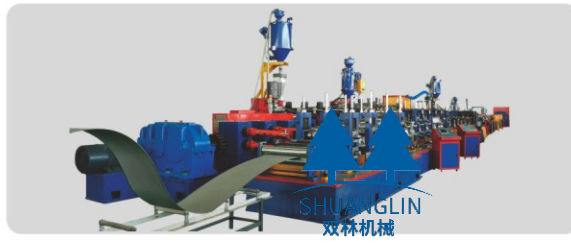




金属耐压复合管道挤出生产线

Metal-Plastic Composite Pipe Production Line



Zhejiang Shuanglin Environment Co.,Ltd.
Zhejiang Shuanglin Technology Co.,Ltd.

浙江双林环境股份有限公司

浙江双林机电科技有限公司

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WELCOME TO SHUANGLIN COMPANY

Shuanglin company business covers plastic pipe and composite pipe machinery, plastic pipe, material trading, and new material technology innovation.

The main business of Shuanglin company specialized on plastic and composite pipe machinery. Since 1978, Shuanglin have been seeking new solutions for the plastic extrusion, extrusion moulding and multi layer pipe forming & welding. All the innovations are based on safer application, faster installation, easier production and less energy consumption. Thanks to the 400 employees, who makes Shuanglin pipe machinery reach 7500 sets all over the world. University and Chemical Institute cooperation helps Shuanglin pipe extrusion solutions fully certified and approved.

We follow the ISO9000 quality management system, and CE design standard, making the machinery highly reliable quality and fast remote service. Meanwhile, Shuanglin service engineer goes all over the world to spread the know-how and skills, to help the pipe factory save energy and waste, improve pipe quality and efficiency.

Mission 司使命
使命: 健全卓越品质拥有世界影响力
Make The World Change Plastic Pipe Machine.

Value 价值观
创新为先, 品质为重, 以人为本, 诚信为魂!
Honesty consists of Specialized Innovation and Quality.

Corporate culture 企业文化
让每一位员工成为更好的自己!
Make every employee who stays at the company to be the best of himself.

浙江双林环境股份有限公司专业从事重大直径塑料管道生产线、复合管道生产线等塑料机械成套研发、制造的国际高新技术企业。标准了高产能7500多平方米, 年产量设备生产能在1000套左右, 独具优势的产品有铝塑复合管生产线、16-1600mmPE双壁管生产线、300-4000mm缠绕增强管生产线、节能高速PE-RT、PE管生产线、一般挤出PVC管生产线。

双林职工600多人, 其中, 中、高级工程及专业技术人员260多名, 2008年成立绍兴市企业技术中心, 公司自成立以来不断地进行技术创新和升级, 加入了国家“双百工程”, 开展了浙江大学机械研究所长期合作, 截止至2012年3月, 获得国家发明专利, 并承担了多项国家设计项目。2008年12月, 公司入选国家高新技术企业, 2010年取得国家高新技术企业证书; 双林公司入选在浙江省重点扶持的高新技术企业, 信用等级AAA; 2010年12月, 双林产品入选“浙江名牌产品”; 公司通过了ISO9000质量管理体系、GB/T28001:2001职业健康安全体系、ISO14001:2004环境管理体系、双林认证等标准认证。

2009年公司在浙江海盐县工业区块成立双林工业园, 总投资2亿元, 专注于塑料机械成套设备的研发、制造、销售, 经过多年潜心研究, 公司在球水成管设备取得重大突破, 其中大直径之缠绕增强管生产线填补了国内空白, 并已获得国家发明专利。

双林为林、聚木成林、协同发展, 和衷共济, 在全体员工的共同努力下, 双林将努力打造成中国塑料机械的标杆企业!

双林愿景——双木为林、聚木成林, 聚力双林打造成中国塑料机械的标杆企业, 为人类创造节能环保的绿色生活。

双林使命——用专业立业的理念为客户创造价值, 以精益求精的精神为客户提供安全、高效、环保的生产设备。

双林价值观——对内, 以人为本、对外, 诚信立业。

双林精神——双木为林、聚木成林, 协同发展, 和衷共济。

SHUANGLIN PLASTIC MACHINERY

Butt Welding Steel-plastic Composite Pipe Production Line

PSP对焊钢塑复合压力管生产线

Main technical characteristics 主要技术特点

This production line adopts continuous welding forming compound process, one step produces steel-plastic composite pressure pipe. It's one of the key popularized science and technology achievement projects by MOC.

Steel bell precision roller pressure molding process used to ensure stable and continuous welding. Precise synchronization control technology makes each hauling machine works at a uniform speed. Special argon arc welding machine, welding torch cooling system and double welding torch automatic conversion device are equipped, ensure long-term continuous production.

Adopts continuous welded tube inner and outer layer of plastic composite extrusion technology to solve the adhesion of steel tube.

Shuanglin group successes on the brand new connection of steel-plastic pipe.

The extrusion line can be easily modified to produce both butt-weld steel-plastic composite pipe and solid wall plastic pipe.

It adopts advanced PLC and color LCD touch screen control system for whole extrusion line, single machine adjustment synchronization function realized, failure warning high degree automation and stable and reliable production.



SHUANGLIN 双林机械

SHUANGLIN PLASTIC MACHINERY

Butt Welding PEX-AL-PEX Composite Pipe Production Line

对焊铝塑复合管生产线

该生产线采用连续对焊挤出成型工艺, 一步法生产铝塑复合压力管, 该产品是建设部重点推广的科技成果项目。

采用钢带精密轧制工艺, 确保钢带连续均匀稳定。

精确同步控制技术, 使卷筒牵引滚动运行速度均匀一致。

配备专用铝焊机及焊枪冷却系统以焊枪自动切换装置, 保障长期持续生产。

采用连续对焊挤出与内外层塑料复合挤出技术, 解决了铝管与塑料粘接问题。

公司经过多年的努力, 开发出全新的铝塑复合管连接方式, 有效解决了铝塑连接难题。

该生产线适应性强, 即可实现生产对焊铝塑复合管或实壁塑料管。

该生产线采用先进的PLC彩色大真视触摸屏电液控制系统, 单机调整, 全线调整, 故障报警, 自动化程度高, 生产稳定可靠。



SHUANGLIN 双林机械

Main technical parameters 主要技术参数

型号 Type	管材规格 (mm) Pipe Size	最高线速度 (m/min) Max.Speed	总装机功率 (kw) Total Power	生产线长度 (m) Total Length
SLPSP-YH03	Φ20-Φ63	10	230	75
SLPSP-YH10	Φ63-Φ110	5	200	85
SLPSP-YH200	Φ110-Φ200	2	300	95
SLPSP-YH115	Φ200-Φ315	1	350	100

SHUANGLIN PLASTIC MACHINERY

Butt Welding PEX-AL-PEX Composite Pipe Production Line

对焊铝塑复合管生产线

Main technical characteristics 主要技术特点

It adopts high precision passive aluminum on line forming machine with aluminum beam calibration cutting system, on line aluminum storage welding effect testing system, aluminum storage system to guarantee the high roundness and precise dimensions.

Outer layer adhesive and plastic co-extrusion mould design to enhance the AL-PLAS adhesion.

PPR-AL-PPR Butt-welded pipes RPPAPs pipes and outer layer welding copper-plastic pipe also can be produced on this machine only require to make small modification.

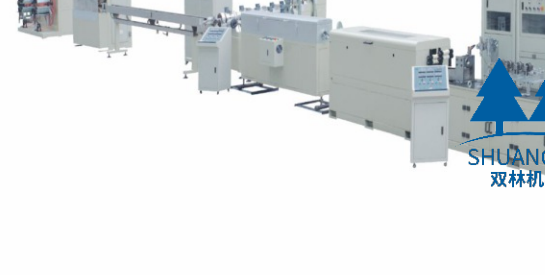
This machine adapts PLC control system and liquid touch screen HMI, easy operation, synchronization, alarm and high automation and reliable performance.

采用精密轧制成型技术, 在线带宽度精确切割技术, 在线自动储带对接技术, 焊枪能在在线检测技术, 保障焊接稳定可靠。

采用外管共挤技术, 提高管件的密封结合强度。

生产线适应性强部分单元, 即可实现对接焊铝塑PP-R铝塑管及PP-R双壁铝塑复合管及外管铝塑PEX-AL-PEX复合管的生产。

生产线采用PLC集成控制系统, 人机对话界面, 具有单机调整, 全线联动, 故障报警, 自动储存记录工艺参数, 操作简便, 生产稳定可靠。



SHUANGLIN 双林机械

SHUANGLIN PLASTIC MACHINERY

Overlap Welding PEX-AL-PEX Composite Pipe Production Line

搭接铝塑复合管生产线

Main technical characteristics 主要技术特点

It adopts high precision passive aluminum on line forming machine with welding effect testing system, guarantee the high roundness and precise dimensions.

The outer plastic-glue and inner plastic-glue adapts two step co-extrusion technology, improves the plastic-aluminum adhesion quality, and make it much easier to adjust and start the production, as well as different sizes shift.

On line air pressure testing device tests if the welding strengthen qualified.

It adopts PLC control system and HMI for whole extrusion line, synchronization function realized. It helps the group machine production management and quality control.

采用精密轧制成型技术, 在线带宽度精确切割技术, 确保管带尺寸精确, 圆度好; 焊接稳定。

使用内外管分步共挤工艺, 提高了管材各层的结合强度, 避免了热量聚集造成管材性能下降, 配备在线焊接强度检测技术, 确保每一根管材焊接强度符合标准要求。

该线只需增加部分设备单元即可完成外管铝塑(PP-R)铝塑复合管的生产。

生产线采用PLC集成控制系统, 人机对话界面, 具有单机调整, 全线联动, 故障报警, 自动储存记录工艺参数, 操作简便, 生产稳定可靠。



SHUANGLIN 双林机械

SHUANGLIN PLASTIC MACHINERY

Overlap Welding PEX-AL-PEX Composite Pipe Production Line

搭接铝塑复合管生产线

Main technical characteristics 主要技术特点

It adopts high precision passive aluminum on line forming machine with welding effect testing system, guarantee the high roundness and precise dimensions.

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On line air pressure testing device tests if the welding strengthen qualified.

It adopts PLC control system and HMI for whole extrusion line, synchronization function realized. It helps the group machine production management and quality control.

采用精密轧制成型技术, 在线带宽度精确切割技术, 确保管带尺寸精确, 圆度好; 焊接稳定。

使用内外管分步共挤工艺, 提高了管材各层的结合强度, 避免了热量聚集造成管材性能下降, 配备在线焊接强度检测技术, 确保每一根管材焊接强度符合标准要求。

该线只需增加部分设备单元即可完成外管铝塑(PP-R)铝塑复合管的生产。

生产线采用PLC集成控制系统, 人机对话界面, 具有单机调整, 全线联动, 故障报警, 自动储存记录工艺参数, 操作简便, 生产稳定可靠。



SHUANGLIN 双林机械

SHUANGLIN PLASTIC MACHINERY

Stable PPR-AL-PPR Composite Pipe Production Line

无规共聚聚丙烯(PP-R)铝塑稳定复合管生产线

Main technical parameters 主要技术参数

型号 Type	管材规格 (mm) Pipe Size	最高线速度 (m/min) Max.Speed	总装机功率 (kw) Total Power	生产线长度 (m) Total Length
SLAP-CH32	Φ16-Φ32	12	95	40
SLAP-CH63	Φ30-Φ63	5	100	45
SLAP-CH110	Φ75-Φ110	2	220	60

This machine is on the way to replace the PPR extrusion line, it not only produces the PPR-AL-PPR stable pipe, also produces the one layer PPR pipes. Successes on the thinner aluminum composition and adhesion with the PPR pipe.

The PPR pipe composed with one layer aluminum adhesion with the PPR pipe on cool and hot water working condition.

The extrusion line can be easily modified to produce the one layer PPR pipe, Glass Fiber Strengthen PPR Stable pipe and equal indoor/outdoor thickness PPR stable pipe.

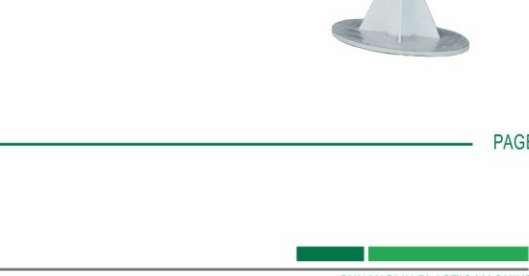
It adapts PLC control system and HMI for whole extrusion line, synchronization function realized. It helps the group machine production management and quality control.

该生产线是普通PP-R管材生产设备的升级版的产品, 制造的产品, 有效解决了超薄铝塑PP-R管材管壁, 粘附关键技术难题。

通过在外管PP-R管外壁加一层铝膜和外壁, 增加了管件的抗蠕变能力, 增加了管件的抗蠕变能力, 尺寸稳定性好, 其强度、强度大大高于普通PP-R管材。

该生产线适应性强部分单元, 即可生产普通PP-R管材, 纤维增强铝塑管和超薄铝塑管。

生产线采用PLC集成控制系统, 人机对话界面, 具有单机调整, 全线联动, 故障报警, 自动储存记录工艺参数, 操作简便, 生产稳定可靠。



SHUANGLIN 双林机械

SHUANGLIN PLASTIC MACHINERY

Main technical parameters 主要技术参数

型号 Type	管材规格 (mm) Pipe Size	最高线速度 (m/min) Max.Speed	总装机功率 (kw) Total Power	生产线长度 (m) Total Length
SLAP-WP32	Φ20-Φ32	10	135	50
SLAP-WP63	Φ20-Φ63	8	190	60
SLAP-WP110	Φ75-Φ110	5	225	70
SLAP-WP160	Φ110-Φ160	2	290	90

This machine is on the way to replace the PPR extrusion line, it not only produces the PPR-AL-PPR stable pipe, also produces the one layer PPR pipes. Successes on the thinner aluminum composition and adhesion with the PPR pipe.

The PPR pipe composed with one layer aluminum adhesion with the PPR pipe on cool and hot water working condition.

The extrusion line can be easily modified to produce the one layer PPR pipe, Glass Fiber Strengthen PPR Stable pipe and equal indoor/outdoor thickness PPR stable pipe.

It adapts PLC control system and HMI for whole extrusion line, synchronization function realized. It helps the group machine production management and quality control.

该生产线是普通PP-R管材生产设备的升级版的产品, 制造的产品, 有效解决了超薄铝塑PP-R管材管壁, 粘附关键技术难题。

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该生产线适应性强部分单元, 即可生产普通PP-R管材, 纤维增强铝塑管和超薄铝塑管。

生产线采用PLC集成控制系统, 人机对话界面, 具有单机调整, 全线联动, 故障报警, 自动储存记录工艺参数, 操作简便, 生产稳定可靠。



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