型挤出机可供选择，可实现HDPE、PP各种管材的生产，也可满足单壁波纹管生产需求。
- 定径套选用铝合金材质，表面经耐磨处理；管材波形经过专门的软件程序计算，可以在同样的米重下获得更优的环刚度。
- 成型机滑动底座为齿轮传动，装有大尺寸滚针轴承，提高了滑动底座的承载力；运行更平稳，寿命更长。
- 生产线为固定中心高，更换规格时不需再次调整。
- 不同规格生产线模块通用；快卸式模块设计，使模块装卸方便快捷；独特模块内冷却设计，使冷却水在模块内部快速的流动，实现管材的快速冷却定型；主传动采用双速电机驱动，可以实现稳定精确运行。
- 采用先进的PLC与彩色大屏幕液晶显示屏组成的控制系统，可单机调整，全线联动，操作简单，生产稳定可靠，自动化程度高，故障自动报警。
- 本生产线除可用单螺杆挤出机生产外，还可采用锥形双螺杆挤出机及平行双螺杆挤出机生产。三种挤出机均由金纬公司生产，电控精准、塑化良好、运行稳定，能满足不同客户对产品的需求。

Jwell's newly developed horizontal double-wall corrugated production line is a second-generation horizontal pressure water cooling production line, which is independently developed on the basis of domestic and international advanced technologies. It has more than ten invention patents.

- There are a variety of types of extruders to choose, which can achieve the production of various HDPE, PP pipe, also can meet the production demand of single-wall corrugated pipe.
- Sizing sleeve is made of aluminum alloy, and the surface is wear-resistant. The tube waveform can be calculated by special software program, and the ring stiffness can be obtained at the same weight.
- The sliding base of forming machine is geared and equipped with large size needle roller bearing, which improves the bearing capacity of the sliding base. More stable operation, longer life.
- Production line is fixed center height, and there is no need to adjust again when changing model;
- Common production line modules with different specifications. Quick unloading module design makes module loading and unloading convenient and fast. The unique internal module cooling design enables the cooling water to flow rapidly, internal module realizes the rapid cooling and shaping of pipes. The main drive is driven by a two-speed motor, which can realize stable and accurate operation.
- Using advanced PLC and color LCD control system, which can be adjusted by single machine, linkage of all lines, simple operation, stable and reliable production, high degree of automation, automatic fault alarm.
- In addition to single screw extruder, tapered twin screw extruder and parallel twin screw extruder can be used in this production line. All three kinds of extruders are produced by JWELL, with precise electronic control, good plasticizing and stable operation, which can meet the needs of different customers.

主要技术参数 Main technical parameters

| 型号 Type | 管材规格 (mm) Pipe Size | 生产速度(m/min) Speed | 总装机功率(Kw) Total Power | 生产线长宽(m) Product Line length and width |
|------------|------------------------|----------------------|--------------------------|---|
| JWBW-150 | ID40-150 | Max15 | 270 | 28 × 4.5 |
| JWBW-300 | ID100-300 | Max7.5 | 340 | 30 × 6 |
| JWBW-600 | ID100-600 | Max5.5 | 490 | 34 × 6 |
| JWBW-800 | ID200-800 | Max4.2 | 615 | 38 × 8 |
| JWBW-1000 | ID300-1000 | Max3.8 | 795 | 38 × 8.5 |
| JWBW-1200 | ID400-1200 | Max2 | 890 | 38 × 9 |
| JWBW-1500 | ID600-1500 | Max1.2 | 1110 | 42 × 9.5 |



卧式开放水冷双壁波纹管生产线

Horizontal open style water cooling double wall corrugated pipe production line

性能特点 PERFORMANCE AND ADVANTAGE:

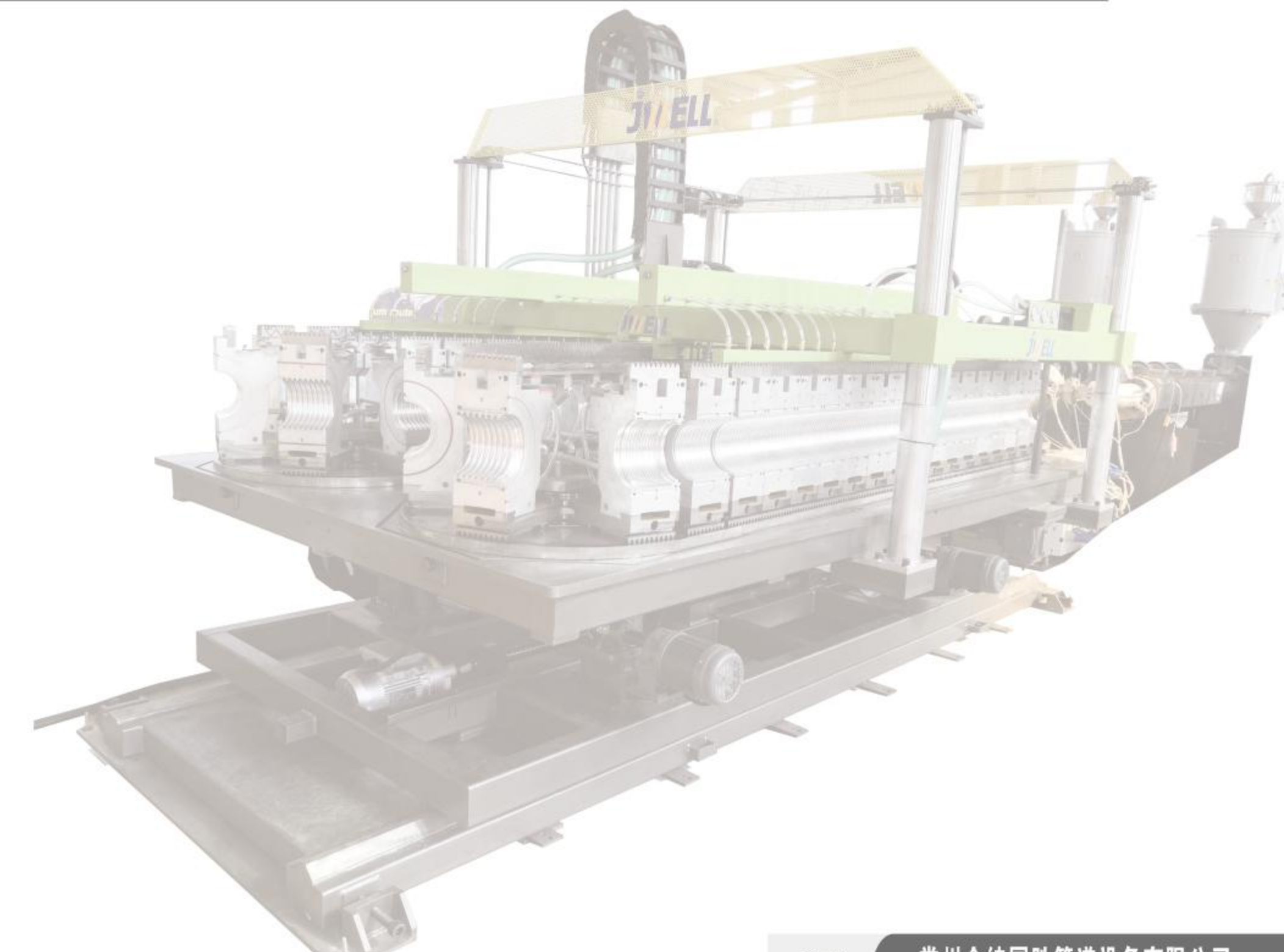
- 定径套选用铝合金材质，表面经耐磨处理；管材波形经过专门的软件程序计算，可以在同样的米重下获得更优的环刚度。
- 成型与返回段均有冷却水注入（市场上此类机型采用风冷，不通水）。
- 成型机带有特殊结构可以有效减轻管材错位（带专利保护）。
- 成型机带有特殊结构可以有效抑制上翘，保证模块永不变形（带专利保护）。
- 平台带有导向装置，可以实现模座的同步进入。
- 成型机带有真空包可以提高真空的稳定性。
- 成型机带有备用电源，可以保证在突然断电的情况下设备顺利退出生产位置防止抱套。
- 采用特殊结构的接水盘，可以保证大流量的冷却水注入模块（带专利保护）。
- 下机架、上框架移动均为电动调节。
- 本生产线除可用单螺杆挤出机生产外，还可采用锥形双螺杆挤出机及平行双螺杆挤出机生产。三种挤出机均由金纬公司生产，电控精准、塑化良好、运行稳定，能满足不同客户对产品的需求。



- Sizing sleeve is made of aluminum alloy, and the surface is wear-resistant. The tube waveform can be calculated by special software program, and the ring stiffness can be obtained at the same weight.
- Cooling water is injected at both forming and return sections (such models in the market are air-cooled and without water).
- The molding machine has special structure to effectively reduce the dislocation of pipe (with patent protection).
- The molding machine has special structure to effectively inhibit the upwarping and ensure that the module will not deform (with patent protection).
- The platform is equipped with guide device, which can realize synchronous access of mold base.
- The stability of vacuum can be improved by the vacuum box of the molding machine.
- The molding machine is equipped with backup power supply, which can ensure the smooth withdrawal of the equipment from the production position in case of sudden power failure to prevent the locking
- Special structure of water tray can ensure the high flow cooling water injected into module (with patent protection).
- The movement of lower frame and upper frame are all electrically adjusted.
- In addition to single screw extruder, tapered twin screw extruder and parallel twin screw extruder can be used in this production line. All three kinds of extruders are produced by JWELL, with precise electronic control, good plasticizing and stable operation, which can meet the needs of different customers.

主要技术参数 Main technical parameters

| 型号 Type | 管材规格 (mm) Pipe Size | 生产速度(m/min) Speed | 总装机功率(Kw) Total Power | 生产线长宽(m) Product Line length and width |
|------------|------------------------|----------------------|--------------------------|---|
| JWBWK-400 | Id100 - 400 | Max3.5 | 265 | 30 × 4 |
| JWBWK-500 | ID200 - 500 | Max3.5 | 280 | 30 × 4 |



双壁波纹管打孔机

Double wall bellows punch

性能特点 PERFORMANCE AND ADVANTAGE:

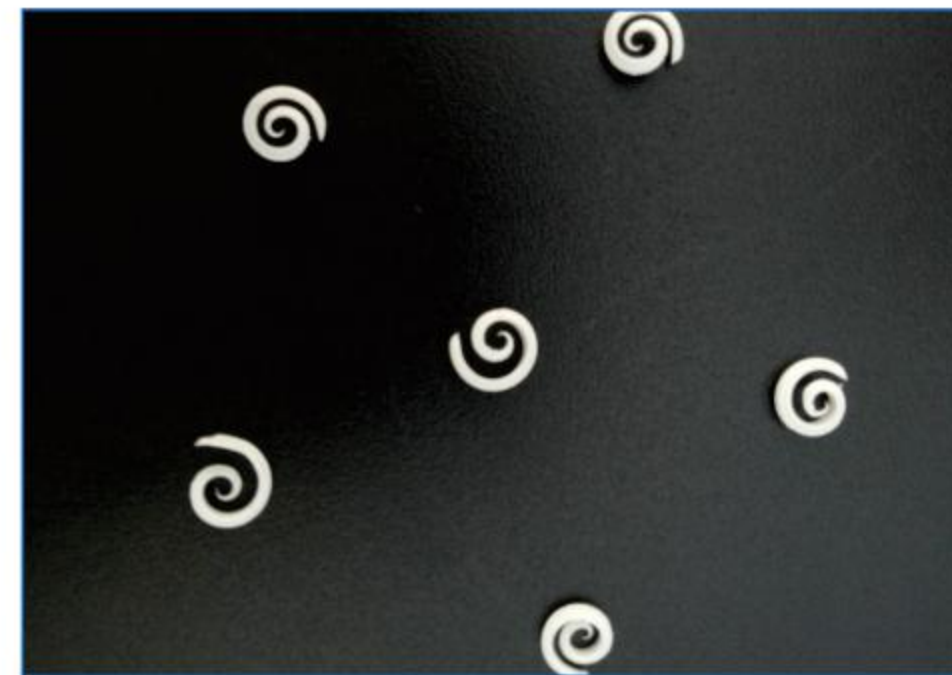
本设备为自主研发，可实现PVC、PE波纹管的在线打孔（无扩口），采用全封闭设计，安全可靠；打孔切屑为条状，无粉尘污染便于清理回收；

可以随意选择打孔数量；采用PLC控制，自动化程度高。

性能稳定可靠，使用寿命长，操作简单，生产效率高。

This equipment is independently developed, can realize PVC, PE corrugated pipe online drilling (no flaring), using a fully closed design, safe and reliable. Perforated chips are in strips, which are easy to clean and recover without dust. You can choose the number of holes.

The line has PLC control with high degree of automation. It is stable and reliable with long service life. The line is simple to operate with high production efficiency.



主要技术参数 Main technical parameters

| 型号 Type | 管材规格 (mm) Pipe Size | 功率(m/min) Power | 打孔排数 Punch line qty | 外形尺寸(m) Overall dimensions |
|------------|------------------------|--------------------|------------------------|-------------------------------|
| JWDK-160 | OD110-OD160 | 1.5 | Max6 | 2.1 × 1.2 × 1.5 |
| JWDK-315 | OD110-OD315 | 2.2 | Max6 | 3 × 1.2 × 1.7 |

锥形双螺杆挤出机

Conical twin screw extruder

性能特点 PERFORMANCE AND ADVANTAGE:

本公司生产的 SJZ 各系列锥形双螺杆挤出机，主要用来生产加工管材、型材、片板材制品，具有产量高，塑化好，节能降耗，运行平稳等显著特点，电气控制配置先进，可以按照客户的要求选择电脑柜或仪表柜等。

Kinds of SJZ extruders that our company designs especially for producing the pipe, profile sheet and plate, our extruders can promise a good plasticization, high capacity and advanced electric control, and the electrical cabinet can be chosen by customer according to their own demands.

技术参数 Technical parameters

| 型号 Model | SJZ80/156 | SJZ92/188 | SJZ110/220 |
|-----------|-----------|-----------|------------|
| 螺杆转数 rpm | 34.7 | 34.7 | 34.7 |
| 电机功率 KW | 55 | 110 | 160 |
| 生产能力 kg/h | 300/400 | 600/800 | 1200/1400 |
| 中心高 mm | 1050 | 1100 | 1100 |
| 净重 kg | 5500 | 8000 | 10000 |



智能高速双工位收卷机

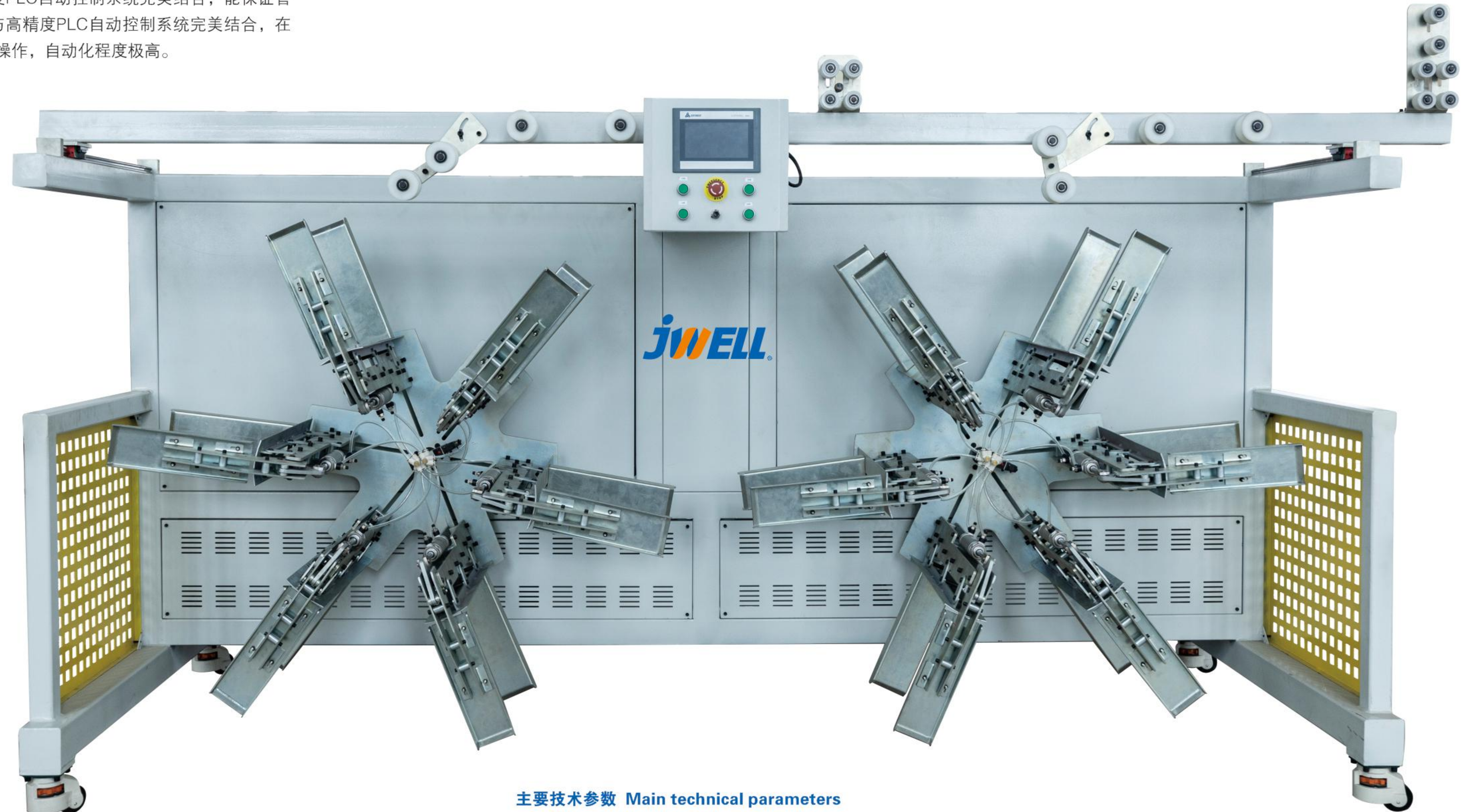
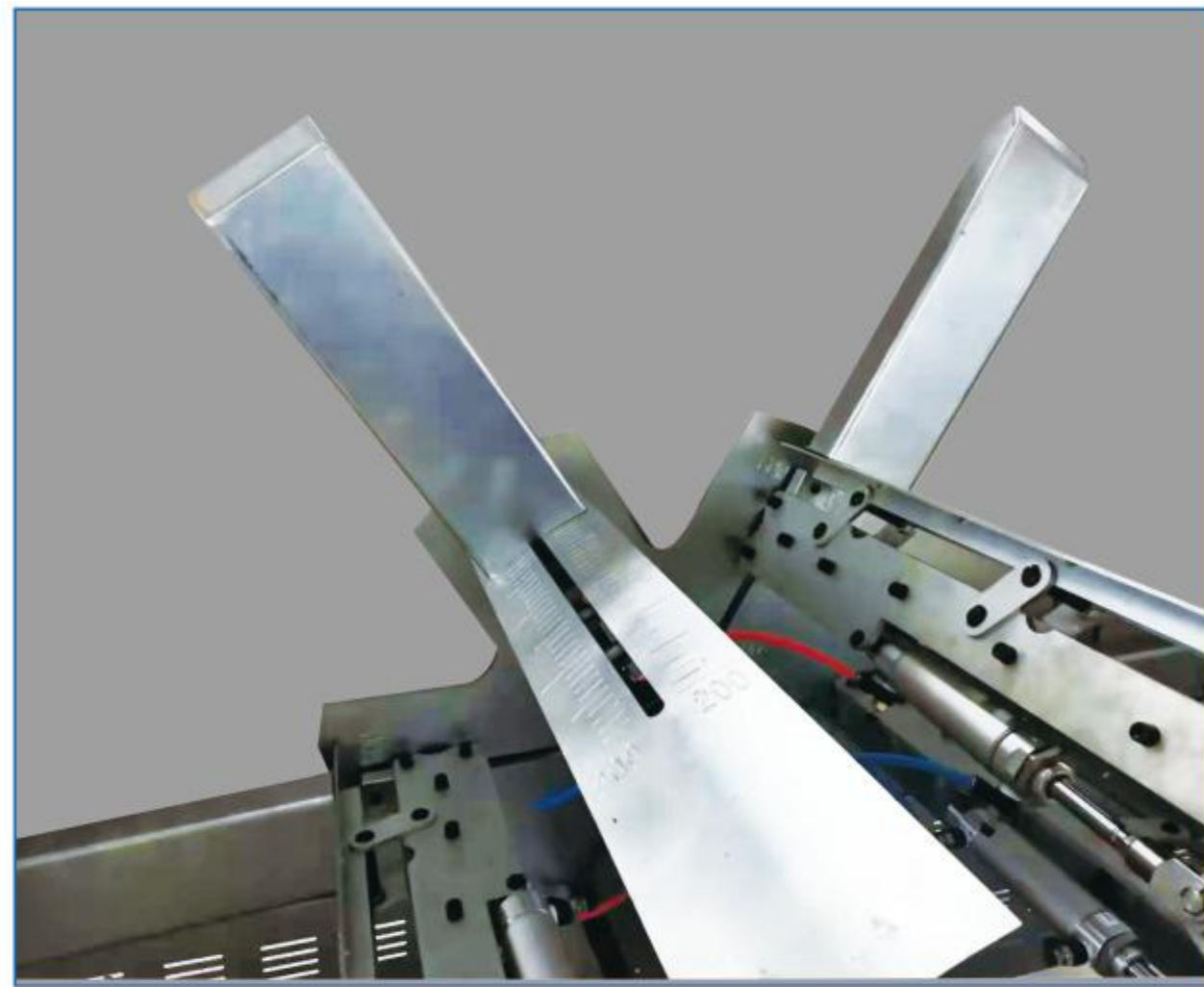
Intelligent high – speed double – station winding machine

性能特点 PERFORMANCE AND ADVANTAGE:

本设备为自主研发，可对PPR和PE-RT管材进行自动收卷，以先进机械构造与高精度PLC自动控制系统完美结合，能保证管材排列均匀整齐且运行平稳，并能实现单人轻松操作。自动收卷机以先进机械构造与高精度PLC自动控制系统完美结合，在生产过程中能保证管材排列均匀整齐且运行平稳，速度自由控制，并能实现单人轻松操作，自动化程度极高。

This equipment is independently developed, which can automatically wind PPR and PE-RT pipes. With the perfect combination of advanced mechanical structure and high-precision PLC automatic control system, it can guarantee even and orderly arrangement of pipes and smooth operation and can realize easy operation for one person.

Automatic coiling machine with advanced mechanical structure and high precision PLC automatic control system perfect combination. During the production process, it can ensure the uniform and orderly arrangement of pipe and smooth operation, speed free control, and It can realize the easy operation by 1 individual and has high degree of automation.



主要技术参数 Main technical parameters

| 型号 Type | 收卷管材规格 (mm) Coiling Pipe Size | 收卷速度(m/min) Coiling Speed | 收卷芯径(mm) Coiling core diameter | 外形尺寸(m) Overall dimensions |
|------------|----------------------------------|------------------------------|-----------------------------------|-------------------------------|
| JWSJ-40 | 16-32 | 30 | Min400 | 3.1 × 1.5 × 1.5 |

大口径HDPE缠绕结构壁管材生产线(B型) --克拉管

Production line for wall pipe with large diameter polyethylene winding structure (Type B)--KPS tube

性能特点 PERFORMANCE AND ADVANTAGE:

该生产线同步挤出矩形板料和圆形管料，矩形板料直接缠绕到加热后的模具上，圆形管料在PP单壁波纹管的支持下缠绕到矩形板料的搭接缝上形成结构壁管材。该生产工艺可以生产高环刚度和超大口径的结构壁管，成品环刚度及冲击强度高。生产灵活度高，开停机方便，能快速的更换生产所需的模具，不产生废料，大幅降低用户的生产成本。

生产线经适当变换部分单元，即可实现立体缠绕检查井的生产，大幅提高了该生产的使用效率，实现了一机多用的目的。自动化程度高，采用PLC控制系统，可以提供良好的人机对话界面，操作方便。

The production line synchronously extrudes rectangular sheet material and circular tube material, which is directly wound to the heated mold, and circular tube material is wound to the lap joint of rectangular sheet material under the support of PP single-wall corrugated pipe to form structural wall tube material. The process can produce high ring stiffness and very large diameter wall Pipe, finished ring stiffness and impact strength is high. High flexibility of production, easy to start and stop, can quickly replace the required mold production, and do no waste tube generation, greatly reduce the production cost of users.

The production of three-dimensional winding inspection can be realized by changing some units of the production line, which has been greatly improved. The decreasing efficiency of this production is realized multi-purpose of machine. High degree of automation, the use of PLC control system, can provide a good man-machine dialogue interface. It's easy to operate.

主要技术参数 Main technical parameters

| 型号 Type | 管材规格 (mm) Pipe Size | 生产速度(m/min) Speed | 总装机功率(Kw) Total Power | 生产线长宽(m) Product Line length and width |
|------------|------------------------|----------------------|--------------------------|---|
| JWKL-2000 | ID300-2000 | 0.35 | 320 | 38 × 16 |
| JWKL-3000 | ID300-3000 | 0.35 | 450 | 38 × 16 |



玻璃纤维增强塑料电缆导管 (BWFRP) 生产线 (5G电缆管道) Glass Fiber Reinforced Plastic Cable Conduit (BWFRP) Production Line (5G cable Conduit)

性能特点 PERFORMANCE AND ADVANTAGE:

该生产线以玻璃纤维、不饱和树脂为主要原料，通过编绕拉挤工艺可以实现自动化连续生产。BWFRP (5G电缆管道) 是一种新型套管材料，由编绕层、抗拉层、内外表层构成，具有强度高、抗冲击力强、韧性好、耐腐蚀、耐高低温、绝缘阻燃、使用寿命长、内外表面光滑(穿缆线容易等)、产品重量轻、无毒绿色环保等优势，具有传统管材无法比拟的优点。

广泛应用于各城市地区的市政工程、民航机场、码头、轨道交通、电力、通讯等工程中。



The production line uses glass fiber and unsaturated resin as main raw materials, and can realize automatic continuous production through winding, pultruding and extruding process.

BWFRP cable pipe (5 G) is a new type of casing material, by the winding layer, tensile, both inside and outside surface, has high strength, strong impact resistance, good toughness and corrosion resistance, high and low temperature resistance, flame retardant insulation, long service life. The smoothness of inner and outer surface makes wear line easier etc. Products are light and non-toxic green environmental protection.it has the incomparable virtues than the traditional pipe.

It is widely used in municipal engineering, civil airport, wharf, rail transit, electric power, communication and other projects in various urban areas.



主要技术参数 Main technical parameters

| 型号 Type | 管材规格 (mm) Pipe Size | 生产速度(m/min) Speed | 总装机功率(Kw) Total Power | 生产线长宽(m) Product Line length and width |
|------------|------------------------|----------------------|--------------------------|---|
| BR-175 | 100-175 | Max0.55 | 40 | 30 × 4.5 |
| BR-275 | 175-275 | Max0.55 | 50 | 30 × 4.5 |