



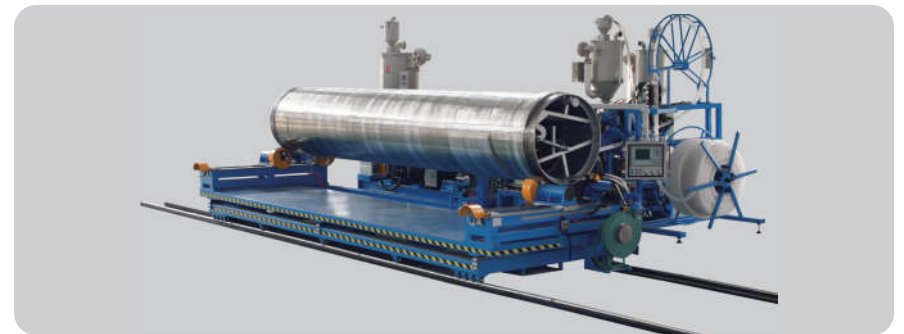
智能管道装备系统解决商

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市政排水管道挤出生产线 Infrastructure Sewage 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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**Mission
公司使命**

做全球最值得拥有的管道塑机!
Make The Worthy Owning Plastic Pipe Machine.

**Value
核心价值**

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

**Corporate culture
企业文化**

让留在公司的每一名员工成为最好的自己!
Make every employee who stays at the company to be the best of himself.

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 high 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.

浙江双林塑料机械有限公司是专业从事大直径塑料管道生产线、复合管道生产线等各种塑料机械成套装备研发、制造的国家级高新技术企业。标准厂房面积75000多平方米,年管道设备生产能力在1000套左右,独具优势的产品有铝塑复合管生产线、16-1600mmPE实壁管生产线、300-4000mm缠绕增强管生产线、节能高速PE-RT、PB管生产线、一模四出PVC管生产线。

现有职工600多人,其中,中、高级工程师及专业技术人员260多名,2008年成立杭州市企业技术中心。公司自成立以来不断地进行技术创新和产业升级,加入了余杭区“双百工程”、开展了与浙江大学机械研究所长期合作。截止到2012年3月,获得国家专利80余项,并承担了多项国家火炬计划项目。2008年12月,公司评定为国家高新技术企业,近几年获得多项国家创新基金;双林公司现在为国家重点支持领域的高新技术企业、中国驰名商标;2010年12月,双林产品评为“杭州名牌产品”;公司现已通过ISO9000质量体系、GB/T28001:2001职业健康安全体系、ISO14001:2004环境管理体系、欧盟CE等各项认证。

2009年公司在浙江省禹越工业区成立双林工业园,总投资2亿元,专注于塑料机械成套装备的研发、制造、培训。经过多年的潜心研究,公司在排水给水成套装备取得重大突破,其中大直径聚乙烯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。

双木为林,聚木成森;协同共享,和衷共济。在全体员工的共同协作下,双林将努力打造成中国装备制造业的标杆企业!

双林愿景——双木为林,聚木成森,努力将双林打造成中国装备制造业的标杆企业,为人类创造节能环保的品质生活。

双林使命——用专业立身的理念为客户创造价值,以敢超敢为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,聚木成森,协同共享,和衷共济。

Huge Calibre HDPE Profile Wall Pipe Extrusion Line

大口径缠绕增强聚烯烃管生产线

Main technical characteristics

主要技术特点

This production line adopts high efficiency extruding square pipe winding shaping and HDPE extruding welding process to produce the high ring stiffness profile wall HDPE sewage pipe and super large caliber pressure water supply pipe. This pipe has the feather of high ring stiffness and strength, easier producing, the production line is easy to run and stop, fast mandrel changing is available, besides, it can ensure no waste pipe produced, which saves the material distinctly.

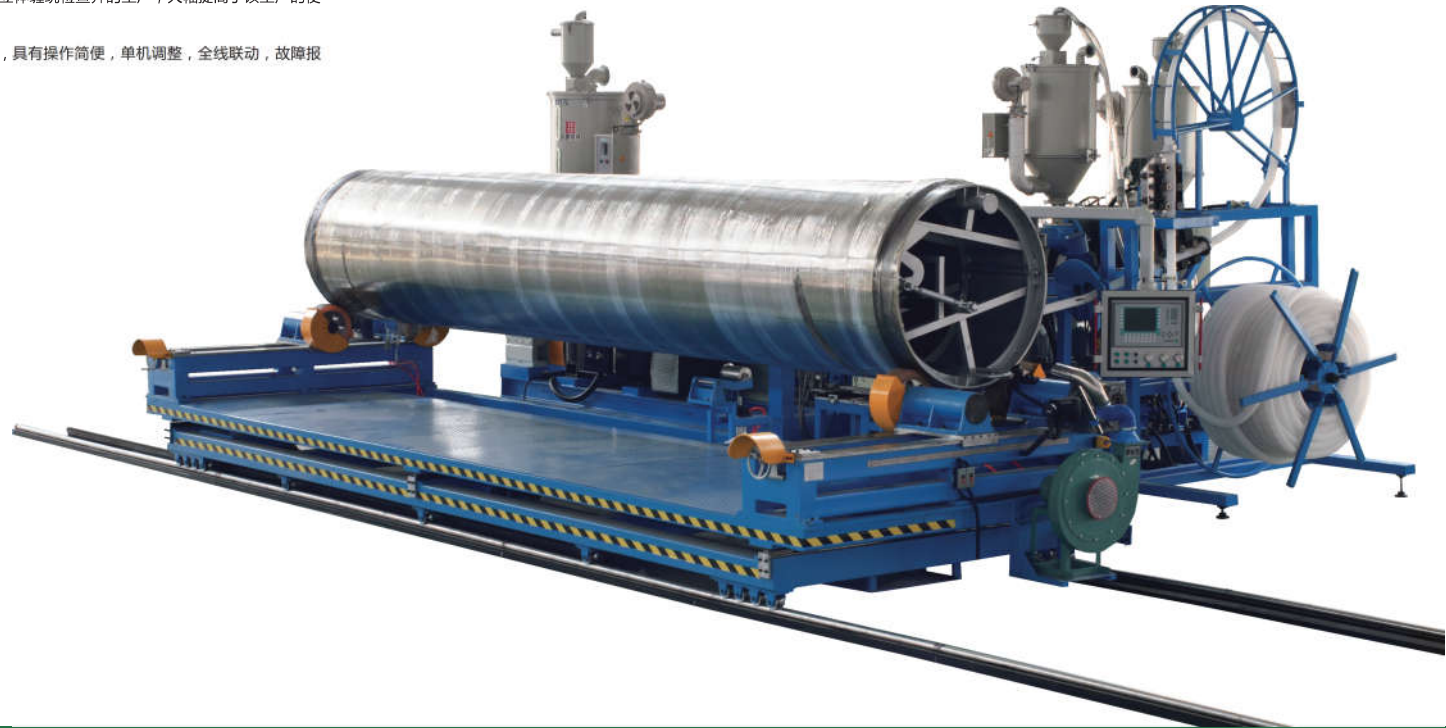
To change some parts, the production line can change to produce the square pipe and convergent type vertical winding manhole, one machine multi function which makes the full use of the machines.

The line adopts advanced PLC and color liquid HMI screen controlling system. Easy operating, standalone adjusting range to synchronization, error alarming, beautiful outlook, highly automatic and stable producing.

该生产线采用高效挤出矩形管缠绕成型和同步PE挤出焊接工艺生产高环刚度结构壁HDPE排污管以及超大口径承压供水管道，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，并且做到无废料管产生，大幅降低用户的生产成本。

生产线经适当变换部分单元，即可实现方形缠绕管和收口式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。

机采用先进的PLC与彩色大屏幕液晶显示屏组成的控制系统，具有操作简便，单机调整，全线联动，故障报警，外形美观，自动化程度高，生产稳定可靠。



Main technical parameters

主要技术参数

型号 Type	管材规格 (mm) Pipe Size	最高生产速度 (m/min) Max Speed	总装机功率 (kw) Total Power	生产线占地(m*m) Space Coverage
SLCRP-2000	Φ300 ~ Φ2000	0.35	320	38*16
SLCRP-3000	Φ300 ~ Φ3000	0.35	450	38*16
SLCRP-4000	Φ1500 ~ Φ4000	0.10	640	38*16
SLCRP-600	Φ200 ~ Φ600	0.50	220	30*12

Double Wall Corrugated Pipe Production Line

双壁波纹管生产线

Main technical characteristics

主要技术特点

Shuanglin latest double wall Corrugated Pipe Production Line is applied on HDPE/PP/PVC Double Wall/Single wall Corrugated Pipe production. It adapts the second generation pressur water cooling moulding technology and 15 invent patent design, pipe ranges ID100-ID800mm Higher speed and low power consumption makes pipe production more competitive than traditional corrugated pipe machine.

Aluminum alloy Material, pipe profile is calculated by specialized software, to improve ring stiffness Runner table installed with big size needle bearings, increases the weight loading capacity, stability and lifetime. Centre height. The mould blocks are horizontally installed in the forming track in fixed centre height, while sizes change, no need to change the corrugator machine centre height. The cooling circuit and vacuum channel in the mould blocks are formed in one time by precision casting with advanced patented technology, which brings a higher strength and longer lifespan for the mould blocks and ensures the production of pipes with higher quality and higher efficiency. The position of corrugator can be adjusted electrically, and quantity in each dimensionality precisely. The corrugators has a function of with drawing in case of emergency.

Forming mould can be used on bigger type corrugator, saves mould investment; Closed loom pressure water circulation cools takes out the heat quickly which makes faster pipe forming; Fast mould change; Main driving takes two-speed motor, stable and high precision running Haul-off and Cutting Machine: High precision cutting positioning, full automatic cutting, less man power apply.

It adopts international top brand PLC control system and modularizing control solution, high compatibility and control precision with high reliability

本公司最新开发的双壁波纹管生产线，是在充分吸收国内外先进技术的基础上，自主研发的二代卧式压力水冷生产线，拥有十多项发明专利，生产范围在ID100mm-ID800mm。

有多种类型挤出机可供选择，可实现HDPE、PP、PVC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。



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 length and width
SLDWC-300	ID100 ~ 300	2.9-7	400	30*6
SLDWC-600	ID200 ~ 600	1.2-4.2	600	34*6
SLDWC-800	ID200 ~ 800	0.8-4.2	750	38*8

Continuous Spiral Winding Pipe Production Line 连续聚乙烯缠绕结构壁(B型)管生产线

Main technical characteristics 主要技术特点

It is the latest innovation on B type spiral pipe(Krah pipe) production. Continuous Spiral winding pipe Production Line (b Type structure Wall Pipe) is the great change on spiral pipe production; first time realized the Continuous pipe winding with socket on line processing.

HDPE SPIral winding pipe (Krah pipe)is widely used on Large-scale drainage systems, Drinking water storage and pipeline systems, Silo and tank construction. High ring stiffness, flexible, rustles, non-leakage non-pollution, installation friendly, smooth internal wall, different ring stiffness adjustable on line Continuous winding key tech is the patent design internal rotary winding tools, replaced the traditional fix ength mandrel, mandrel heating is not required any more, natural gas consumption minimized on continuous wingding.

Production of Continuous wound pipe is easier, pipe quality control more reliable, bigger height of Ppcore pipe makes higher pipe ring stiffness, less defected pipe, less man power, more flexible pipe length while on line socket production.

It adopts international top brand PLC control system and modularizing control solution, high compatibility and control precision with high reliability.

新一代连续型聚乙烯缠绕结构壁管(B型管)生产设备, 是我公司自主研发拥有知识产权的全新产品属于国内首创, 打破了传统缠绕结构壁管非连续生产方式。

HDPE缠绕增强管是一种具有强度高、弹性好、质量轻、耐腐蚀、零渗漏、无污染、密封性好、施工简便、内壁光滑水阻小、调整环刚度容易等特点新型环保管材

连续挤出缠绕成型工艺成型, 改变了传统的缠绕结构壁管采用胎模生产聚乙烯缠绕结构壁管(B型)做法, 并且大幅节省了燃气用量和相关辅机设备。

连续自动生产的管材外观好, PP管型高, 环刚度好, 重量轻, 工序简单, 人工少, 管材长度可根据需要生产。

先进的PLC控制系统, 单机调整, 全线联动, 故障报警, 自动化程度高, 操作方便, 生产稳定可靠。

Main technical parameters 主要技术参数

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 length and width
SLPEC-800	Φ300 ~ Φ800	0.3	450	20*10



Spiral Corrugated Pipe Bell And Spigot Forming Machine

螺旋波纹管承插口制造机

Main technical characteristics

主要技术特点

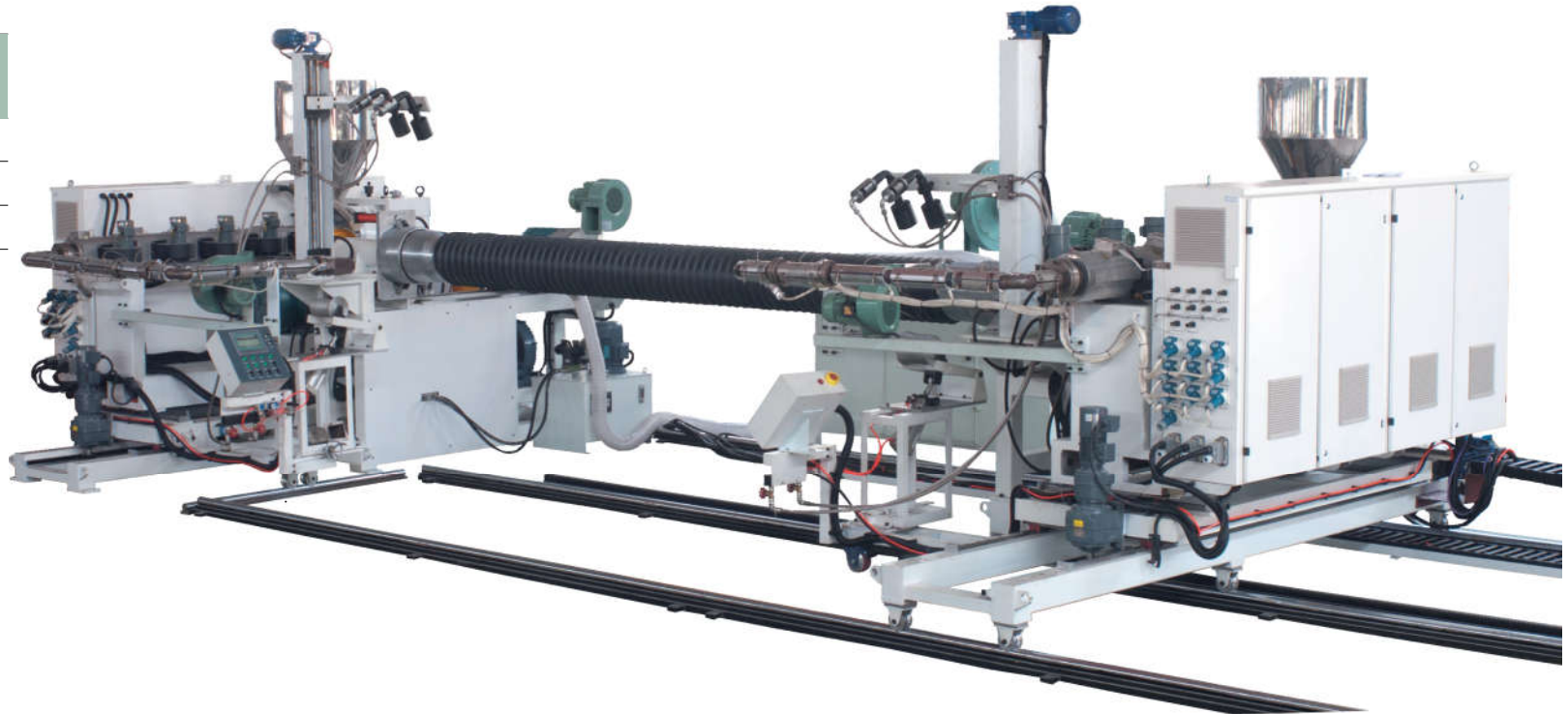
Applied diameter ranges Dn300mm to Dn3000mm, length 6000mm to 12000mm.
The whole machine accomplishes to produce the widest specifications ranges all over world.
The production line is easy to operate and stable in production.
The production line consists of different modules, one module under repairing does not influence on the other modules, it will not cause suspension while repairing.

加工管材直径范围DN300mm-DN3000mm，标准长度6000mm~12000mm。
一条生产线可以实现多种规格产品的生产，远远超过同行业生产线适应能力。
生产线操作简单，生产连续性强。
生产线模块化分工，其中一个模块维修不影响其它模块的生产，改变了当前塑料管材生产线部件维修整机停产的状况。

Main technical parameters

主要技术参数

型号 Type	管材规格 (mm) Pipe Size	最高线速 (m/min) Max.Speed
SL-CH800	Φ300 ~ Φ800	1-1.5
SL-CH2000	Φ900 ~ Φ1800	0.75-1.25
SL-CH3000	Φ1900 ~ Φ3000	0.5-1



Bell and spigot forming machine is exclusive innovation equipment for bell and spigot processing, which are wound formed onto the steel reinforced corrugated pipe. It adopts spiral HDPE profile winding forming technology, guarantee the pipe features with high ring stiffness, flexibility, light weight, chemical resistance and excellent leakproof. Meanwhile, it saves much connection installation work and cost, 100% welding sealing solves the sewage pipe pollution risks.

Bell and spigot processing machinery is the latest creation with Creation Patent, which covers the winding forming, welding and chamfer cutting technology.

承插口制造机，是生产加工钢带聚乙烯螺旋波纹管承插口的专用设备。热挤塑螺旋缠绕成型工艺，其采用HDPE缠绕管是一种具有强度高、弹性好、耐腐蚀、零渗透、无污染、密封性好、施工简便、内壁光滑水阻力小、环刚度高等特点的一种新型缠绕制造承插口环保管材。

承插口制造机是我司拥有自主知识产权的新一代大口径埋地排水管生产设备，该设备技术含量较高，整机系统设计与模具设计属于国内先进技术。