

通达 **TONGDA**  
塑料挤出机械制造专家



**TONGDA  
MACHINERY  
SINCE 1982**



**SGS**

淘汰落后产能 创造更高价值  
Eliminate Outdated Technology  
Create Greater Value

# 企业发展历程 ENTERPRISE DEVELOPMENT HISTORY

## 辉煌37载 梦想新起点



### 1982 白手起家

1982年，随着改革开放浪潮席卷大江南北，刘总创建通达塑机厂，从零开始，白手起家。  
Tongda was founded by Mr. Liu in 1982, with the vision to be the leader in plastic extrusion field.

### 1990 初步发展

1990年，由于生产量增加，工厂搬迁至106国道旁，开始生产塑料管材生产线。  
Tongda moved the factory near by #106 national road in 1990, and start to produce plastic pipe extrusion lines.

### 2000 继续发展

### 2000 继续发展

2000年，建成6000平米现代化生产车间，并开始引进数控加工中心。  
Advanced manufacturing workshops with over 6000sqm were built in 2000, many imported CNC machining centers purchased.

### 2010 走向国际

2010年，第一次在中国国际橡塑展中脱颖而出，并取得广泛关注。  
Tongda attended ChinaPlas for the first time. More and more domestic and oversea clients gained.

### 2010 走向国际

### 2018 创新升级

2018年，公司研发的GSSZ-65/80系列高速锥双挤出生产线，彻底颠覆了传统，开启了高速挤出新时代。  
GSSZ-65/80 series high speed twin screw extrusion line was produced by Tongda, new era of high-speed extrusion started.

### 2018 创新升级

2019 行业领导者

# 辉煌37载 梦想新起点

## 企业简介

通达塑料机械有限公司始建于1982年，是中国轻工业机械协会、中国塑料加工工业协会会员单位，是中国颇具规模的塑料挤出机械制造厂家。

通达塑机37年奋斗历程，就是37年技术革新的历程。从三位创始人创业开始，创新和攻关，伴随着通达发展的每一天，37年的创新求索，使通达形成了雄厚的技术力量，和专业的技术团队。我们掌握了挤出机、挤出模具、真空定径、牵引机、自动切割和自动配料的六大核心技术，并申请了几十项国家专利。现今的通达，在激烈的市场竞争中，牢牢占据着领跑者的角色。

Established in 1982, TongDa Plastic Machinery Co., Ltd. is one of the biggest manufacturer in China. And it's also the main member of China Light Industry Machinery Association and China Plastics Processing Industry Association.

After thirty years of hard struggle of TongDa Plastic Machinery is a 37 year process of technological innovation. Since our company was started by the three founders, innovations and breakthroughs have accompanied everyday development of TongDa. 37 years of innovation and quest have enabled TongDa to own the solid technological power and professional technical team. We have acquired six core technologies, namely the extruder, the extrusion mold, the vacuum calibration, the tractor, the automatic cutting and the automatic batching and have applied for scores of national patents. Today TongDa is occupying the leading position firmly in the fierce market competition.





# 加工设备·世界顶级

## PROCESSING EQUIPMENT WORLD TOP

引进世界顶级设备，制造业内一流水平，保证产品精密可靠。

Bring in world-class equipments, manufacture the first-grade level with high precision and reliability.

古语云：工欲善其事，必先利其器，通达人早就深刻的认识到这一点。从创业伊始，我们就在不断的完善硬件设施，我们知道：只有顶级的加工设备，才能生产出顶级的产品。因此在提高制造水平，提高加工精度方面，我们从不吝惜。

The old saying goes: "workman must first sharpen his tools if he is to do his work well" TongDa people have a deep recognition of this point . Since startup, we have been keeping optimizing our hardware facilities because we know that only with top processing facilities, can we produce top products. Therefore, we never spare efforts in improving production level and processing precision.



- 最高的加工精度
- 最高的生产效率
- 最高的质量保证
- High processing precision
- High production efficiency
- Best quality guarantee





# 自主研发·优质精良 INDEPENDENT RESEARCH AND DEVELOPMENT EXCELLENT QUALITY

培养自主研发能力，拓展行业发展潜力，引领业界技术潮流。

Focus on R&D, Improve the industry's development potential, Lead the industry technology trend.

卓越品质  
铸就高端产品  
EXCELLENT  
QUALITY, HIGH-  
CLASS PRODUCTS



欲善其事 先利其器  
AT THE FIRST  
WE MUST SHARPEN  
OUR SPEAR



品质通达一直的追求  
QUALITY  
IS ALWAYS  
TONGDA'S PURSUIT



用创新为客户创造价值  
CREATE VALUE FOR  
THE CUSTOMERS BY  
INNOVATION



十大核心技术 几十项国家专利

WE HAVE MORE THAN TEN CORE TECHNOLOGIES AND SCORES OF NATIONAL PATENTS.



# 一出四管材捆扎套袋包装机

## AUTOMATIC PLASTIC PIPE PACKAGING MACHINE



扫码观看视频

- 设计紧凑, 结构合理, 占地面积小
- 自动化程度高, PLC 电脑控制, 触摸屏操作
- 伺服电机驱动, 运行速度快而稳
- 机械计数, 数量永不误差, 称重校验, 保质保量
- 包装袋、缠绕膜缺料报警, 更换方便
- 管材长度、捆扎次数可调, 适应不同需求
- 配备自动放合格证系统
- 适应塑料膜、编织袋, 折叠后缠胶带封口
- 打包后自动提升并翻料至运输小车

Driven by the servo motor, fast and stable;

Equipped with automatic label placing device and weighing unit;

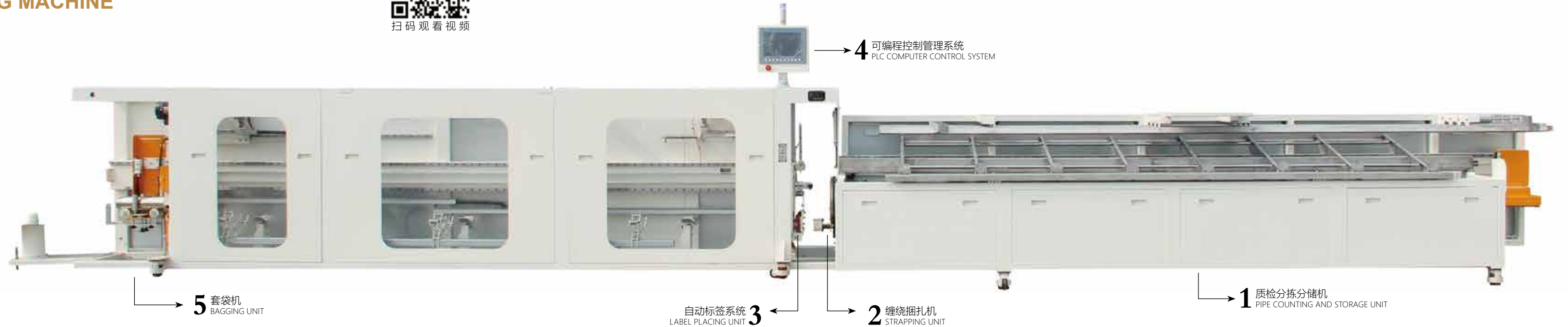
Simple, rapid and humane adjustment of specifications;

Convenient replacement of wrapping film and packaging bags;

Reliable absence of film wrapping and alarm function;

Wrap bundling and bagging gradually completed, simple mechanism;

The front stacker with the function of pipe inspection and storage.



名称 Item	技术参数 Parameter
产品规格 Product specification (mm )	Φ16-Φ32
包装长度 Working length (mm)	2000-4000
捆扎方式 Bunding mode	PE 膜自动缠绕 PE film auto wrapping
挤出方式 Extrusion mode	1 出 2、1 出 4
设备尺寸 Dimension(mm)	11000*1600*1350 (L*W*H)

# 高速一出四电工套管生产线 (高配)

## PVC FOUR-PIPE EXTRUSION LINE (HIGH-END)

此设备产量: ≥ 12 吨 / 日  
DAILY OUTPUT: ≥ 12 tons



### 通达一出四管材生产线优势:

- 1、生产能力: 保证产品质量的前提下, 通达一出四管材生产线产量能达到 12 吨以上。
- 2、水气耗量: 优化的真空冷却水路及切割放料气路使水气耗量减少 75% 以上。
- 3、噪音污染: 传统设备锯片切割声音刺耳, 通达一出四采用无屑切割机, 基本无噪音。
- 4、粉尘污染: 传统设备因切割部分为锯片切割, 锯末污染严重, 而且浪费材料, 通达一出四管材生产线采用无屑切割, 基本无粉末污染。

### The advantages of our Four-pipe extrusion line:

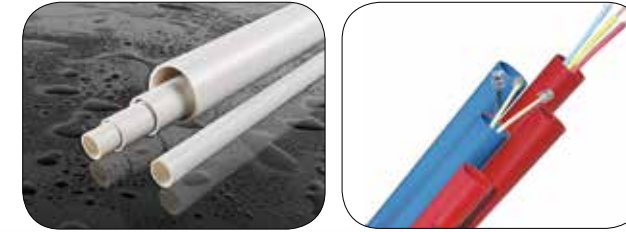
1. Production capacity: The daily capacity of Tongda' four-pipe extrusion line is above 12 tons.
2. Water and air consumption: Tongda' optimized cooling water channel and air circuit make the water and air consumption is 25% of the one of the traditional one.
3. The noise pollution: The saw blade of the traditional cutting equipment makes piercing noise while Tongda' chipless cutting make no noise.
4. Dust pollution: The traditional saw cutting causes severe dust pollution and the material tend to be wasted. And the one of Tongda' chipless cutting causes no dust.

### 主要技术参数 Main Technical Parameter

型号 Model	生产管径 Pipe Dia. (mm)	主机挤出量 Output (Kg/h)	最大线速度 MAX.Line Spdde (m/min)	驱动电机功率 Motor Power (kw)	生产线长度 Line Length (m)
GSSZ-65(A)	16-32	500-600	22	55	16+11

# PVC 一出四电工套管生产线 (标配)

PVC FOUR-PIPE EXTRUSION LINE  
(STANDARD)



## 通达一出四管材生产线优势:

- 1、生产能力: 保证产品质量的前提下, 通达一出四管材生产线产量能达到 6 吨以上。
- 2、水气耗量: 优化的真空冷却水路及切割放料气路使水气耗量减少 75% 以上。
- 3、噪音污染: 传统设备锯片切割声音刺耳, 通达一出四采用无屑切割机, 基本无噪音。
- 4、粉尘污染: 传统设备因切割部分为锯片切割, 锯末污染严重, 而且浪费材料, 通达一出四管材生产线采用无屑切割, 基本无粉末污染。

## The advantages of our Four-pipe extrusion line:

1. Production capacity: The daily capacity of Tongda' four-pipe extrusion line is above 6 tons.
2. Water and air consumption: Tongda' optimized cooling water channel and air circuit make the water and air consumption is 25% of the one of the traditional one.
3. The noise pollution: The saw blade of the traditional cutting equipment makes piercing noise while Tongda' chipless cutting make no noise.
4. Dust pollution: The traditional saw cutting causes severe dust pollution and the material tend to be wasted. And the one of Tongda' chipless cutting causes no dust.

## 主要技术参数 Main Technical Parameter

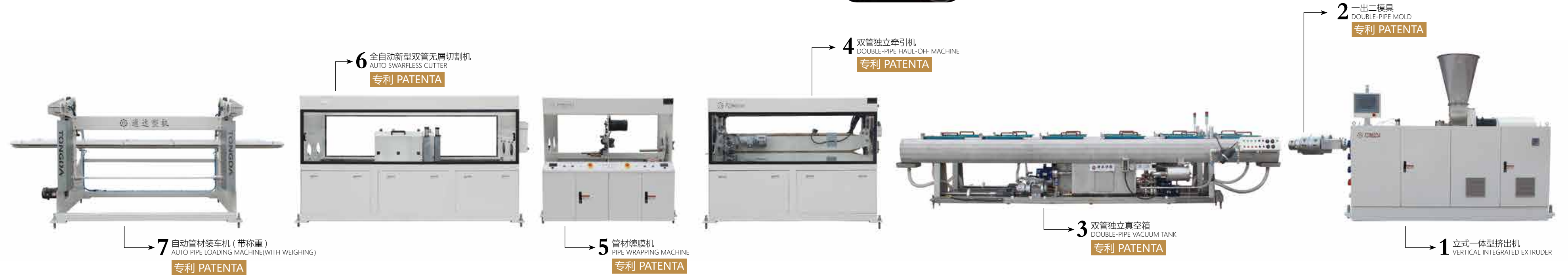
型号 Model	生产管径 Pipe Dia. (mm)	主机挤出量 Output (Kg/h)	最大线速度 MAX.Line Spdde (m/min)	驱动电机功率 Motor Power (kw)	生产线长度 Line Length (m)
SZ-65	16-32	200-300	15	30	17



# 高速 PVC 一出二管材生产线

## HIGH SPEED PVC DOUBLE-PIPE EXTRUSION LINE

通达 **TONGDA**  
塑料挤出机械制造专家



在注重经济效益的时代，效率是关键。因此，通达塑机研发了一出二 PVC 管材高速生产线，基于这一设计理念，即保持产品原有品质的同时，还提高了单机的产能，将挤出机的性能发挥到极致，将占地面积降到最低。

此生产线配备了全球领先的旋转无屑切割机，可使管材切割表面平整无毛刺，而且切割过程无噪音及粉尘污染；

通过我们的系统解决方案所发挥出的效益，有效降低了您的生产成本，将您的投资迅速收回。

In the era of paying more attention to economic benefits, efficiency becomes the key. Based on this concept, Tongda designed high speed double-pipe production line. This unique creation not only keeps the original product quality but also enhances the production capacity, and reduces the floor area to the minimum.

This production line is equipped with the global leading rotary dustless cutting machine, which make the surface of the cut pipe flat and smooth, also without noise and dust pollution in the production process.

The advantage of our system solution can reduce the cost of production, and bring your cost back quickly.

### 主要技术参数 Main Technical Parameter

型号 Model	生产管径 Pipe Dia. (mm)	主机挤出量 Output (Kg/h)	最大线速度 MAX.Line Spdde (m/min)	驱动电机功率 Motor Power (kw)	生产线长度 Line Length (m)
GSSZ-65(A)	50-75	500-600	10	55	24



# 高速 PVC 给排水生产线

## HIGH SPEED PVC PIPE EXTRUSION LINE

通达 **TONGDA**  
塑料挤出机械制造专家



PVC 塑料管材生产线主要用于生产建筑给排水、农用给排水、线缆敷设等方面的各种管径、壁厚的塑料 PVC 管材, 该机组由锥型双螺杆挤出机、真空定径箱、牵引机、切割机、缠膜机、放料架等组成。挤出机及牵引机采用进口交流变频调速装置, 真空泵及牵引电机采用优质产品, 牵引有二爪、三爪、四爪、六爪等牵引方式。可选用抬刀或无屑切割形式, 该机组性能可靠、生产效率高。本公司可根据客户的要求, 配置提供各类模具。

PVC pipe production line is mainly used to produce PVC pipes with all kinds of Diameter & thickness that are used for water supply and drainage as well as cable laying. This machine is made up of conical twin screw extruder, vacuum tank, HAUL-OFF machine, stacker etc.. The extruder and HAUL-OFF machine are controlled by imported AC variable frequency device. The vacuum pump and the motor of the HAUL-OFF machine are both of high quality. The ways of HAUL-OFF can be divided into 2-caterpillar, 3-caterpillar, 4-caterpillar, 6-caterpillar etc.. The way of cutting can be cutter lifting or planet cutting. The production line features reliable function and high efficiency. We can provide all kinds of dies according to customers' requirements.

主要技术参数 Main Technical Parameter

型号 Model	生产管径 Pipe Dia. (mm)	主机挤出量 Output (Kg/h)	最大线速度 MAX.Line Spdde (m/min)	驱动电机功率 Motor Power (kw)	生产线长度 Line Length (m)
SZ-65	50-200	200-350	8	30	25
GSSZ-65(A)	75-110	400-700	10	55	28
GSSZ-65(B)	110-400	600-900	8	75	28

# PVC 一出二线槽生产线

PVC DOUBLE-STRAND CABLE TRUNKING EXTRUSION LINE



该本机配置主机、模具及辅机，形成相关生产线，可用于生产多种规格的 PVC 线槽，在建材生产行业有较广泛的应用。特殊设计的螺杆、料筒，确保设备的高速挤出及优良的塑化效果。配置三维电动真空平台，机械式的高度调节和侧向调节方便操作，并且确保了产品的定型精确。牵引装置采用变频控制，耐磨的牵引皮带确保牵引的高速及稳定。切割机采用热切方式，切口平整，制品美观。

This line is used for making the PVC cable trunking, we equipped with the special designed screw to realize the better plasticizing and high output. The vacuum forming table can be adjusted in three direction, easy to regulate, so as to ensure the exact forming. By adopting the hot cutting, the cutting surface will be smooth.

## 主要技术参数 Main Technical Parameter

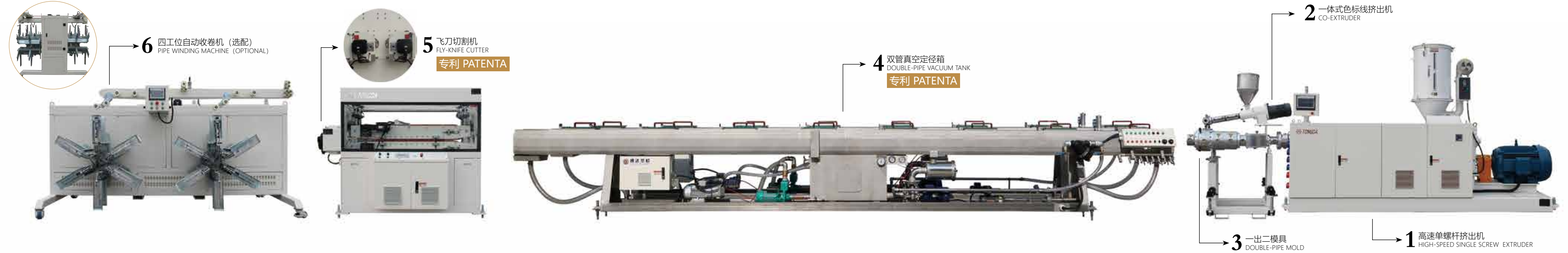
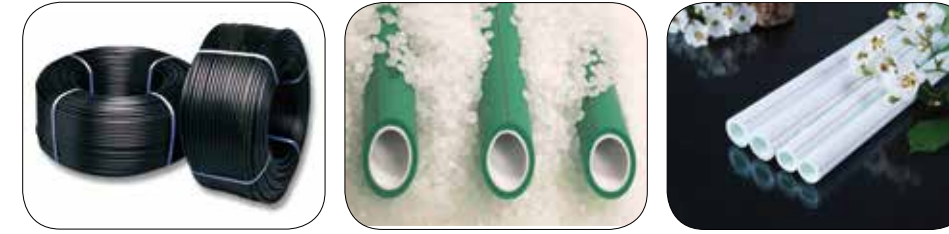
型号 Model	生产管径 Pipe Dia. (mm)	主机挤出量 Output (Kg/h)	最大线速度 MAX.Line Spdde (m/min)	驱动电机功率 Motor Power (kw)	生产线长度 Line Length (m)
SZ-65	10*10-50*50	200-250	12*2	30	16



# 高速 PE/PPR 一出二管材生产线

## HIGH SPEED PE/PPR DOUBLE-PIPE EXTRUSION LINE

通达 **TONGDA**  
塑料挤出机械制造专家



基于现代市场激烈竞争的环境下，我公司根据客户反馈信息以及多年实践经验围绕节能高效的理想开发出了 PE、PPR 管材一出二生产线，该生产线采用自主研发高塑化机筒螺杆，生产量相比传统一出二生产线提高了 80%，配合与之同步联动的下游设备使得生产线平稳运行。该机操作简便，故障率低，大大提高了生产效率，节省了劳动成本。

Based on the fierce competition of the market and our tradition of energy saving for customers, our company developed PE/PPR double pipe extrusion line according to the feedback from our clients and practical experience for many years. This extrusion line adopts the self-developed high plasticizing barrier separated screw, which make the extrusion capacity increased by 80% compared to traditional extrusion line. Cooperating with the downstream equipment of the extrusion line which ensure the stable running. This machine with low failure rate, greatly improved production efficiency and the advantage of labor saving is easy to operate.

主要技术参数 Main Technical Parameter

型号 Model	生产管径 Pipe Dia. (mm)	主机挤出量 Output (Kg/h)	最大线速度 MAX.Line Spdde (m/min)	驱动电机功率 Motor Power (kw)	生产线长度 Line Length (m)
SJ-75/34	16-40	(PPR)300 (PE)350	20*2	90	40
SJ-75/34	16-40	(PPR)400 (PE)500	30*2	132	40

# 高速 PE/PP/PPR 管材生产线

## HIGH SPEED PE/PP/PPR PIPE EXTRUSION LINE

通达 **TONGDA**  
塑料挤出机械制造专家



该生产线设计独特,采用BM分离式高效屏障式螺杆,特殊构造的螺旋模具,喷淋式真空定径,多爪履带牵引,无屑切割机;此生产线自动化程度高,操作方便,连续生产,稳定可靠。所生产的塑料管材,具有耐热、耐老化、耐环境应力、耐开裂性、抗蠕性能好等优点。

Tongda offers a wide range of high capacity PO extruder depending on application and output. The robust design and controls with proprietary software give operators the opportunity to reach for higher productivity at each stage of the pipe extrusion process.

Spiral Die Heads are high-performing tools with a spiral distributor, which guarantee an optimal pipe quality. The spiral distributor is designed to achieve optimum melt distribution for a wide MFI range.

Vacuum-spray tanks made of SS304 stainless steel material are distinguished by a robust construction as well as a design resulting from direct feedback from previous customers. The generously dimensioned pumps guarantee a fast drive up and well operation of the line.

The wide range of Tongda haul offs offers maximum flexibility. Available with 2, 3, 4, 6 or 8 tracks. The tracks are dependent on the pipe dimension and wall thickness.

The unique design of the Tongda cutters incorporates chisels which rotate around the pipe. Because of this no dust will be produced.

### 主要技术参数 Main Technical Parameter

型号 Model	SJ-25/25	SJ-45/33	SJ-60/33	SJ-75/33	SJ-75/34	SJ-90/34
螺杆直径 Screw diameter(mm)	25, L/D=25	45, L/D=33	60, L/D=33	75, L/D=33	75, L/D=34	90, L/D=34
电机功率 Motor Power(kw)	1.5	22	55	90	160	200
主机挤出量 Output(Kg/h)	4-6	(PP)60 (PE)80	(PP)160 (PE)200	(PP)300 (PE)360	(PP)480 (PE)620	(PP)600 (PE)800



# 高速 PE-RT 管材生产线

## HIGH SPEED PE-RT PIPE EXTRUSION LINE

通达 **TONGDA**  
塑料挤出机械制造专家



1. 高速挤出机采用开槽式机筒（水冷强制送料段）、带特殊混炼结构的屏障式专用螺杆，确保管材高速挤出的稳定及塑化质量；
2. 特殊构造的螺旋储压式机头，克服了管坯成型过程中的聚合分子链的应力取向，并实现了管材的恒压挤出，同时挤出压力的稳定是实现高速生产的有力保障；
3. 真空定径套采用特殊设计，在稳定高速生产中无需频繁清理；
4. 平皮带式牵引机，专为管材高速生产而设计、结构合理且能运行平稳；
5. 自主研发双工位自动收卷机，在高速生产过程中能保证管材排列均匀整齐且运行平稳。

1. The high-speed extruder adopts slotted barrel(water-cooling force-feeding section), barrier screw with special mixing structure to ensure the stability of the high-speed extrusion of the pipes and the plasticization quality.
2. The production overcame the stress orientation of the molecular chain of the polymer by adopting spiral pressure-storing headpiece with special structure. With constant pressure, the pipe can be extruded very smooth, it is the premise of high-speed production.
3. Special design was used in vacuum sleeve, which does not need to be cleaned in high-speed and stable production.
4. Flat-belt HAUL-OFF machine with reasonable structure is designed for high-speed pipe extruding, which ensure stable production.
5. Self-designed double position pipe winding machine make the pipe can be collected in order.

### 主要技术参数 Main Technical Parameter

型号 Model	生产管径 Pipe Dia. (mm)	主机挤出量 Output (Kg/h)	最大线速度 MAX.Line Spdde (m/min)	驱动电机功率 Motor Power (kw)	生产线长度 Line Length (m)
SJ-75	16-32	320	45	90	40

# 高速双螺杆造粒机

## HIGH SPEED CONICAL TWIN-SCREW PELLETIZER

此设备产量: ≥ 20 吨 / 日  
DAILY OUTPUT: ≥ 20 tons



2 PVC 造粒模具  
PVC PELLETIZING MOLD



4 直线振动筛  
VIBRATING SCREEN

3 冷却滚筛  
ROLLING SCREEN

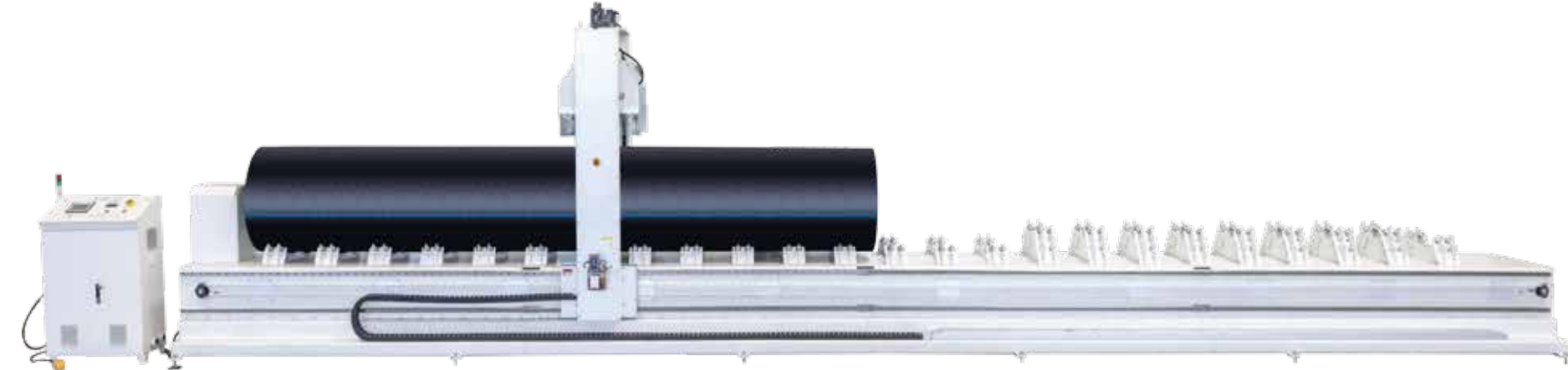
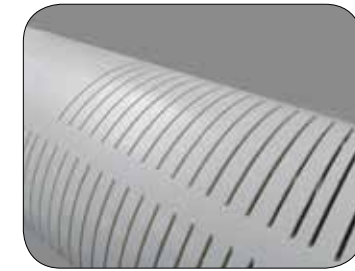
1 高速双螺杆挤出机  
HIGH-SPEED TWIN SCREW EXTRUDER

SJZ 系列双螺杆造粒机主要由挤出机、机头、切粒装置、滚筛及水平振动冷却装置、电气控制装置等组成。主要用于 PVC 塑料树脂粉的热切造粒；该机具有产量高，造粒均匀，便于操作等特点，整机采用自动化控制。该机组所使用机筒螺杆为我公司发明专利产品，优化的机筒螺杆长度，及合理的螺纹结构，使得该机组生产的颗粒非常适合于生产 PVC 给排水管材及管件注塑使用。

SJZ series twin-screw pelletizer is combined with the extruder, headpiece, pelletizing device, cooling device and electrical control system etc.. It is mainly used for PVC plastic resin powder pelletizing. The auto controlled machine features high output, average granulation, easy operation and so on. The optimized screw and barrel with reasonable screw thread that used in the machine are our patented products, which is suit to produce PVC pipe for water supply & drainage and pipe fitting.

# 管材自动开槽 / 打孔机

## PLASTIC PIPE SLOTTING/PERFORATING MACHINE



本机主要用于 PVC/PE 等塑料管材环形开槽或打孔，开槽或打孔后的管材适用于运动场、高尔夫球场、公园、草坪等场所的排水、渗水、井下水处理、排污水处理、农田灌溉等等。本机采用进口 PLC 控制系统，配有先进的吸尘装置，操作简单方便，安全可靠。

This machine is used for slotting PVC/PE pipes. The slotted or perforated pipes can be applied as draining and seeping pipes, well screen pipes, sewage treating pipes, irrigating pipes etc. It is very reliable and easy to operate by equipping with imported PLC control system and advanced dust collecting device.



## 自动切割机 CHIPLESS CUTTER

无屑切割机适用于各类高速挤出的 PO/PVC 管材的切割。设备操作简单，安全性高，管材切割平面光滑平整。

The cutter is suitable for all kinds of PO/PVC pipe with diameter 16-200mm. The cutting surface of the cutted pipe is very smooth, and without any scraps.



新型旋转无屑切割机



飞刀切割机

## 自动配料系统 PVC ADDITIVES AUTOMATIC BATCHING SYSTEM

高精度 PVC 辅料自动混料系统以先进的技术进行自动化配料，从而节省了人力资源，也大大地提高了生产效率和配方精度。其具有结构紧凑、占地面积小、容量大、故障率低、配料速度快、保密性强、自动化程度高，配料精确等几大优点。

The high-precision PVC automatic batch feeding system changed the conventional manual batch feeding, it can realize automatic batch feeding with advanced technology, thus saving manpower and improving the production efficiency and batching accuracy. It is characterized by compact structure, small occupancy area, large capacity, low failure rate, fast batch feeding, high confidentiality, high automation, high batching precision and so on.



配料机

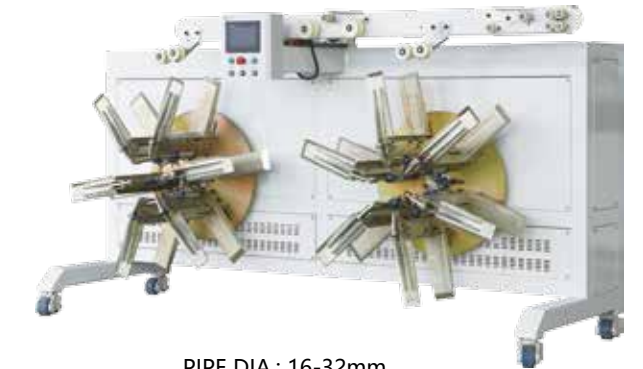
## 管材自动收卷机 PIPE WINDING MACHINE

自主研发的 PE/PPR/PE-RT 自动收卷机，以先进的机械构造与高精度 PLC 自动控制系统完美的融为一体，此收卷机高速生产过程中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，自动化程度极高。

Self-designed PE/PPR/PE-RT pipe automatic winder is equipped with highly advanced mechanical structure and high precision PLC control system, which ensure the pipe neatly arranged and work stable. One man will handle it easily, due to high automation.



PIPE DIA.: 75-110mm



PIPE DIA.: 16-32mm

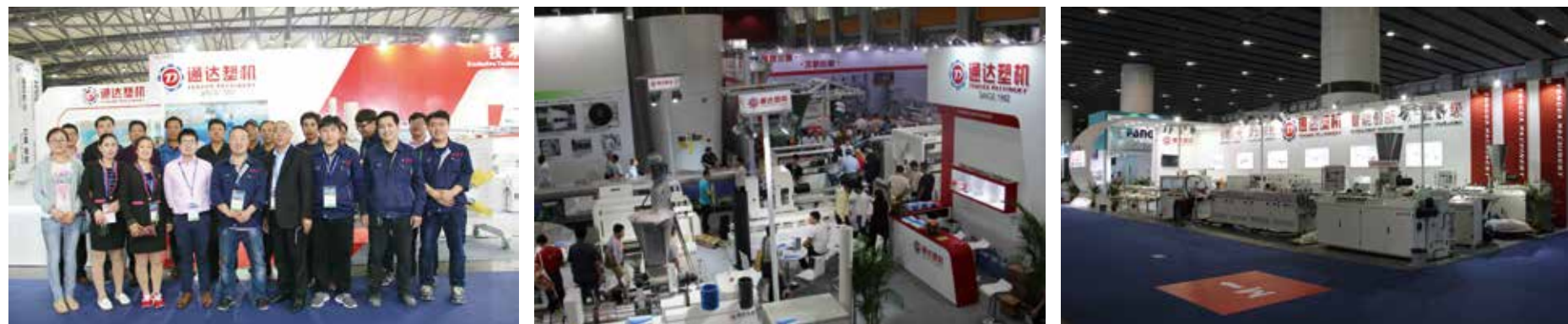


PIPE DIA.: 40-63mm



## 保证服务品质 满足客户需求

ENSURE THE QUALITY OF THE SERVICE AND FULLY SATISFY OUR CUSTOMERS



探索行业至高科技 开创领域精彩未来  
Explore the brilliant future from industry to high-tech pioneering field



## 我们的客户

SOME OF OUR CUSTOMERS



## 部分供应商

SOME OF OUR SUPPLIERS



通达 TONGDA  
塑料挤出机械制造专家



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为中国智造加油  
通达为您提供一流的产品…

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