塑料管材的主要应用
Main Applications of Plastic Pipes

给水管
Drinking water supply pipe

PVC 给、排水和电力护套管
PVC water supply,drainage and cable protection pipe

通讯和电力管
Telecommunication wire and cable protection pipe

农业灌溉管
Agriculture irrigation pipe

PPR 给水管
PPR water supply pipe

燃气管
Gas supply pipe

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高速节能管材生产线
High-speed Energy-saving Pipe Extrusion Line

CE TÜV CERT ISO9001:2015

常州金纬管道科技有限公司
CHANGZHOU JWELL PIPE EQUIPMENT TECHNOLOGY CO., LTD.

JWELL

A Global Supplier of Solutions on Extrusion Technology
金纬机械—全球挤出技术解决方案供应商

80年代初 金海螺第一代螺杆研制成功
In the early 1980s, the first generation screw of JINHAILUO was successfully developed

1997 上海金纬机械
Shanghai JWELL Machinery

2008 苏州金纬机械
Suzhou JWELL Machinery

2012 常州金纬机械
Changzhou JWELL Machinery

2018 贝克威尔（泰国）
Bkwell (Thailand)

2019 浙江金纬智能装备
Zhejiang JWELL Machinery

2020 金纬公司业绩突破50亿人民币
Jwell's annual sales exceeded CNY 5 billion

2021 滁州金纬机械
Chuzhou JWELL Machinery

2024 连续13年荣获中国塑料机械挤出行业排名首位
Ranked first in China's plastic machinery extrusion industry for 13 consecutive years

We Know Extrusion

常州金纬管道科技有限公司是一家定位高端的全新研发型科技有限公司，成立于 2016 年 4 月，为金纬旗下管道设备的高端系列，依托金纬机械常州基地强大的机械加工设备及人才，以全新理念设计研发的 MFH 系列聚烯烃 (PO) 高效节能管材 (Φ8-Φ2700mm) 挤出生产线、聚氯乙烯 (PVC) 高效节能管材 (Φ16mm-Φ1200mm) 挤出生产线，设备具有高产量、低能耗、良好的熔体均质性及长期运行的稳定性，采用模块化设计方案为产品的系列化、通用性提供便利，在如何节省原材料、提高自动化程度、确保高产出率、高品质精密挤出及为用户量身定制的极具竞争力的产品等方面都提供了完美的整体系统解决方案。

Changzhou JWELL Pipe Equipment Technology Co.,Ltd., founded in April 2016, is a new high-end R&D company. JWELL's high-end products. Supported by JWELL Machinery's powerful Changzhou base and human resources, the MFH series polyolefin (PO) high efficient and energy-saving pipe (Φ8-Φ2700mm) extrusion line and polyvinyl chloride (PVC) high efficient and energy-saving pipe (Φ16mm-Φ1200mm) extrusion line, both designed and developed with brand-new rationale, have such merits as high output, low energy consumption, excellent melt homogeneity, and long-term operation stability. Their modular design creates the condition for exchangeability among products and for producing products in series. A perfect and complete system solution is provided that satisfies the need for reducing raw material consumption, improving automation, ensuring high productivity and high quality and precision extrusion, and customized manufacturing of competitive products.

科技是未来的生产力

“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。

Science and technology constitute the primary productive force for future

“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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President: He Haichao
Mobile: +86 13601628188

您的塑料管材挤出方案的最佳合作伙伴

The Best Partner For Your Plastic Pipe Extrusion

挤出机械物联网 + 智能制造解决方案

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

生产线布置图

Layout Of Production Line

切割机 Cutter | 牵引机 Haul off unit | 喷淋箱 2 Cooling tank2 | 喷淋 箱 1 Cooling tank1 | 真空箱 Vacuum tank | 挤出机 + 米重系统 Extruder +Gravimetric dosing system

全自动收卷机
Fully automatic winding machine

机器人破包上料系统
Robot breaking and feeding system

双金属螺杆
Bimetallic screw

精密螺旋体
Precise spiral body

高产量模具
High output Mould

高速定径套
High speed Calibrator

伺服牵引机
Servo haul off unit

注：可选配的自动化设备：机器人破包上料系统，全自动收卷机 , 米重系统，测厚仪等

Optional Automation Equipment: Robot breaking and feeding system,
fully automatic winding machine, gravimetric dosing system, thickness gauge.

智慧工厂

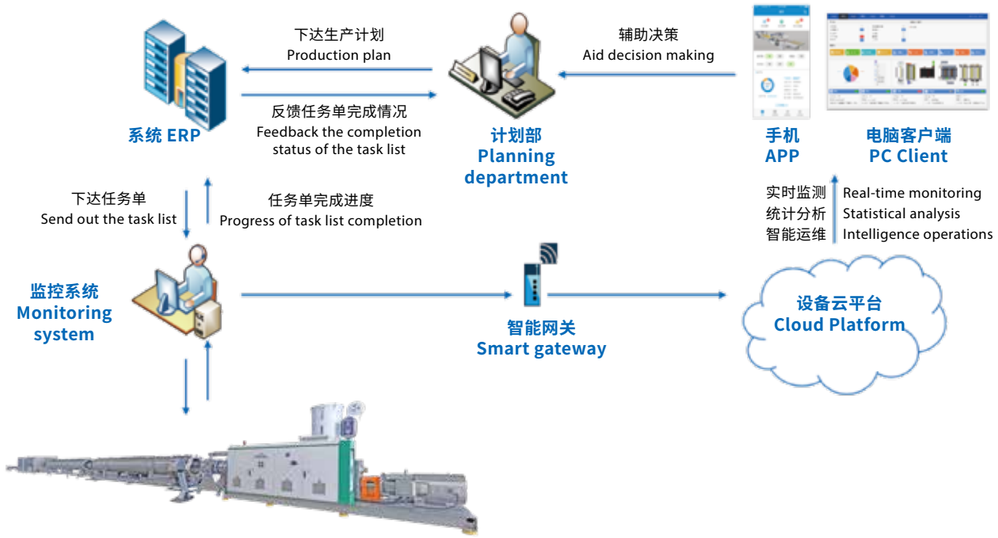
Smart Factory

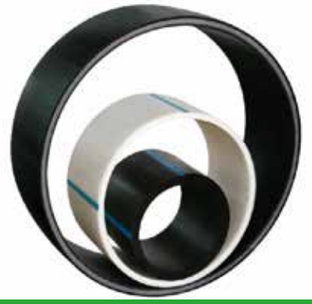
现场大屏幕电子看板
可以直接看到当前生产线

- ●运行状态
- ●单位能耗
- ●各电机负载率
- ●良品率
- ●运行时间
- ●排班计划
- ●故障预警
- ●生产计划等重要数据

On-site large screen electronic kanban can directly view the current production line

- ● Running state
- ● Unit energy consumption
- ● Load rate of each motor
- ● The yield
- ● The elapsed time
- ● Scheduling plan
- ● Fault early warning
- ● Production plan and other important data





JWELL·MFH

Intelligent 智能 | Energy saving 节能 | High speed 高速 | High efficiency 高效

CE TÜV CERT ISO9001:2015

JWELL-MFH 系列 HDPE 聚乙烯给水管，燃气管高速节能挤出生产线

JWELL-MFH Series HDPE Polyethylene High-speed and Energy-saving Water Supply and Gas Supply Pipe Extrusion Line

性能特点：

挤出机配置专用伺服电机，采用高扭矩，高强度减速机。38-40D 的长径比特殊设计的螺杆结构具有良好的热均匀性和较低的熔融温度，稳定高效，进料段开有螺旋槽，可大大提高产量。

- 模具采用德国螺旋式先进技术，机头内熔体压力大，出料均匀，管材壁厚容易控制。
- 真空箱采用变频闭环控制，灵活控制真空度的大小，起到降噪节能的效果。
- 牵引机采用单爪独控及伺服驱动，牵引速度更加稳定，原料利用率提升 1%-3%。
- 切割机采用无屑切割，360°万向夹具更加方便，定长精准切口美观。

Performance features:

The extruder is equipped with a special servo motor and adopts a high-torque and high-strength Gearbox. The specially designed screw structure with L/D ratio of 38-40D has good thermal uniformity and low melting temperature, which is stable and efficient. The feed section has a spiral groove, which can greatly increase the output.

- The mold adopts advanced German spiral technology. The melt pressure in the die head is large, the material is discharged evenly and the pipe wall thickness is easy to control.
- The vacuum tank adopts frequency conversion closed-loop control to flexibly control the degree of vacuum, thereby reducing noise and saving energy.
- The Haul off unit adopts independent control and servo drive of each caterpillar, which makes the traction speed more stable and the raw material utilization rate increased by 1%-3%.
- The cutting machine adopts non-dust cutting. the 360° universal clamp is more convenient, the fixed-length cutting is more precise and the incision is beautiful.

主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)
MFH-F32	MFH-60	8-32	50	180-360
MFH-F63	MFH-60	16-63	40	180-360
MFH-F110	MFH-60	20-110	30	300-360
MFH-F160	MFH-60	20-160	25	300-400
MFH-F160	MFH-60	50-160	10	300-400
MFH-F250	MFH-75	75-250	8	300-640
MFH-F315	MFH-75	110-315	6	400-700
MFH-F450	MFH-90	160-450	2.4	450-800
MFH-F500	MFH-90	160-500	2.4	450-800
MFH-F630	MFH-90	315-630	1.2	500-1250
MFH-F800	MFH-120	400-800	1	700-1400
MFH-F1000	MFH-120	500-1000	1	900-1400
MFH-F1200	MFH-120	630-1200	0.8	1000-1600
MFH-F1600	MFH-150	1000-1600	0.6	1250-1800
MFH-F2000	MFH-120/ MFH-90	1200-2000	0.5	1300-2000
MFH-F2700	MFH-120/ MFH-120	2200-2700	0.1	2400-3000

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.

Intelligent 智能 | Energy saving 节能 | High speed 高速 | High efficiency 高效

CE TÜV CERT ISO9001:2015

JWELL-MFH 系列 PO (PP-R,PE-RT,PB) 聚烯烃地暖管高速节能挤出生产线

JWELL-MFH Series PO (PP-R, PE-RT, PB) polyolefin High-speed and Energy-saving Floor Heating Pipe Extrusion Line

性能特点：

挤出机配置专用伺服电机，采用高扭矩，高强度减速机。38-40D 的长径比特殊设计的螺杆结构具有良好的热均匀性和较低的熔融温度，稳定高效。，进料段开有螺旋槽，可大大提高产量。

- 小管专用模具，水膜式高速定径套，配置数显流量调节装置，小管成型快，速度高。
- 伺服控制高速皮带牵引机，稳定无抖动。
- 配置高速伺服无屑切割，适应高速生产运行。

Performance features:

The extruder is equipped with a special servo motor and adopts a high-torque and high-strength gearbox. he specially designed screw structure with L/D ratio of 38-40D has good thermal uniformity and low melting temperature, which is stable and efficient. The feed section has a spiral groove, which can greatly increase the output.

- Special mold for small pipes, water film type high-speed calibration sleeve, equipped with digital display flow adjustment device, small pipe molding is fast and the speed is high.
- Servo controlled high-speed belt haul off unit, stable and vibration-free.
- Equipped with high-speed servo non-dust cutting to adapt to high-speed production operations.

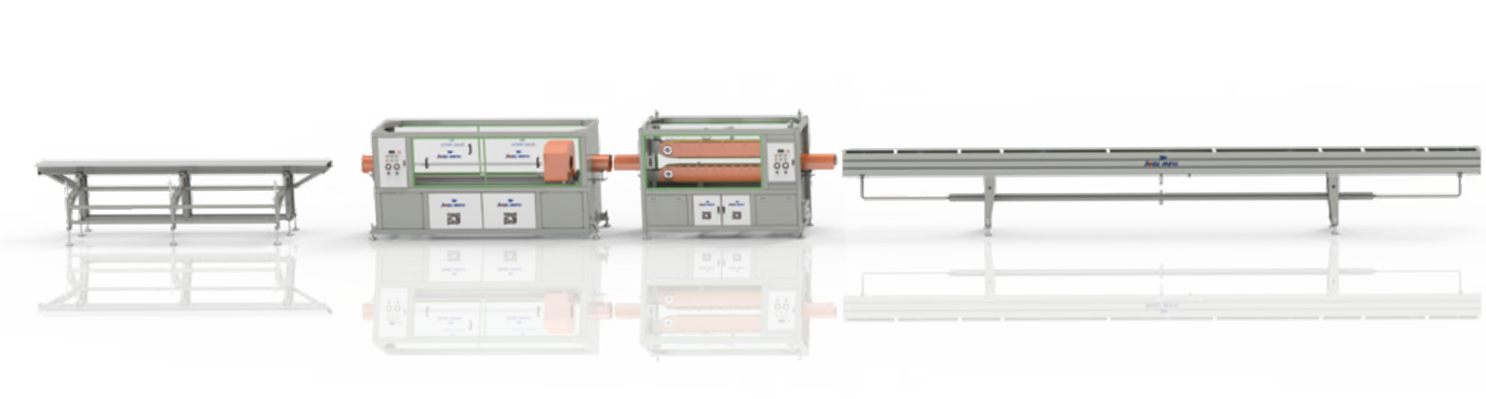
主要技术参数 Main technical parameter

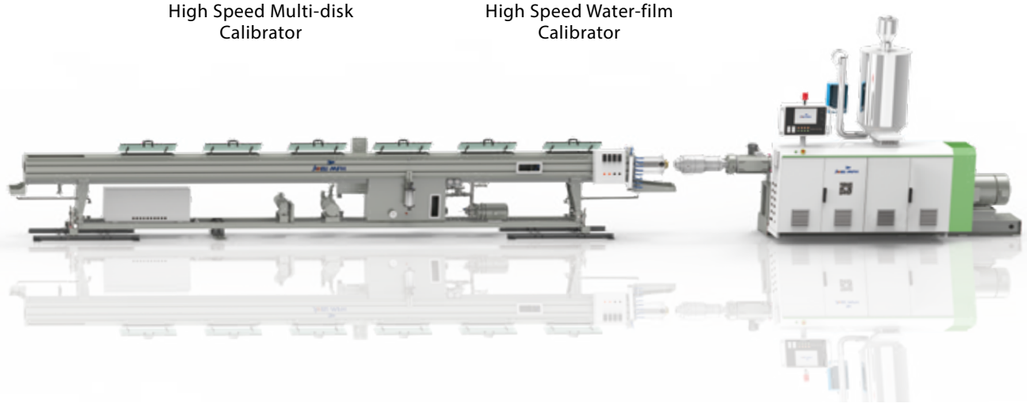
生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)	应用 Application
MFH-F32	MFH-60	8-32	50	200-280	PP-R、PE-RT、PB
MFH-F63	MFH-60	16-63	40	250-350	
MFH-F110	MFH-60	20-110	30	280-400	PP-R、PE-RT
MFH-F160	MFH-60	40-160	15	300-440	
MFH-F250	MFH-75	50-250	8	480-600	PE-RT

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.

高速碟片定径套
High Speed Multi-disk Calibrator

高速水膜定径套
High Speed Water-film Calibrator





Intelligent 智能 | Energy saving 节能 | High speed 高速 | High efficiency 高效

CE TÜV CERT ISO9001:2015

JWELL-MFH 系列 MPP 改性聚丙烯电缆导管高速节能挤出生产线

JWELL-MFH Series MPP Modified Polypropylene High-speed and Energy-saving Cable Conduit Pipe Extrusion Line

性能特点：

挤出机配置专用伺服电机，采用高扭矩，高强度减速机。38-40D 的长径比特殊设计的螺杆结构具有良好的热均匀性和较低的熔融温度，稳定高效。，进料段开有螺旋槽，可大大提高产量。

- 可以监测主机电流、温度、电能、每吨物料能耗（有米重控制的设备）
- 模具采用内吸风装置，加速管材的冷却使管材快速成型。
- 真空箱球阀采用两片式球阀，双回路双过滤器，快速过滤杂质易清洗。
- 牵引机采用单爪独控及伺服驱动，牵引速度更加稳定，原料利用率提升 1%-3%。
- 切割机采用无屑切割，360°万向夹具，适应不同管径，操作方便，定长精准切口美观。

Performance features:

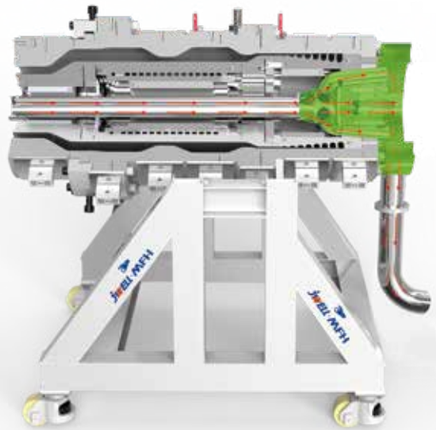
The extruder is equipped with a special servo motor and adopts a high-torque and high-strength gearbox. he specially designed screw structure with L/D ratio of 38-40D has good thermal uniformity and low melting temperature, which is stable and efficient. The feed section has a spiral groove, which can greatly increase the output.

- It can monitor extruder current, temperature, electric energy, and energy consumption per ton of material (equipment with meter weight control system)
- The mold adopts an internal air suction device to accelerate the cooling of the pipe and enable rapid shape forming of the pipe.
- The ball valve of vacuum tank adopts a two-piece ball valve with double circuits and double filters, which can quickly filter impurities and is easy to clean.
- The Haul off unit adopts independent control and servo drive of each caterpillar, which makes the traction speed more stable and the raw material utilization rate increased by 1%-3%.
- The cutting machine adopts non-dust cutting and a 360° universal clamp to adapt to different pipe diameters. It is easy to operate and has precise fixed-length cutting. The incision of pipe are beautiful.

主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)	备注 Remarks
MFH-F250	MFH-75	75-250	8	450-750	--
MFH-F315	MFH-75	110-315	6	450-750	--

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.



模具内吸风装置

一般用于 110-2700mm 的管材挤出模具上，抽风管的端口位于模具出口内部，能够有效的抽出管材内部的气流，流动的气流能够带走管材制品表面的热量，有效加快制品冷却速度，提高生产效率，确保管材品质。

In-mold air suction device

Generally used on pipe extrusion molds of 110-2700mm. The port of the exhaust pipe is located inside the mold outlet which can effectively extract the airflow inside the pipe. The flowing airflow can take away the heat on the surface of the pipe. It effectively speeds up the cooling rate of the product, improve production efficiency and ensure pipe quality.

JWELL·MFH

Intelligent 智能 | Energy saving 节能 | High speed 高速 | High efficiency 高效

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JWELL-MFH 系列 HDPE 聚乙烯多层共挤给排水管高速节能挤出生产线

JWELL-MFH Series HDPE Polyethylene High-speed and Energy-saving Multi-layer Co-extrusion Water Supply and Drainage Pipe Extrusion Line

性能特点：

该生产线可实现多台挤出机统一同步调速，可以选配多台米重控制系统，由 PLC 集中控制，实现每一台主机的精准挤出。
按不同层数和每层厚度比例设计多层螺旋式模具，模腔流道分布合理，确保管材的分层厚度均匀。

Performance features:

This production line can realize unified and synchronous speed adjustment of multiple extruders. It can be equipped with multiple meter weight control systems and is centrally controlled by PLC to achieve precise extrusion of each extruder.
The multi-layer spiral mold is designed according to the number of layers and the thickness ratio of each layer. The mold cavity flow channels are reasonably distributed to ensure uniform thickness of the pipe.

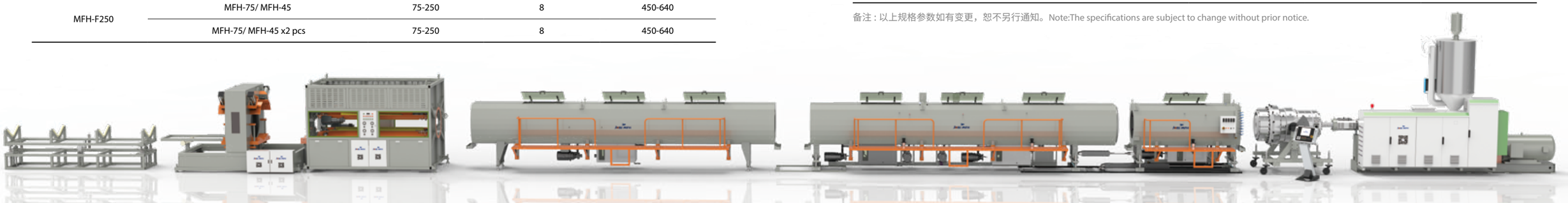
主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)
MFH-F63	MFH-60/ MFH-45	16-63	40	250-360
	MFH-60/ MFH-45 x2 pcs	16-63	40	250-360
MFH-F110	MFH-60/ MFH-45	20-110	30	300-440
	MFH-60/ MFH-45 x2 pcs	20-110	30	300-440
MFH-F160	MFH-60/ MFH-45	50-160	15	360-520
	MFH-60/ MFH-45 x2 pcs	50-160	15	360-520
MFH-F250	MFH-75/ MFH-45	75-250	8	450-640
	MFH-75/ MFH-45 x2 pcs	75-250	8	450-640

主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)
MFH-F315	MFH-75/ MFH-45	110-315	6	520-740
	MFH-75/ MFH-45 x2 pcs	110-315	6	520-740
MFH-F450	MFH-75/ MFH-50	160-450	2.4	620-880
	MFH-75/ MFH-45 x2 pcs	160-450	2.4	620-880
MFH-F500	MFH-75/ MFH-50	160-500	2.4	700-1000
	MFH-75/ MFH-45 x2 pcs	160-500	2.4	700-1000
MFH-F630	MFH-90/ MFH-50	315-600	1.2	840-1200
	MFH-90/ MFH-50 x2 pcs	315-600	1.2	840-1200
MFH-F800	MFH-90/ MFH-60	400-800	1	980-1400
	MFH-90/ MFH-50 x2 pcs	400-800	1	980-1400
MFH-F1000	MFH-90/ MFH-75	500-1000	1	980-1400
	MFH-90/ MFH-60 x2 pcs	500-1000	1	980-1400
MFH-F1200	MFH-120/ MFH-60	630-1200	0.8	1100-1600
	MFH-120/ MFH-60 x2 pcs	630-1200	0.8	1100-1600
MFH-F1600	MFH-120/ MFH-75	1000-1600	0.6	1250-1800
	MFH-120/ MFH-60 x2 pcs	1000-1600	0.6	1250-1800
MFH-F2000	MFH-120/ MFH-90	1200-2000	0.5	1300-2000
	MFH-120/ MFH-75 x2 pcs	1200-2000	0.5	1300-2000
MFH-F2700	MFH-120/MFH-90 x2 pcs	2200-2700	0.1	2400-3000

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.



JWELL·MFH

Intelligent 智能 | Energy saving 节能 | High speed 高速 | High efficiency 高效

CE TÜV CERT ISO9001:2015

JWELL-MFH 系列 PO(PP-R、PE-RT、PB) 聚烯烃一模双出管材高速节能挤出生产线

JWELL-MFH Series PO (PP-R, PE-RT, PB) Polyolefin High-speed and Energy-saving One-mold Double-output Pipe Extrusion Line

性能特点：

挤出机配置专用伺服电机，采用高扭矩，高强度减速机。38-40D 的长径比特殊设计的螺杆结构具有良好的热均匀性和较低的熔融温度，稳定高效。，进料段开有螺旋槽，可大大提高产量。

- 小管专用模具，水膜式高速定径套，配置数显流量调节装置，小管成型快，速度高。
- 伺服驱动高速皮带牵引机，稳定无抖动。
- 配置高速伺服无屑切割，适应高速生产运行。
- 牵引切割采用双工位独立控制，可以实现一条线两种规格的在线生产。

Performance features:

The extruder is equipped with a special servo motor and adopts a high-torque and high-strength gearbox. The specially designed screw structure with L/D ratio of 38-40D has good thermal uniformity and low melting temperature, making it stable and efficient. The feed section is equipped with spiral grooves which can greatly increase the output.

- Special mold for small pipes, water film type high-speed calibration sleeve, equipped with digital display flow adjustment device, small pipe molding is fast and the speed is high.
- Servo controlled high-speed belt haul off unit, stable and vibration-free.
- Equipped with high-speed servo non-dust cutting to adapt to high-speed production operations.
- Traction and cutting adopts dual-station independent control which can realize online production of two size in one line.

主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)	备注 Remarks
MFH-F32	MFH-75	8-32	50	480-600	
MFH-F63	MFH-75	16-63	40	480-740	
MFH-F110	MFH-90	20-110	30	480-880	

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.

全自动收卷机
Fully automatic winding machine

Intelligent 智能 | Energy saving 节能 | High speed 高速 | High efficiency 高效

CE TÜV CERT ISO9001:2015

JWELL-MFH 系列 PO(PE-RT、PB) 聚烯烃三层或五层阻氧管挤出生产线

JWELL-MFH Series PO(PE-RT, PB) Polyolefin Oxygen Resistant Three Layers Or Five Layers Extrusion Line

性能特点：

该生产线主要用于生产三层或五层阻氧耐热聚乙烯冷热水管材 (GB/T28799.2-2012) 更换或增加部分单元亦可生产三层或五层阻氧聚丁烯冷热水管材 (GB/T19473.2-2004)，三层或五层阻氧管材解决了普通管材不能阻止氧气渗透，导致管道系统寿命缩短、安全性下降等问题，管材采用三层 (外层为 EVOH+ 中间层胶水 + 内层 PERT) 或管材采用五层 (外层 PERT+ 胶水 + 中间层 EVOH+ 胶水 + 内层 PERT)，通过利用 EVOH 的阻隔特点来实现管材的阻氧性能。

Performance features:

The production line is mainly used for the production of three or five layers of oxygen resistant polyethylene cold and hot water pipes (GB/T28799.2-2012). The replacement or addition of some units can also produce three or five layers of oxygen resis- tant polybutene cold and hot water pipes (GB/T19473.2-2004).Three or five layers of oxygen resistant pipes solve the problem that ordinary pipes can't prevent oxygen permeation.Lead to problems such as shortening the life of the pipe and lowering safering.The tube adopts three layers (outer layer is evoh interlayer glue innerlayer PERT) or pipe adopts five layers (outer layer PERT+glue+interlayer EVOH+glue+innerlayer PERT), through the use of EVOH barrier characteristics to achieve the oxygen resistance of the pipe.

主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)	备注 Remarks
MFH-F32	MFH-45/ MFH-45 x2 pcs	16-32	20	120-200	

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.

JWELL-MFH 系列纤维无规共聚聚丙烯 (PP-R) 复合管材高速挤出生产线

JWELL-MFH Series Fiber Random Copolymerized Polypropylene (PP-R) Composite Pipe High-speed Extrusion Line

性能特点：

该生产线主要用于生产纤维增强无规共聚聚丙烯复合管材，采用两机或者三机共挤。该管材较普通的 PP-R 管耐压，耐温性能高，使用寿命更长。高强度，拉伸性能更好，防止管道下垂现象。是太阳能，热循环系统，取暖系统，自来水供应的理想选择。

Performance features:

This production line is mainly used to produce fiber-reinforced random copolymer polypropylene composite pipes, using two or three extruders for co-extrusion. This pipe has higher pressure resistance, higher temperature resistance and longer service life than ordinary PP-R pipes. High strength, better tensile properties, preventing pipe sagging. It is ideal for solar energy, thermal circulation systems, heating systems and tap water supply .

主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)	备注 Remarks
MFH-F63	MFH-60/ MFH-45	20-63	30	200-300	
MFH-F63	MFH-45 x3 pcs	20-63	30	200-300	
MFH-F110	MFH-60/ MFH-45	50-110	10	250-350	
MFH-F110	MFH-45 x3 pcs	50-110	10	250-350	
MFH-F160	MFH-60/ MFH-45	40-160	10	300-400	
MFH-F160	MFH-50 x3 pcs	40-160	10	300-400	

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.

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卧式双壁波纹管生产线

Horizontal Double Wall Corrugated Pipe Production Line

性能特点

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。

Performance and feature:

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.

主要技术参数 Main technical parameter

生产线型号 Line 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
JWBW-150	ID40-150	Max 15	270	length and width
JWBW-300	ID100-300	Max 7.5	340	30×6
JWBW-600	ID100-600	Max 5.5	490	34×6
JWBW-800	ID200-800	Max 4.2	615	38×8
JWBW-1000	ID300-1000	Max 2.9	795	38×8.5
JWBW-1200	ID400-1200	Max 2	890	38×9
JWBW-1500	ID600-1500	Max 1.2	1110	42×9.5

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.

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JWELL-MFH 系列聚聚氯乙烯 (PVC) 管材挤出生产线

JWELL-MFH Series Polyvinyl Chloride (PVC) Pipe Extrusion Line

性能特点：

针对管材制品的不同需求，可以提供高产锥双主机或者平双主机。挤出机配置专用伺服电机，采用高扭矩，高强度减速机。
模具采用优质合金钢制造，内部流道经过镀铬高抛光处理，耐磨耐腐蚀。
行星切割采用 360°万向夹具，适应不同管径，操作方便。配置新式可调浮动倒角装置，保证倒角均匀。

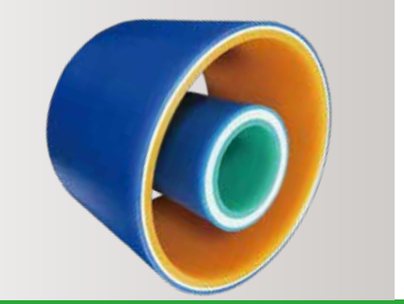
Performance features:

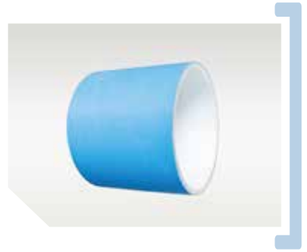
According to the different needs of pipe products, high-output conical twin screw extruder or parallel twin extruders can be provided.
The extruder is equipped with a special servo motor and adopts a high-torque and high-strength gearbox.
The mold is made of high-quality alloy steel, and the internal flow channel is chrome-plated and highly polished, making it wear-resistant and corrosion-resistant.
Planetary cutting uses a 360° universal clamp which is adaptable to different pipe diameters and is easy to operate. Equipped with a new adjustable floating chamfering device to ensure uniform chamfering.

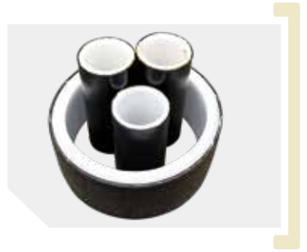
主要技术参数 Main technical parameter

生产线型号 Line Type	主机型号 Extruder Type	生产范围 Pipe Range(mm)	最大牵引速度 Max. Speed (m/min)	最大生产能力 Max.Capacity(kg/h)	备注 Remarks
MFH-F32(四管 Four strand)	MFH-ZS65/132	16-32	20*4	400-500	
MFH-F63(两管 Two strand)	MFH-ZS65/132	20-63	20*2	400-500	
MFH-F110(两管 Two strand)	MFH-ZS80/156	50-110	15*2	700-800	
MFH-F160	MFH-ZS65	63-160	10	400-500	
MFH-F250	MFH-ZS80	50-250	8	700-800	
MFH-F400	MFH-ZS80	110-400	6	700-800	
MFH-F630	MFH-ZS92	315-630	1.2	900-1000	
MFH-F800	MFH-ZS92	400-800	1	800-1000	
MFH-F1000	MFH-ZS110	500-1000	0.5	1100-1200	
MFH-F1200	MFH-ZS110	630-1200	0.5	1100-1200	

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.







Intelligent 智能 | Energy saving 节能 | High speed 高速 | High efficiency 高效

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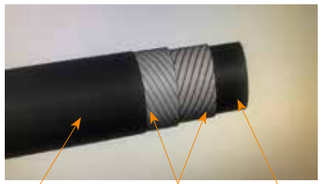
高压 TCP 编织复合管道生产线 / 钢丝缠绕管生产线

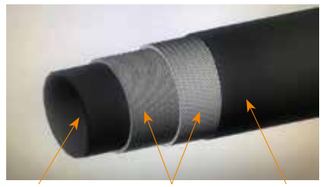
High-pressure TCP Composite Pipe Production Line/Steel Wire Winding Production Line

性能和优点：

热塑性塑料增强管 RTP 大部分是三层结构。内层：高压注水 -HDPE100、PEX 或其他改性聚合物；高压输气 -EVOH 高阻隔材料或其他改型高阻隔聚合物）；输油管 -PEX、PVDF、POK 等；注醇管 - 尼龙或其他改性聚合物。中间层：缠绕增强层 - 合成纤维、玻璃纤维、碳纤维、金属铁片或钢丝。外层：保护用 HDPE100；其工作压力可高达 14Mpa, 爆破压力达到 40MPa。

- 自主设计的缠绕机，具有恒转矩、计米以及纠偏等功能；
- 采用双级优质减速箱及角度编码器控制角度，使可调节料盘角度；
- 料盘张力控制和计米功能
- 热风枪出风口温度根据风枪内的传感器实时调节；
- 同进同出托架组解决不同外径大小管材的同心度，从而提高管材的圆度。





Performance and feature:

Most of the thermoplastic reinforced pipe RTP are of three-layer construction. Inner layer: high pressure water supply -HDPE100, PEX or other modified polymer; High-pressure gas supply -EVOH high barrier material or other modified high barrier polymer; Oil supply pipe -PEX, PVDF, POK, etc.; Alcohol supply- Nylon or other modified polymer. Intermediate layer: Wound reinforcement - synthetic fiber, glass fiber, carbon fiber, metal sheet or steel wire. Outer layer: HDPE100 for protection; The working pressure can be as high as 14Mpa, and the bursting pressure can reach 40MPa.

- Self-designed winding machine, with constant torque, meter counting and deviation correction functions;
- It adopts double-stage quality reducer and angle encoder to control angle, so the plate angle can be adjustable;
- Plate tension control and meter function;
- The air outlet temperature of the hot air gun is adjusted in real time according to the sensor in the air gun;
- The inlet and outlet bracket group moves synchronously to solve the concentricity of pipes of different outside diameters, so as to improve the roundness of pipes.

主要技术参数 Main technical parameter

生产线型号 Line Type	管材规格 Model(mm)	配套挤出机 Extruder	最大挤出量 Output(kg/h)	总装机功率 Power(kW)
MFH-F160	Ø63~Ø160	MFH-65	120-300	160
MFH-F250	Ø75~Ø250	MFH-75	300-500	210
MFH-F315	Ø110~Ø315	MFH-75	400-600	210
MFH-F500	Ø200~Ø500	MFH-90	600-800	290

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.

PE100 级聚乙烯管材公称压力和规格尺寸

PE100 给水用聚乙烯（PE）管材国家标准（GB/T 13663.2-2018)

" 公称外径 dn"	公称壁厚 en/mm							
	标准尺寸比							
	SDR9	SDR11	SDR13.6	SDR17	SDR21	SDR26	SDR33	SDR41
	管系列							
	S4	S5	S6.3	S8	S10	S12.5	S16	S20
	"PE80 级公称压力 MPa"							
	1.6	1.25	1.0	0.8	0.6	0.5	0.4	0.32
	"PE100 级公称压力 MPa"							
	2.0	1.6	1.25	1.0	0.8	0.6	0.5	0.4
16	2.3	—	—	—	—	—	—	—
20	2.3	2.3	—	—	—	—	—	—
25	3.0	2.3	2.3	—	—	—	—	—
32	3.6	3.0	2.4	2.3	—	—	—	—
40	4.5	3.7	3.0	2.4	2.3	—	—	—
50	5.6	4.6	3.7	3.0	2.4	2.3	—	—
63	7.1	5.8	4.7	3.8	3.0	2.5	—	—
75	8.4	6.8	5.6	4.5	3.6	2.9	—	—
90	10.1	8.2	6.7	5.4	4.3	3.5	—	—
" 公称外径 dn"	公称壁厚 en/mm							
	标准尺寸比							
	SDR9	SDR11	SDR13.6	SDR17	SDR21	SDR26	SDR33	SDR41
	管系列							
	S4	S5	S6.3	S8	S10	S12.5	S16	S20
	"PE80 级公称压力 MPa"							
	1.6	1.25	1.0	0.8	0.6	0.5	0.4	0.32
	"PE100 级公称压力 MPa"							
	2.0	1.6	1.25	1.0	0.8	0.6	0.5	0.4
110	12.3	10.0	8.1	6.6	5.3	4.2	—	—
125	14.0	11.4	9.2	7.4	6.0	4.8	—	—
140	15.7	12.7	10.3	8.3	6.7	5.4	—	—
160	17.9	14.6	11.8	9.5	7.7	6.2	—	—
180	20.1	16.4	13.3	10.7	8.6	6.9	—	—
200	22.4	18.2	14.7	11.9	9.6	7.7	—	—
225	25.2	20.5	16.6	13.4	10.8	8.6	—	—
250	27.9	22.7	18.4	14.8	11.9	9.6	—	—
280	31.3	25.4	20.6	16.6	13.4	10.7	—	—
315	35.2	28.6	23.2	18.7	15.0	12.1	9.7	7.7
355	39.7	32.2	26.1	21.1	16.9	13.6	10.9	8.7
400	44.7	36.3	29.4	23.7	19.1	15.3	12.3	9.8
450	50.3	40.9	33.1	26.7	21.5	17.2	13.8	11.0
500	55.8	45.4	36.8	29.7	23.9	19.1	15.3	12.3
560	62.5	50.8	41.2	33.2	26.7	21.4	17.2	13.7
630	70.3	57.2	46.3	37.4	30.0	24.1	19.3	15.4
710	79.3	64.5	52.2	42.1	33.9	27.2	21.8	17.4
800	89.3	72.6	58.8	47.4	38.1	30.6	24.5	19.6
900	—	81.7	66.2	53.3	42.9	34.4	27.6	22.0
1000	—	90.2	72.5	59.3	47.7	38.2	30.6	24.5
1200	—	—	88.2	67.9	57.2	45.9	36.7	29.4
1400	—	—	102.9	82.4	66.7	53.5	42.9	34.3
1600	—	—	117.6	94.1	76.2	61.2	49.0	39.2
1800	—	—	—	105.9	85.7	69.1	54.5	43.8
2000	—	—	—	117.6	95.2	76.9	60.6	48.8
2250	—	—	—	—	107.2	86.0	70.0	55.0
2500	—	—	—	—	119.1	95.6	77.7	61.2

注：公称压力按照 C=1.25 计算。

DIMENSIONS OF PIPES

Dimension specification for HDPE pipe refer to ISO 4427-2:2007

Material	SDR6		SDR7.4		SDR9		SDR11		SDR13.6		SDR17		SDR21		SDR26		SDR33		SDR41	
PE80	PN25		PN20		PN16		PN12.5		PN10		PN8		PN6		PN5		PN4		PN3.2	
PE100	-		PN25		PN20		PN16		PN12.5		PN10		PN8		PN6		PN5		PN4	
dn	e	ID	e	ID	e	ID	e	ID	e	ID	e	ID	e	ID	e	ID	e	ID	e	ID
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
16	3.0	10.0	2.3	11.4	2.0	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	3.4	13.2	3.0	14.0	2.3	15.4	2.0	16.0	-	-	-	-	-	-	-	-	-	-	-	-
25	4.2	16.6	3.5	18.0	3.0	19.0	2.3	20.4	2.0	21.0	-	-	-	-	-	-	-	-	-	-
32	5.4	21.2	4.4	23.2	3.6	24.8	3.0	26.0	2.4	27.2	2.0	28.0	-	-	-	-	-	-	-	-
40	6.7	26.6	5.5	29.0	4.5	31.0	3.7	32.6	3.0	34.0	2.4	35.2	2.0	36.0	-	-	-	-	-	-
50	8.3	33.4	6.9	36.2	5.6	38.8	4.6	40.8	3.7	42.6	3.0	44.0	2.4	45.2	2.0	46.0	-	-	-	-
63	10.5	42.0	8.6	45.8	7.1	48.8	5.8	51.4	4.7	53.6	3.8	55.4	3.0	57.0	2.5	58.0	-	-	-	-
75	12.5	50.0	10.3	54.4	8.4	58.2	6.8	61.4	5.6	63.8	4.5	66.0	3.6	67.8	2.9	69.2	-	-	-	-
90	15.0	60.0	12.3	65.4	10.1	69.8	8.2	73.6	6.7	76.6	5.4	79.2	4.3	81.4	3.5	83.0	-	-	-	-
110	18.3	73.4	15.1	79.8	12.3	85.4	10.0	90.0	8.1	93.8	6.6	96.8	5.3	99.4	4.2	101.6	-	-	-	-
125	20.8	83.4	17.1	90.8	14.0	97.0	11.4	102.2	9.2	106.6	7.4	110.2	6.0	113.0	4.8	101.6	-	-	-	-
140	23.3	93.4	19.2	101.6	15.7	108.6	12.7	114.6	10.3	119.4	8.3	123.4	6.7	126.6	5.4	129.2	-	-	-	-
160	26.6	106.8	21.9	116.2	17.9	124.2	14.6	130.8	11.8	135.4	9.5	141.0	7.7	144.6	6.2	147.6	-	-	-	-
180	29.9	120.2	24.6	130.8	20.1	139.8	16.4	147.2	13.3	153.4	10,7	158.6	8.6	162.8	6.9	166.2	-	-	-	-
200	33.2	133.6	27.4	145.2	22.4	155.2	18.2	163.6	14.7	170.6	11.9	176.2	9.6	180.8	7.7	184.6	-	-	-	-
225	37.4	150.2	30.8	163.4	25.2	174.6	20.5	184.0	16.6	191.8	13.4	198.2	10.8	203.4	8.6	207.8	-	-	-	-
250	41.5	167.0	34.2	181.6	27.9	194.2	22.7	204.6	18.4	213.2	14.8	220.4	11.9	226.2	9.6	230.8	-	-	-	-
280	46.5	187.0	38.3	203.4	31.3	217.4	25.4	229.2	20.6	238.8	16.6	246.8	13.4	253.2	10.7	258.6	-	-	-	-
315	52.3	210.4	43.1	228.8	35.2	244.6	28.6	257.8	23.2	268.6	18.7	277.6	15.0	285.0	12.1	290.8	9.7	295.6	7.7	299.6
355	59.0	237.0	48.5	258.0	39.7	275.6	32.2	290.6	26.1	302.8	21.1	312.8	16.9	321.3	13.6	327.8	10.9	333.2	8.7	337.6
400	-	-	54.7	290.6	44.7	310.6	36.3	327.4	29.4	341.2	23.7	352.6	19.1	361.8	15.3	369.4	12.3	375.4	9.8	380.4
450	-	-	61.5	327.0	50.3	349.4	40.9	368.2	33.1	383.8	26.7	396.6	21.5	407.0	17.2	415.6	13.8	422.4	11.0	428.0
500	-	-	-	-	55.8	388.4	45.4	409.2	36.8	426.4	29.7	440.6	23.9	452.2	19.1	461.8	15.3	469.4	12.3	475.4
560	-	-	-	-	62.5	435.0	50.8	458.4	41.2	477.6	33.2	493.6	26.7	506.6	21.4	517.2	17.2	525.4	13.7	532.6
630	-	-	-	-	70.3	489.4	57.2	515.6	46.3	537.4	37.4	555.2	30.0	570.0	24.1	581.8	19.3	591.4	15.4	599.2
710	-	-	-	-	79.3	551.4	64.5	581.0	52.2	605.6	42.1	625.8	33.9	642.2	27.2	655.6	21.8	666.4	17.4	675.2
800	-	-	-	-	89.3	621.4	72.6	654.8	58.8	682.4	47.4	705.2	38.1	723.8	30.6	738.8	24.5	751.0	19.6	760.8
900	-	-	-	-	-	-	81.7	736.6	66.2	767.6	53.3	793.4	42.9	814.2	34.4	831.2	27.6	844.8	22.0	856.0
1000	-	-	-	-	-	-	-	-	72.5	855.0	59.3	881.4	47.7	904.6	38.2	923.6	30.6	938.8	24.5	951.0
1200	-	-	-	-	-	-	-	-	88.2	1023.6	67.9	1064.2	57.2	1085.6	45.9	1108.2	36.7	1126.6	29.4	1141.2
1400	-	-	-	-	-	-	-	-	102.9	1194.2	82.4	1235.2	66.7	1266.6	53.5	1293.0	42.9	1314.2	34.3	1331.4
1600	-	-	-	-	-	-	-	-	117.6	1364.8	94.1	1411.8	76.2	1447.6	61.2	1477.2	49.0	1502.0	39.2	1521.6
1800	-	-	-	-	-	-	-	-	-	-	105.9	1588.2	85.7	1628.6	69.1	1661.8	54.5	1691.0	43.8	1712.4
2000	-	-	-	-	-	-	-	-	-	-	117.6	1764.8	95.2	1764.8	76.9	1846.2	60.6	1878.8	48.8	1902.4

dn: Pipe Outside Diameter, mm
e: Wall thickness, mm

企业风采：品质管理 技术研发 客户服务 国际交流 员工培训

Quality Control Technology Research Customer Service International Communication Staff Training

Note:

24小时服务
24 Hours Service

Customer Service Hotline

培　训
Training

交钥匙工程
Turn-Key Project