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CHINA GWELL MACHINERY CO., LTD.
苏州金韦尔机械有限公司

Profile and Pipe Extrusion
型材、管材挤出生产线



Introduction

公司简介

China Gwell Machinery Co., Ltd is one of the leading suppliers of extrusion equipment and systems for the production of

■Sheet ■Profile ■Pipe.

Gwell Company is located in beautiful Suzou city, very close to Shanghai. The workshop is near 8,000 square meters. Its capacity of each year is more than 100 extrusion lines.

Gwell Company dedicated to high level products and international market, along with group hi-tech technology and key parts capacity. "profession delivers customer value" is our long term management idea.

In recent years, Gwell Company's extrusion lines have been run smoothly in many places of china, and exported to more than 20 countries, they are warmly welcomed.



苏州金韦尔机械有限公司是一个专业制造

- 板片
- 型材
- 管材

生产线的高科技企业。公司制造基地紧邻上海，位于风景秀丽的苏州太仓城厢工业园区。现有建筑面积8000多平方米，具备年产各类挤出生产线100余条的生产能力。

金韦尔公司依托集团强大的科技装备实力及关键件产能，致力于高端产品的开发、国际市场的开拓。“专业塑造顾客价值”是公司长期的经营理念。

近年来，公司产品广泛的应用于全国各地，并出口到二十多个国家和地区，深受客户好评。

Single Screw Extruder 单螺杆挤出机

This model of equipment mainly used to extrude profile, the structure and form of screws and barrels vary a lot, and the screws and barrels are processed precisely which can guarantee a good plasticization, high capacity and can meet different customer's needs, the electrical controlling parts are equipped in high class which made it safe to operate.

该机型主要用于异型材产品的挤出，螺杆机筒的结构形式多样，加工精度高，塑化好，产量高，适合不同用户需求，电气控制元件配置高档，可靠性好。

用于异型材制品挤出 For profile extrusion

挤出机型号	螺杆直径	长径比	传动功率	螺杆转速	最大产量	加工树脂	中心高
Model	mm	L/D	KW	rpm	kg/h		mm
GWS45	45	25/28	11/15/18.5	10-100	25/30/38	PVC/ABS/PC等	1000
GWS65	65	25/28	18.5/22/30	10-100	50/60/80	PVC/PC/ABS等	1000
GWS75	75	25/28	37	10-100	80	PVC/PC/ABS等	1000
GWS80	80	28/30	37	10-90	100	PP/ABS/PC等	1000
GWS90	90	28/30	45	10-90	120	PP/ABS/PS等	1000
GWS120	120	28/30	75	10-90	250	PC/ABS等	1000

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.



Suitable for PVC\PC\ABS Profile
适合加工PVC\PC\ABS等各种异型材产品

Main Technical Specifications of HDPE High Efficiency Single Screw Extruder HDPE高效单螺杆挤出机主要技术参数

用于管材挤出 For pipe extrusion

挤出机型号	螺杆直径(mm)	长径比	传动功率(KW)	中心高(mm)	螺杆最高转速(rpm)	产量(HDPE)
Model	Diameter of screw	L/D Ratio	Driving Power	Center Height	Screw Speed	Output(kg/h)
GWS45/30	45	30:1	22/30	1000	120/150	60/80
GWS65/33	65	33:1	45/75/90	1000	120/150/200	150/210/250
GWS75/33	75	33:1	90/110	1000	120/180	350/450
GWS90/33	90	33:1	185/220	1100	120/150	550/700
GWS105/33	105	33:1	220/285	1100	120/130	650/800
GWS120/33	120	33:1	315	1100/1300	120	950
GWS150/33	150	33:1	450	1100/1350	100	1350

用于管材挤出 For pipe extrusion

挤出机型号	螺杆直径(mm)	长径比	传动功率(KW)	中心高(mm)	螺杆最高转速(rpm)	产量(HDPE)
Model	Diameter of screw	L/D Ratio	Driving Power	Center Height	Screw Speed	Output(kg/h)
GWS45/37	45	37:1	55	1000	200	150-200
GWS65/37	65	37:1	90	1000	200	250-300
GWS75/37	75	37:1	132	1000	150	400-450
GWS90/36	90	36:1	220	1100	150	750-800

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.



GWP Series Parallel Twin-Screw Extruder GWP系列异向平行双螺杆挤出机

用于管材挤出 For pipe extrusion					
型号	GWP75/28	GWP93/31	GWP110/31	GWP120/31	GWP135/31
电机功率 (KW)	45	75	110	132	160
螺杆直径 (mm)	75	93	110	120	135
最大转速 (rpm)	45	45	45	45	45
长径比 (L/D)	28:1	31:1	31:1	31:1	31:1
最大产量 (Kg/h)	320	420	680	850	1100
重量 (Kg)	4100	4700	6500	7500	8400

用于型材挤出 For profile extrusion					
型号	GWP75/28	GWP93/28	GWP110/28	GWP120/26	GWP130/26
电机功率 (KW)	37	55	75	110	132
螺杆直径 (mm)	75	93	110	120	130
最大转速 (rpm)	36	36	35.8	34.3	34.3
长径比 (L/D)	28:1	28:1	28:1	26:1	26:1
最大产量 (Kg/h)	240	350	460	550	680
重量 (Kg)	4100	4700	6500	7500	8400

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.



GWC Series Conical Twin-Screw Extruder GWC系列锥形双螺杆塑料挤出机

用于管材挤出 For pipe extrusion								
型号Model	GWC-45	GWC-50	GWC-55	GWC-65	GWC-80	GWC-80A	GWC-92	SJZ-95
螺杆直径(mm)	45/100	50/105	55/110	65/132	80/156	80/173	92/188	95/192
螺杆最高转速(rpm)	45	45	45	45	34.7	37.6	34.7	34.7
主电机(kw)	15/18.5	18.5/22	22/30	37	55	75	110	132
生产能力(kgs/h)	110	125	180	380	500	680	800	1000
中心高(mm)	1050	1050	1050	1050	1050	1050	1100	1100
净重(kg)	3000	3000	3500	4000	5500	6000	8000	9000
外形尺寸 (m)	3.3×1.2×2.1	3.6×1.1×2.1	3.6×1.1×2.1	4.2×1.5×2.4	4.7×1.5×2.4	3.9×1.6×2.5	6×1.6×2.5	6.5×1.6×2.5

用于型材挤出 For profile extrusion							
型号Model	GWC-45	GWC-50	GWC-55	GWC-65	GWC-68	GWC-80	GWC-92
螺杆直径(mm)	45/100	50/105	55/110	65/132	68/147	80/156	92/188
螺杆最高转速(rpm)	34.7	34.7	34.7	34.7	39.1	25	25
主电机(kw)	15	18.5	22	30/37	45	55	90
生产能力(kgs/h)	80	100	150	250	320	360	600
中心高(mm)	1050	1050	1050	1050	1050	1050	1100
净重(kg)	3000	3000	3500	4000	4500	5500	8000
外形尺寸 (L×W×H) (m)	3.3×1.2×2.1	3.6×1.1×2.1	3.6×1.1×2.1	4.2×1.5×2.4	3.8×1.5×2.4	4.7×1.5×2.4	6×1.6×2.5

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.



GWCC Series Co-rotating Conical Twin-screw Extruder GWCC系列同向锥双挤出机

In order to meet the demand of the market,GWELL successfully develops serials of co-rotating conical twin-screw extruder.Mainly used for processing PVC hard material and Various cables palletizing,The equipment main have high capacity ,energy saving feature which is approbated by customers.

根据市场及客户需求，我司成功开发出同向锥形双螺杆挤出机，主要用于生产PVC硬料和电缆料造粒，该设备主要有产量高、能耗低两大显著优点,深受用户欢迎。

主要技术参数：Main Technical Specification

挤出机型号	螺杆转速	最大挤出量	主电机功率	总装机功率
Extruder Type	Screw speed Max (rpm)	Max.Output (kg/h)	Power of main motor (KW)	Total Power (KW)
GWCC 67/134	5 ~ 58	500 ~ 700	45	110

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.



GWCP Series Co-rotating Parallel Twin-screw Extruder JWCP系列同向平行双螺杆挤出机

The screw and barrel of this extruder are composed of multi-sections. The raw materials can gain the best compounding effect after under-taking high speed, high torque compounding in the barrels. The feeding system can input the glass fiber, additives and soon materials. This pelletizing extruder is most suitable for the production of engineering plastic, plastic with fiber, high density master batch, colored plastic and etc.

螺杆套筒积木式原理，采用同向旋转及多段式组合，原料在料筒中经高速、高扭矩获得最佳混炼分散效果，配置供料系统，可添加玻纤、添加剂等，最适用于生产工程塑料的改性，加纤及高浓度的色母，塑胶染色，水口料的回收造粒等。

主要技术参数：Main Technical Specification

型号	螺杆直径	长径比	螺杆转速	主电机功率	生产能力
Model	Screw dia.(mm)	L/D	Screw speed Max.(rpm)	Power of main motor(Kw)	Output(Kg/h)
GWCP-36	36	32-48	600	15-18.5	40-100
GWCP-52	52	32-48	500	37-45	100-220
GWCP-65	63	32-48	400/500	55-75	200-320
GWCP-75	72	32-48	400/500	90-110	250-500
GWCP-95	92	32-48	300	132-250	500-900

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.



Different Kinds of Pipe Marking Line Co-extruder Or Profile Coating Co-extruder 各类管材标识线或型材表面包覆共挤机

挤管材标识线用 For Pipe mark line

型号	螺杆直径	长径比	螺杆转速	驱动功率	机筒加热功率	最大挤出量	中心高
Model	mm	L/D	rpm	v	KW	kg/h	mm
GWS25/25A	25	25	1-15	0.75	3	3	1000±50
GWS25/25B	25	25	1-50	1.5	3	8	1000±50
GWS30/28	30	28	1-60	3	3.6	10	1200±100

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.

型材共挤机系列 For profile co-extrusion

型号	螺杆直径	长径比	螺杆转速	驱动功率	机筒加热功率	最大挤出量	中心高
Model	mm	L/D	rpm	KW	KW	kg/h	mm
GWS30/25	30	25	1-60	3-4	3	8-10	800-1200可调
GWS35/25	35	25	1-50	4-5.5	6.9	10-12	800-1200可调
GWS45/25	45	25	1-58	5.5-7.5	9	20-25	1100±100

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.



Single Layer Or Multi-Layer PP, PE Pipe Extrusion Die And PVC Pipe Extrusion Die 单层或多层PP、PE管挤出模具和PVC管挤出模具

Application: Gwell company design and manufacture different kinds of mould widely used for supply water, drain water, gas supply, mining exploring, and Non-excavated areas.

Performance and advantages:

PVC extrusion mould design and optimization of double-stent flow of the design to make pipes with strong shock resistance. PE extrusion mould with spiral distribution technology, combined with concentric, cone distributor, suitable for any cross section of single-or multi-extrusion, smooth spiral flow design have belows advantages:

应用: 金韦尔公司设计制作的各种规格的模具广泛用于供水、排水、燃气、矿用及非开挖等领域。

性能和优点:

PVC挤出模具采用双支架设计及优化的流道设计使管材具有较强的抗冲击能力。PE挤出模具采用螺旋熔体分配技术，结合同心，锥面分配器，适用于任何圆形截面的单层或多层挤出，顺畅的螺旋流道设计具有如下的优点:

Providing high quality fluence, no any corner during fluent

提供更优良的流动性，让物料流动无死角

Lower consumption

极低的压力损耗

Lower melting temperature

较低的熔体温度

Clean runner quickly when changing color

更换颜色时的流道快速清洁

Single layer extrusion mould

HDPE suitable for gas supply, water supply pressure pipe, max diameter is 1600mm

PPR suitable for 160mm hot water pipe

PERT, PEX suitable for supply heating temperature underground

PA suitable for car oil pipe and gas pipe

Multi layers co-extrusion mould

EVOH oxygen resistance layer with a three-layer co-extrusion of the hot water pipe

With anti-friction or scratch the M-PP-dig tube layer co-extruded

Silicone inner layer with a silicon core pipe extrusion

PE100 material with two or three layer co-extrusion water and gas pipes, with diameters up to 1600mm.

单层挤出模具

HDPE用于燃气、供水的压力管，直径可达1600mm

PPR用于管径达160mm的热水管

PERT、PEX用于地板采暖

PA用于汽车油管和气管

多层共挤出模具

带EVOH阻氧层的三层共挤的热水管

带防摩擦或划伤的M-PP二层共挤非开挖管

带硅胶内层的三层共挤硅芯管

带不同PE100原料层的二层或三层共挤供水及燃气管，直径可达1600mm



Plastic And Wood Profile And Plate Extrusion Line PVC塑钢型材和PVC\PE\PP木塑生产线

At present WPC extrusion line has two ways: one step way and two are way: one step way mainly used to produce PVC wood plastic product, two steps way mainly used to extrude PP/PE wood plastic product. The screws and barrel is treated by bimetal treatment, wearable and anti-erode, featured in good plasticization, high capacity, energy saving and wood podwer and the other wooden fibre can occupied high quantity as 50-70%. This equipment is an ideal choice for customers who want to produce wood tray, indoor and outdoor floor, fences, warehouse plate and outdoor decorative material and so on.

After the line add or replacing the different spare part , can be produced plastic steel window profile、pinch plate、window sill、siding plate、corrugated sheets and WPC of floor、fences 、 door panel、door pocket、lines, etc.

目前木塑挤出生产线有一步法和两步法两种：一步法常用于生产PVC木塑制品，两步法用于生产PP/PE木塑制品。该螺杆机筒采用双金属处理，耐磨耐腐蚀，混炼塑化好，产量高，节能降耗，可适应填充量高达50—70%的木粉或其它植物纤维。该设备是制作木塑托盘、室内外地板、护栏、栈道板、室外景观材料等系列WPC产品的理想选择。

该生产线增加或更换不同的部件后，可以用来生产塑钢型材、扣板、窗台板、挂壁板、波浪板以及木塑类地板、护栏、门板、门套、线条等建材产品。



主要技术参数: Main Technical Specification

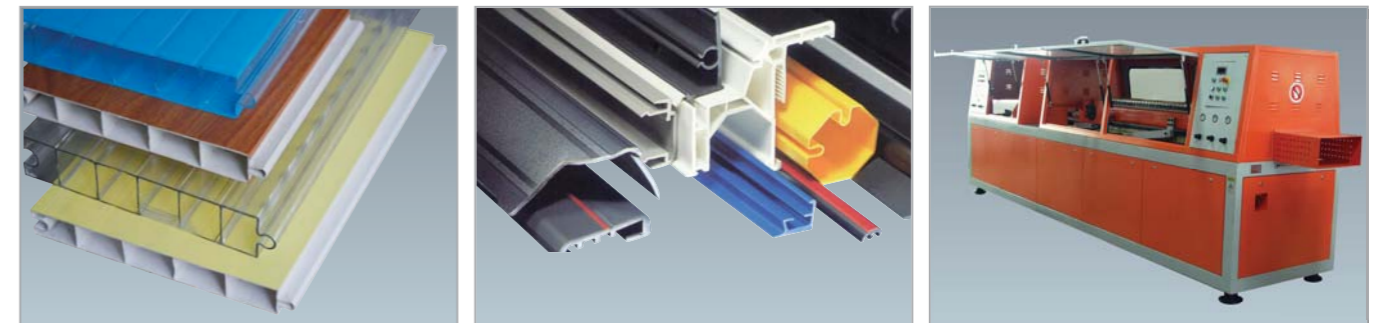
型号(Mode)	YF180	YF240	YF300	YF400	YF500
有效宽度(mm))	180	240	300	400	500
功率(kw)	26.1	31.6	31.6	37.1	37.1
用水量(m3/h)	5	5	5	7	8
用气量(Mpa)	0.6	0.6	0.6	0.6	0.6

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.

PVC、PP、PE、PC、ABS customed Profile Extrusion Line PVC\PP\PE\PC\ABS定制型材挤出生产线

By adopting the foreign and domestic advanced technology, we successfully developed the customed profile extrusion line. this line consists of single screw or twin screw extruder, vacuum calibration table, haul-off is Unit, cutter and stacker, the producing line features of good plasticization, high output capacity, low power consumption and etc. The main extruder speed controlled by imported AC inverter, and temperature control by Japanese RKC or FUJI temperature meter, vacuum pump and traction gear reducer of the down stream equipment are all good quality products, and also easy maintenance.

本公司吸取了国内外先进技术，成功开发出适合用户需求的定制型材生产线。该机组有单螺杆挤出机或双螺杆挤出机、真空定型台、牵引机、切割机、翻料架等几部分组成，生产线具有塑化好，产量高，能耗低等显著特点。主机采用进口交流变频器调速，温控仪表采用日本RKC或富士产品。辅机真空泵和牵引电机均采用优质产品，维护简便。



主要技术参数: Main Technical Specification

型号(Model)	YF50	YF108	YF180	YF240	YF300
最大制品宽度Max. width of product (mm)	50	108	180	240	300
主机型号Extruder model	GWS 45	GWS 50	GWS 65	GWS 90	GWS 120
驱动功率Power (kw)	15/11	22/18.5	30/22	55/45	90/75
冷却水用量Cooling water (m³/h)	5	5	7	7	8
压缩空气用量Compressed air (m³/min)	0.5	0.6	0.6	0.6	0.6

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.

PVC+Wood Door (Foamed) , Decking Panel Extrusion Line PVC木塑(发泡)门板、装饰板等宽幅板材生产线

This line is specialized in PVC,PE,PP wood-plastic foamed panel, decking panel . It has high capacity, stable extrusion , high foamed such advantages. It can produce various decking products with widely usage. High rigidity, smooth and paleography, the proportion is within 0.6-0.9kg/m³.

该生产线专用于PVC、PE、PP木塑发泡门板、装饰板挤出生产。生产线具有产量大，挤出稳定，发泡倍率高等优点。可生产各种装饰类制品，用途广泛。制品表面硬度高，光滑平整，比重可控制在0.6-0.9kg/m³之间。



主要技术参数: Main Technical Specification

生产线种类 Type	PVC门板线 PVC door Panel Extrusion line			
辅机型号 Model	YF600	YF800	YF1000	YF1250
最大制品宽度Max Width of product (mm)	600	800	1000	1250
主机型号 Extruder model	GWZ80/156	GWZ80/156	GWZ92/188	GWZ92/188
主机驱动功率 Extruder power (KW)	55	55	132	132
最大挤出量 Max of extrusion capacity (Kg/h)	280	280	600	600
冷却水用量Cooling water (m3/h)	10	12	15	18
压缩空气用量 Compressed air (m3/min)	0.6	0.8	1	1.2

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.

American profile downstream 美式型材辅机



主要技术参数: Main Technical Specification

型号	Type	CAL5000/03	CAL8000/04	CAL11000/05
定型台长度	Length of the calibration table in mm	5000mm	8000mm	11000mm
真空泵数量	Amount of vacuum pumps	2	3	3
抽负压循环真空泵数量	Amount of cyclone vacuum pump	1	1	2
水泵数量	Amount of water pump	1	1	1

主要技术参数: Main Technical Specification

型号	Type	PUL240/CUT240
牵引机切割长度mm	Length of puller/cutter in mm	5000
履带有效长度mm	caterpillar length mm	2000
牵引块宽度mm	Puller pads width mm	235
切割锯片直径mm	Cutting saw diameter mm	300

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.



Large Diameter UPVC Solid Wall Pipe Extrusion Line

大口径UPVC实壁管材生产线

Application field:

This line is widely used in producing water supply and waterspout field.

Performance excellence:

Our company using the development HDPE/PPR pipes extrusion line technology develops this kind of extrusion line. This line feature compact structure,highly automation and easy.It' s suitable for the 800mm diameter pipes extruder. The screw using for the twin-screw and parallel screw type ,high output,best plastic and stabilization.haul-off unit have two claws、three claws、four claws and six claws,cutter has ring and star cutter.

应用领域:

该生产线被广泛应用于生产各类给水、排水管材领域。

性能优点:

该生产线为金韦尔公司自行研制，消化吸收了欧洲先进技术，结构独特，配置先进，自动化程度高，操作简便，适用于加工最大管径为800mm的管材挤出。挤出机螺杆采用锥双和平双高效型，产量高，塑化好，稳定可靠。牵引机根据加工管径有二爪、三爪、四爪、六爪等；切割机有环形切割、行星切割。



主要技术参数: Main Technical Specification

生产线型号	生产管材规格	挤出机	最大挤出量	总装机功率
Type	Pipe Spec (mm)	Extruder	Max.Output (kg/h)	Total Power (KW)
GWP-PVC63	Ø20 ~ Ø50	GWC65/132	180 ~ 220	104
GWP-PVC160	Ø63 ~ Ø160	GWC65/132	180 ~ 220	105
GWP-PVC250	Ø75 ~ Ø250	GWC65/132	180 ~ 220	110
GWP-PVC315	Ø200 ~ Ø315	GWC80/156	260 ~ 330	216
GWP-PVC450	Ø200 ~ Ø450	GWC80/173	450 ~ 500	237
GWP-PVC630	Ø315 ~ Ø630	GWC92/188	650 ~ 750	350
GWP-PVC800	Ø400 ~ Ø800	GWP130/26	1000 ~ 1300	420

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.

HDPE Water Supply And Gas Supply Pipe Extrusion Line

HDPE供水、燃气管挤出生产线

Application field:

This line is widely used in producing HDPE water, gas supply pipe, double-anti pipe for mine industries.

Performance excellence:

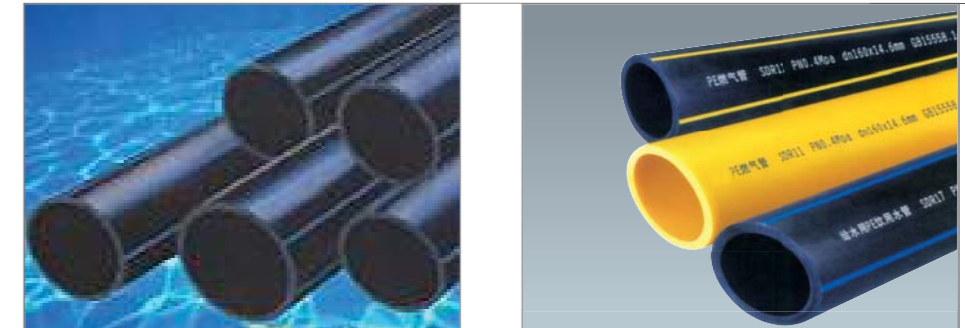
Our company using the development HDPE/PPR pipes extrusion line technology develops this kind of extrusion line. This line feature compact structure, highly automation and easy. It's suitable for the HDPE/PPR pipes extruder. The screw using for the BM type, high output, best plastic and stabilization.

应用领域:

该生产线被广泛应用于供水、供燃气、煤矿以及非开挖的管材领域。

性能优点:

该生产线为金韦尔公司自行研制，消化吸收了欧洲先进技术，结构独特，配置先进，自动化程度高，操作简便，适用于加工HDPE/PPR等聚烯烃类管材的高速挤出。挤出机螺杆采用BM高效型，产量高，塑化好，稳定可靠。



主要技术参数: Main Technical Specification

生产线型号	生产管材规格	挤出机	最大挤出量	总装机功率
Type	Pipe Spec (mm)	Extruder	Max. Output (kg/h)	Total Power (KW)
GWP-PE63	020 ~ 063	GWS65/33+GWS25/25	100 ~ 120	104
GWP-PE160	063 ~ 0160	GWS65/33+GWS25/25	120 ~ 300	130
GWP-PE250	075 ~ 0250	GWS75/33+GWS25/25	280 ~ 400	260
GWP-PE450	0160 ~ 0450	GWS90/33+GWS25/25	500 ~ 700	400
GWP-PE630	0315 ~ 0630	GWS120/33+GWS25/25	700 ~ 900	500
GWP-PE800	0450 ~ 0800	GWS150/33+GWS25/25	1000 ~ 1100	707
GWP-PE1000	0500 ~ 01000	GWS150 /33	900 ~ 1200	600
GWP-PE1200	0630 ~ 01200	GWS90/33 ~ GWS120/33或150 /33	900 ~ 1400	900
GWP-PE1600	01000 ~ 01600	GWS120/33 ~ GWS120/33或150 /33	1000 ~ 1700	1000

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.

PPR \ PE-RT \ PEX Small Diameter Pipe Extrusion Line

PPR \ PE-RT \ PEX小口径管材生产线

Application field:

This line is widely used in house mart hospital palaestra and country water supply and pipe for the radiate warm field.

Performance excellence:

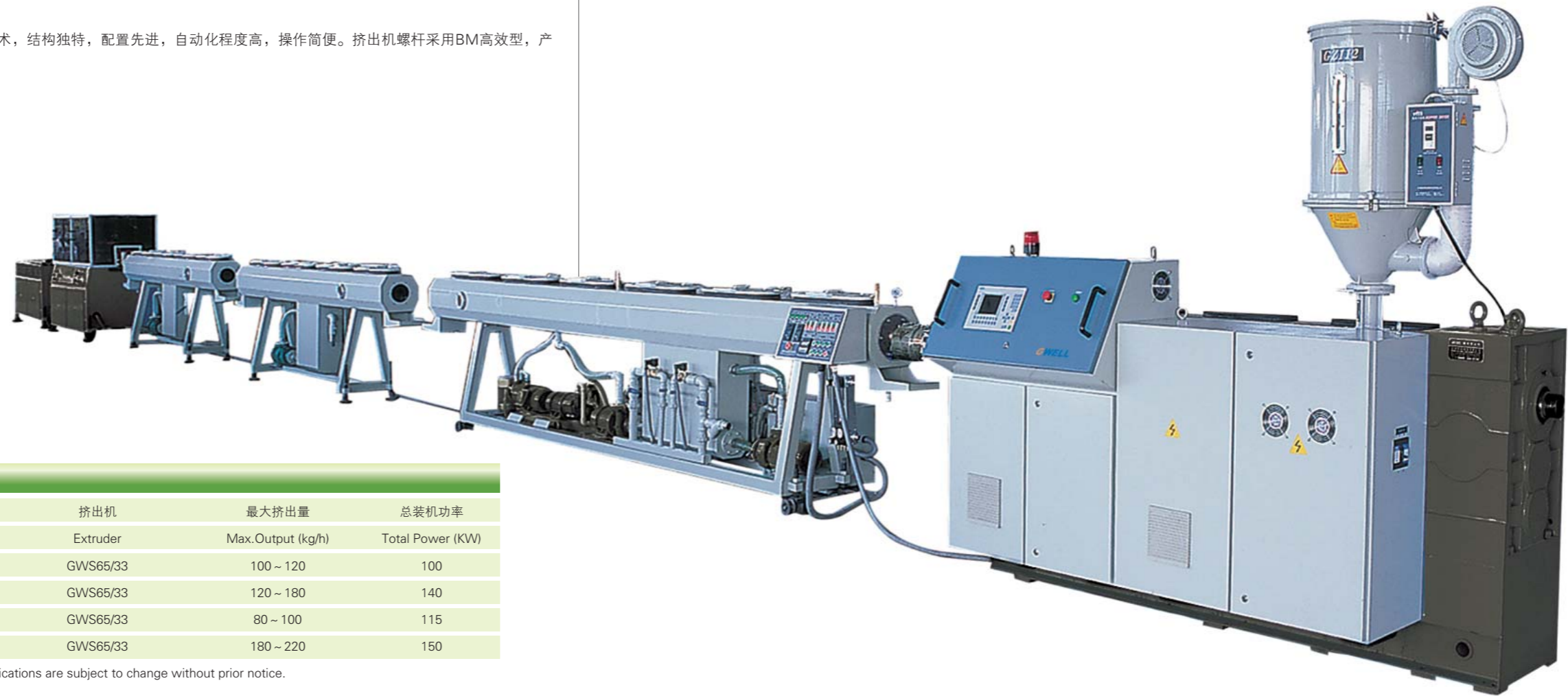
Our company using the development HDPE/PPR pipes extrusion line technology develops this kind of extrusion line. This line feature compact structure,highly automation and easy. The screw using for the BM type ,high output,best plastic and stabilization.

应用领域:

该生产线被广泛应用于住宅、商场、医院、体育场及乡村等供水、以及地暖用的管材生产领域。

性能优点:

该生产线为金韦尔公司自行研制，消化吸收了欧洲先进技术，结构独特，配置先进，自动化程度高，操作简便。挤出机螺杆采用BM高效型，产量高，塑化好，稳定可靠。



主要技术参数: Main Technical Specification

生产线型号	生产管材规格	挤出机	最大挤出量	总装机功率
Type	Pipe Spec (mm)	Extruder	Max.Output (kg/h)	Total Power (KW)
GWS-PPR-63 (单single)	020 ~ 063	GWS65/33	100 ~ 120	100
GWS-PPR-63 (双double)	020 ~ 063	GWS65/33	120 ~ 180	140
GWS-PERT-32 (低速 low speed)	016 ~ 032	GWS65/33	80 ~ 100	115
GWS-PERT-32 (高速 high speed)	016 ~ 032	GWS65/33	180 ~ 220	150

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.

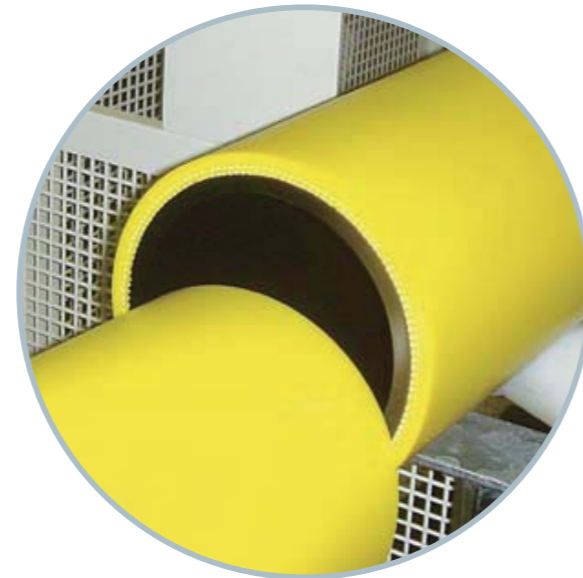
RTP reinforced Pipe Extrusion Line RTP骨架增强复合管道生产线

Two types of fiber reinforced pipe.

The pressure of Aramid fiber reinforced pipe is up to 9-14Mpa. The explode pressure can be 40Mpa. Thermoplastic reinforced pipe RTP. The thermoplastic reinforced pipe RTP has three layers: the inner layer is anti-erosion and wearing-resistant PE pipe; the middle layer is reinforced twisting layer (the material is high-intension synthesized fiber, or glass fiber, carbon fiber or fine metal thread); the outer layer is PE for protection use.

国际上增强塑料管有两大类

芳纶纤维增强RTP的工作压力可高达9-14MPa，爆破压力可高达40MPa。热塑性塑料增强管RTP大部分是三层结构，内层是耐腐蚀耐磨的聚乙烯管，中层是增强的缠绕层（缠绕的材料有高强度合成纤维，玻璃纤维，碳纤维和细金属丝多种），外层是保护用的聚乙烯层。



The RTP connection technology

The connection method between the RTP and RTP, RTP side and other fittings (such as valve, three direction fittings) is: Electrical welding-hot welding and mechanical press.

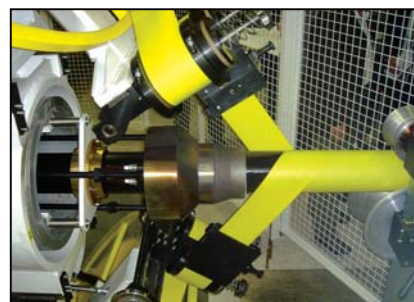
RTP应用领域

目前热塑性塑料增强管RTP主要应用在工业领域，特别是石油开采业。已经应用在炎热的中东沙漠地区，在酷寒的西伯利亚，在海上油井。突出优点-柔韧性.盘卷供应就可以免除大量的连接工作，灵活适应地形，实现非常迅速和经济的铺设，很容易拆迁再用。

主要技术参数：Main Technical Specification

型号Type	管材规格Diameter(mm)	挤出机Extruder	生产速度Speed(m/min)	装机功率Power(kw)
GS/PE250	110-250	GWS75/33	0.3-0.9	280
GS/PE450	250-450	GWS90/33	0.2-0.5	360
GS/PE630	315-630	GWS120/33	0.2-0.5	440

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.



The Huge Calibre Hollowness Wall (Steel framed) Winding Pipe Extrusion Line 大口径（钢骨架）缠绕中空波纹管

Properties: Adopting two steps type decompression screw, with specially mixing and plasticization component, together with high twist torque and high temperature control accuracy mack 90% of recycle material can be used in production.Advanced PLC computer control system, high precision temperature control module block,whole color touch displaying screen to ensure convenient, stable and dependable operation.

生产线: 主机采用双阶式减压螺杆，带有特殊的促进混炼塑化元件，在高扭矩，高温控精度的配合下，保证可全部使用回收料生产。双机联合料供料，螺旋转动成型，高效复合工艺，保证产品的高品质。采用特殊的塑钢复合技术，管材复合可靠，增强管材性能。采用可调节式的挤出机架，操作方便、灵活。采用PLC自动控制系统，性能可靠，维护方便。

管材特点: 管材环钢度高，重量轻，成本低；接口密封性能好；耐酸碱，不腐蚀，使用寿命长，施工方便。应用领域：城市埋地排水，排污管道。

主要技术参数：Main Technical Specification

型号Type	管材规格Diameter(mm)	最大产量 Capacity(kg/h)	外形 Size (长X宽X高) (m)
GWWP-1200	Φ600-1200	500	10X23X2.7
GWWP-1500	Φ1000-1500	600	28X18X6
GWWP-2000	Φ1500-2000	700	30X20X7
GWWP-3000	Φ2000-3000	800	32X20X8

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.



PE, PP, PVC And Wood Plate Extrusion Line PE、PP和PVC木塑挤出生产线

WPC extrusion line: It adopts special design of screw & barrel, mould and extruder for wood plastic products. Gwell company products series: One step way thick board extrusion line, One step way WPC profile extrusion line; WPC pelletizing extrusion line and different kinds of WPC mould.

The WPC products can be produced by two step extrusion machine, or pelletizing first then through extrusion machine, it will save power and place, it has some feature: high output, stable extrusion pressure, high plastication, and good mixing. Optimized screw design have small cutting strength, and it is not easy to cut wood fibre, good plastication.

This extrusion line can produce PE, PP or PVC WPC profile products, Main application is for wood tray, indoor and outdoor floor, and outside decoration, and so on.

木塑挤出生产线: 采用特殊设计的螺杆机筒、模具及挤出机加工生产工艺生产木塑产品。公司产品系列: 木塑一步法厚板设备; 木塑一步法异形材设备; 木塑一步法装饰型材设备; 木塑造粒设备; 各种木塑模具。

挤出机单机两级混合直接挤出, 也可造粒后两步法挤出, 省电省空间, 具有产量高, 挤出压力稳定, 塑化混炼效果好等特点。

优化的螺杆设计剪切力小, 不易剪断木质纤维, 能使物料在机内停留时间均匀。

该生产线能生产PE、PP或PVC木塑异型材制品, 主要用于托盘, 包装箱板, 地板, 户外装饰材料等, 用途十分广泛。

主要技术参数: Main Technical Specification

主机种类	单螺杆挤出			锥双螺杆挤出			平双螺杆挤出	
Extruder	Single screw			Conical twin screw			Parallel twin screw	
型号(MODEL)	GWS65/28	GWS90/28	GWS120/28	GWC65/132	GWC80/156	GWC92/188	GWP75/44	GWP92/44
驱动功率 (KW)	30	55	90	37	55	110	75	132
最大挤出量 (KG/H)	50-60	80-100	150-200	120	280	500	300	500
中心高 (mm)	1050	1050	1050	1050	1050	1100	1050	1050
重量(KG)	1200	2000	3000	4000	5500	8000	5000	8800

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.



PVC-C High Voltage Cable Protection Pipe Extrusion Line PVC-C埋地式高压电力线缆护套管生产线

Advantage: This line can produce anti high pressure, anti high temperature, anti-aging, anti-chemical, good insulation PVC pipe. It is the first choice for the high voltage cable protection and hot water pipe. This line can solve the problems of high temperature melting, high viscosity, easy-decomposition. The special designed screw, gearbox, tooling, and PLC system make the line reliable and easy operation.

性能和优点: 该生产线可生产高强度、耐高温、耐老化、耐化学腐蚀、绝缘性、阻燃性良好的高压电力护套管。PVC-C高压电力护套管施工简捷方便, 是电力系统高低压线网铺设改造的指定用保护管, 是现代化城市建设的首选。该成套设备, 为满足物料熔体温度大、粘度高、塑化困难、易分解等特性对挤出螺杆, 减速器模具进行特殊设计。整条线中文人机界面, 智能控制, 操作简便, 造型可靠。



主要技术参数: Main Technical Specification

型号 Type	最大挤出量 Capacity(kg/h)	最大管材直径 Diameter(mm)
GW80/156-GF250	400	250
装机功率Power(KW)	冷却水 Cool water(m3/h)	压缩空气压力 Pressure Air(MPa)
190	6	0.6

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.



GWSP Series Single Screw Pelletizing Extrusion Line GWSP 系列单螺杆造粒挤出生产线

This pelletizing extruder has the special screw design and different configuration, it is suitable for the recycling and pelletizing of raw materials such as PP, PE, PET, PS, ABS, PA, PVC, PC, POM, EVA, PMMA and the pelletizing of the raw materials with different colors. The gearbox is high torque designed which attains the functions of low noise and stable operation. The surface of the screw and barrel has been special treated so that the screw and barrel are wearable, they can have a very good plastification and mixing effect and the production capacity is high. The extruder has the vacuum vented design which can exhaust the vapor or gas during the production, so that the output can be more stable and the pellets are more dense.

采用特殊的螺杆设计及不同配置，适用于生产PP、PE、PET、PS、ABS、PA、PVC、PC、POM、EVA、PMMA等多种塑料的再生及混色造粒。减速箱采用高扭矩的设计，实现了低噪音及运转平稳等性能。螺杆、机筒经过特殊的表面处理，具有耐磨，混炼效果好，产量高的特性。真空排气或自然排气口的设计，能在生产过程中将水分、废气排除，使出料更稳定，胶粒更密实，保证了产品的优良品质。

主要技术参数: Main Technical Specification

型号	螺杆直径	长径比	螺杆转速	主电机功率	生产能力
Model	Screw dia.(mm)	L/D	Screw speed Max.(rpm)	Power of main motor(Kw)	Output(Kg/h)
GWSP45	45	25-36	20-120	5.5-11	18-40
GWSP65	65	25-36	20-120	15-37	40-90
GWSP90	90	25-36	20-95	37-75	100-250
GWSP120	120	25-36	20-80	55-110	250-380
GWSP150	150	25-36	20-80	110-160	300-450
GWSP180	180	25-36	20-70	180-250	400-650

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.



GWCP Series Counter Rotation Conical Twin-screw Pelletizing Extrusion Line GWCP 系列异向锥双螺杆造粒挤出生产线

This pelletizing machine is composed by a conical twin-screw extruder and the correspondingly pelletizing downstream equipment, it is suitable for the pelletizing of PVC, PE raw materials with wood powder or other additives. The pellets produced by this machine is evenly, solid, elegance. The pelletizing downstream equipment is the die face cutter, air transferring unit, vibration separating and cooling unit. This pelletizing downstream equipment has the features of high automation and high production efficiency.

该机组是由系列锥形双螺杆挤出机与相应造粒辅机组成的成套设备，主要适用于PVC、PE类粉料添加木粉或填充料的造粒。生产的塑料颗粒均匀、密实、美观，辅机采用模面切粒，风送集料，振动分离冷却，具有自动化程度高，生产效率佳等特点。

主要技术参数: Main Technical Specification

型号	螺杆规格	颗粒规格	主电机功率	生产能力
Model	(mm)	(mm)	Power of main motor(Kw)	Output(Kg/h)
GWCP55	55/110	φ3-φ4	22	100-120
GWCP65	65/132	φ3-φ4	37	220-260
GWCP80	80/156	φ3-φ4	55	320-450
GWCP92	92/188	φ3-φ4	110	650-800

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.



GWC Series Strong Crusher GWC 系列强力破碎机

Features:GWC series crusher with a beautiful exterior design , high-quality all-welded steel structure. The rotor with new V type cutting technology not only can ensure the material be delivered in the center of the rotating blades and avoid the impact on the sidepiece, but also can make the sidepiece wearable and reduce working powder. The main axis is processed with high quality steel after verifying the balance. Good toughness, stable working state, low shaking are the main features.

This kind of crusher can be used in crushing small size pipe, sheet material, plastic material or various of packing containers, film and so on. Gwell also can provide relevant auxiliary equipment in accordance with our customers' requirements, such as material collection pumping sets, feeding conveying system and metal segregator.

特点: GWC系列强力破碎机采用优美的外形设计、优质的全钢结构焊接而成。转子采用最新的V形切割技术, 可将破碎材料送至转刀中央, 这避免了材料在侧壁上的冲击, 同时也增加了侧壁的耐磨性, 减少破碎粉尘。主轴采用优质材料加工而成, 总成经动、静平衡校验, 具有韧性好、工作中不易变形、工作状态稳定震动小等特点。

适用于破碎小管材、型材, 板片材, 注塑浇口料, 各类塑料包装容器及薄膜等。Gwell还可根据用户的要求提供配套的破碎辅助设备, 如: 集料抽吸机组、投料输送带、金属分离器。



主要技术参数: Main Technical Specification

型号	投料口尺寸	主电机功率	转刀数量 (件)	定刀数量 (件)	转子旋转直径	参考生产能Output
Model	Feed inlet (mm)	Power of main motor(Kw)	Rotors	Stators	Rotor diameter (mm)	(kg/h)
GWC180	270 × 300	4	30	2	180	50
GWC300	300 × 200	5.5	6	2	200	100
GWC450	450 × 350	7.5-11	6	2	300	150
GWC560	560 × 400	11-22	6	2	400	300
GWC700	700 × 500	22-37	6-10	4	500	500
GWC800	800 × 600	37-75	6-10	4	600	600

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.

GWC-X Profile/Pipe/WPC Series Special Use Strong Crusher GWC-X型材、管材、木塑专用破碎机

Features:Conventional crusher have substantial problems handling long pipes and profiles. To feed large and bulky materials in most cases cavities or platforms are needed. Therefore Gwell developed the GWC-X range. Thanks to the almost level feeding hopper, long pieces can be fed easily. As the machine there is no risk of blocking, in case of congestion no more material will be accepted by the machine until the grinding chamber is empty and the machine will accept material again, and work can go on without problems again.

The GWC-X range is based on the GWC range and all the machine concepts and features that are present in the GWC-X range and leave nothing lacking.

特点: 传统的破碎机对于破碎塑料管材, 型材以及木塑型材类制品存在一定困难, 通常需要较大的破碎腔来破碎回收体积较大, 数量较大的材料 为此, 金韦尔特别设计了GWC-X系列。几乎与地面平行的喂料斗, 使较长材料的喂给极为简单方便。由于机器的转子能够自动抓牢待破材料, 因此几乎不存在材料阻塞的可能。

GWC-X系列是在GWC系列多年的发展基础上设计而成的, 因此, 此系列机型有着最先进的设计理念。坚固的焊接钢结构的GWC-X系列机型, 适用于各种特殊应用 根据不同的需要, Gwell提供不同的转刀设计以供选择。



主要技术参数: Main Technical Specification

型号	投料口尺寸	转子有效宽度	主电机功率 (kw)	风机功率 (kw)	转刀数量 (件)	定刀数量 (件)	参考生产能
Model	Feed inlet (mm)	Effective width (mm)	Power of main motor	power of fan	rotors	stators	Output (kg/h)
GWC-X600	450 × 450	600	55-75	7.5	5 × 3	4	500
GWC-X800	600 × 600	800	75-110	11	5 × 5	4	700

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.

Company Relevant Product 公司相关产品



All kinds of Board & sheet mould
各类板片模具



All Kinds of Profile Tooling
各类型材模具



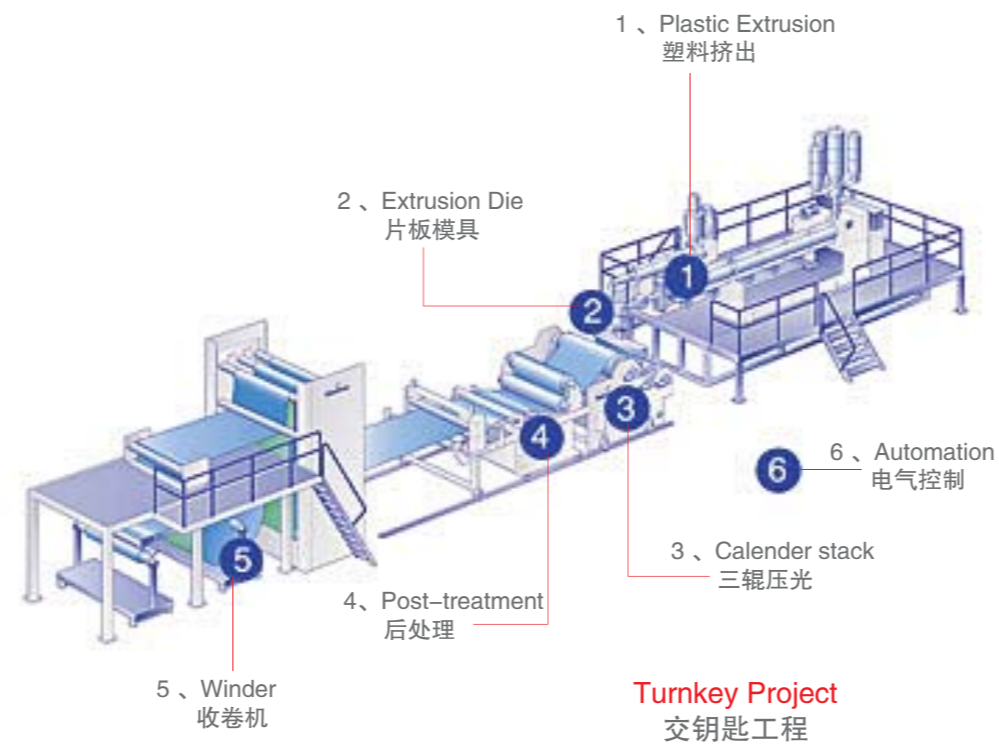
Hydraulic Screen Changer
液压站



Mixer
800/2500 卧式混料机



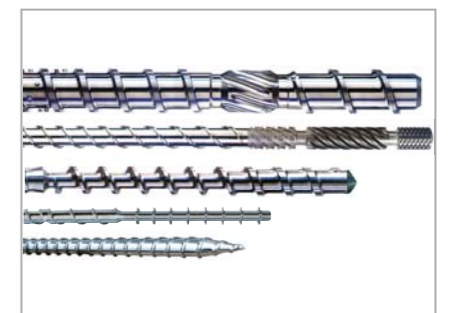
Measuring Gear Pump
熔体泵



Roller
辊筒



Hydraulic Screen Changer
自动换网器



Screw
螺杆