



Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

公司介绍

Company Profile



青岛中瑞塑料机械有限公司位于山东省青岛市胶州市，距离青岛港 30 公里，机场仅 20 公里，高速公路遍布，海陆空十分便利。公司始终专注于技术研发和管理创新，形成了一支经验丰富的技术开发团队。公司主要产品包括 PE、PC、PVC、PP、PP-R、PET、PE-RT、PA 等各类塑料管材生产线；各种塑料型材生产线；PE、PP、PVC 木塑型材生产线；各类塑料片材生产线，以及单螺杆、双螺杆挤出机、搅拌机、破碎机等各种用途的辅助机器。产品远销东南亚、中东、南美、欧共体、俄罗斯、丹麦、乌克兰、哈萨克斯坦、乌兹别克斯坦、巴基斯坦、伊朗、埃及、肯尼亚等多个国家和地区，深受用户好评。

企业理念：诚信、求实、创新、高效。

企业精神：忠诚于用户，服务好用户，与用户共同发展。

质量方针：以质量保证体系为基础，以顾客满意为服务标准，以争做世界知名品牌为目标。

青岛中瑞塑料机械有限公司始终把客户的利益放在首位，谋求双赢的发展。

Qingdao Zhongrui Plastic Machinery Co., Ltd. is located in Jiaozhou City, Qingdao City, Shandong Province. It is 30 kilometers away from Qingdao Port and only 20 kilometers away from the airport. There are highways everywhere, and the sea, land, and air are very convenient. The company has always focused on technological research and management innovation, forming an experienced technology development team. The company's main products include various plastic pipe production lines such as PE, PC, PVC, PP, PP-R, PET, PE-RT, PA, etc; Various plastic profile production lines; PE, PP, PVC wood plastic profile production line; Various plastic sheet production lines, as well as auxiliary machines for various purposes such as single screw and double screw extruders, mixers, crushers, etc. The products are exported to Southeast Asia, the Middle East, South America, the European Community, Russia, Denmark, Ukraine, Kazakhstan, Uzbekistan, Pakistan, Iran, Egypt, Kenya and other countries and regions, and are highly praised by users.

Corporate philosophy: Integrity, pragmatism, innovation, and efficiency.

Corporate spirit: Loyalty to users, serving them well, and developing together with them.

Quality policy: Based on the quality assurance system, with customer satisfaction as the service standard, and striving to become a world-renowned brand as the goal.

Qingdao Zhongrui Plastic Machinery Co., Ltd. always puts the interests of customers first and strives for win-win development.

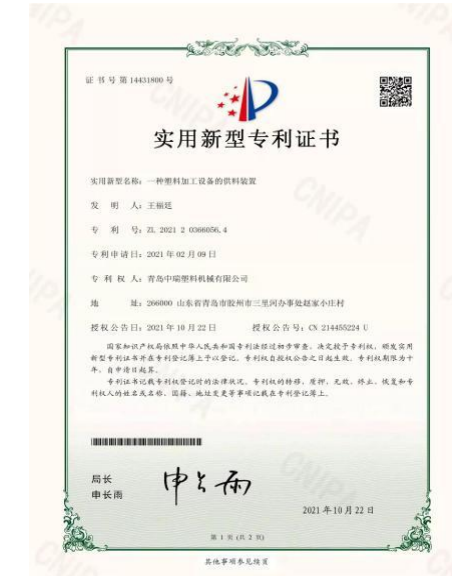
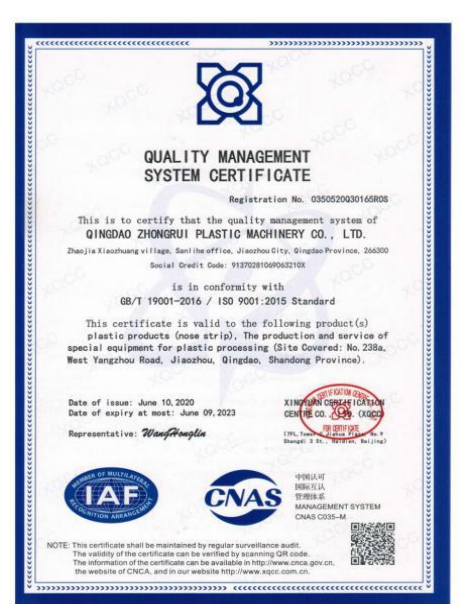


Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

公司专利

Company patents





Qingdao Zhongrui Plastic Machinery Co., Ltd

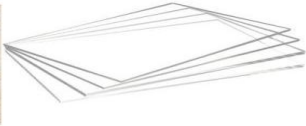
中瑞塑机



PP 打包带生产线 PP packaging belt production



PP 纤维打包带生产线 PP fiber packaging belt production



PMMA/PC 片材挤出生产线 PMMA/PC sheet extrusion production



PE/PP/WPC 木塑地板生产线 PE/PP/WPC wood plastic flooring



PP 纤维打包带生产线

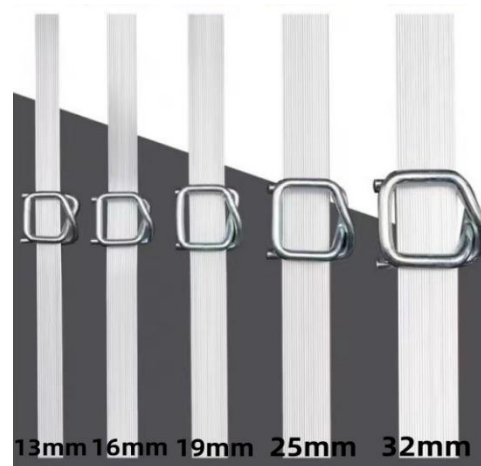
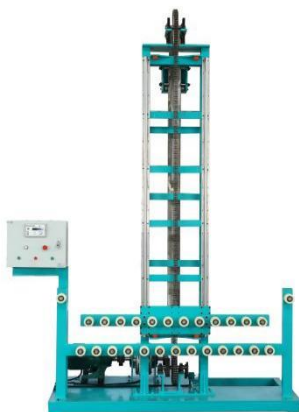
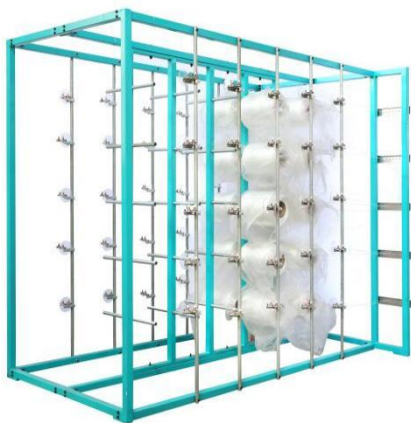
PP fiber packaging belt production line



主机型号 extruder model	SJ75/30
功率 power	37kw
制品宽度 Product width	9-19mm
制品厚度 Product thickness	0.4-1.2mm

用于捆扎。广泛地被化工、机械、木材、医疗、玻璃、铝锭、钢材、造纸、精密仪器等行业采用。

Used for bundling. Widely used in chemical industry, machinery, wood, medical, glass, aluminum ingot, steel, paper, precision instruments and other





中瑞塑机

Qingdao Zhongrui Plastic Machinery Co., Ltd

RTP 纤维缠绕带生产线

RTP fiber winding tape production line



RTP 纤维缠绕带不但具有高强度，而且具有冲击韧性和可回收性，使其在市政管道，石油管道等领域的应用越来越广泛。
RTP fiber winding tape not only has high strength, but also has impact toughness and recyclability, making its application in municipal pipelines, petroleum pipelines and other fields increasingly widespread.





Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

PP 打包带生产线

PP packaging belt production line



PP 打包带，学名聚丙烯，是常见塑料中较轻的一种，PP 打包带的主要材料是聚丙烯拉丝级树脂，因其可塑性好，断裂拉力强，耐弯曲，比重轻，使用方便等优点，被加工成的捆扎带，已在各领域中广泛作用。

PP strapping, scientific name polypropylene, is a lighter type of common plastic. The main material of PP strapping is polypropylene drawing grade resin. Due to its good plasticity, strong tensile strength, bending resistance, light weight, and convenient use, it is processed into strapping and has been widely used in various fields.





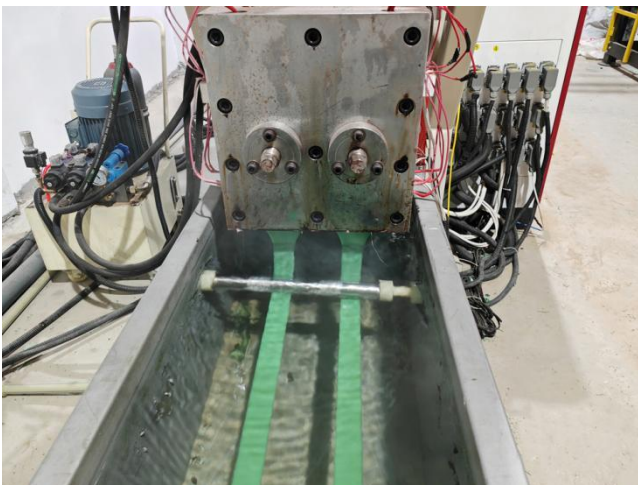
PET 打包带生产线

PET packaging belt production line



PET 打包带，别名塑钢打包带，简称为塑钢带。是逐渐代替铁皮打包带的一种产品，PET 主要成分是聚酯树脂。按颜色可分为黑色塑钢带和绿色塑钢带，根据生产工艺也可分为压花塑钢带和光面塑钢带。

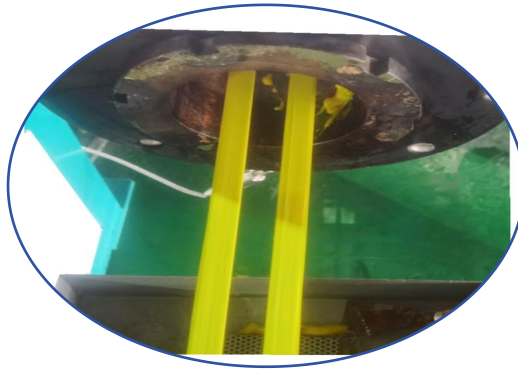
PET strapping, also known as plastic steel strapping, abbreviated as plastic steel strapping. It is a product that gradually replaces iron strapping, and the main component of PET is polyester resin. According to color, it can be divided into black plastic steel strip and green plastic steel strip. According to production process, it can also be divided into embossed plastic steel strip and smooth plastic steel strip.





单向拉伸带生产线

Unidirectional stretching belt production line

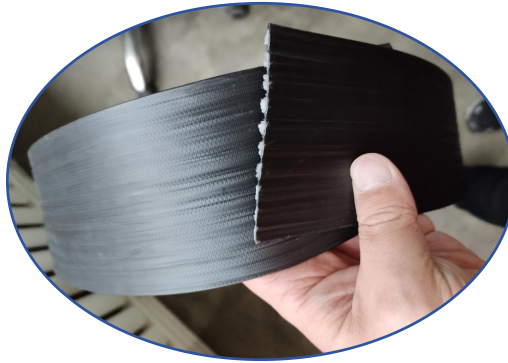


单向拉伸带生产线由纤维放卷架装置、自动上料机、加热烘箱、单螺杆挤出机、模具、冷却水槽、牵引机、卷取机组成。主要用于市政管道工程等领域。

The unidirectional stretching belt production line consists of a fiber unwinding frame device, an automatic feeding machine, a heating oven, a single screw extruder, a mold, a cooling water tank, a traction machine, and a coiling machine. Mainly used in fields such as municipal pipeline engineering.



土工格栅生产线 Geogrid production line



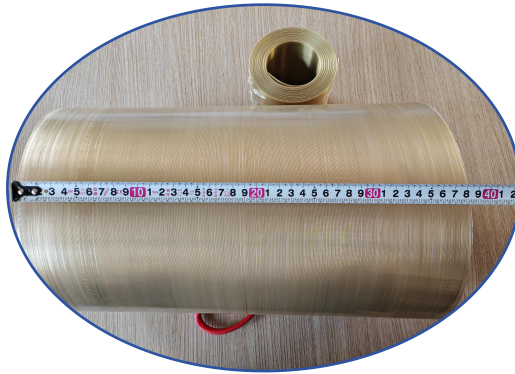
新型高分子复合土工材料塑料土工格栅具有强度高、尺寸稳定、耐腐、耐老旧等优良优点，由于具有独特的物理结构，广泛应用于灌溉工程、公路、铁路、机场、煤矿等工程领域。

The new polymer composite geosynthetic material plastic geogrid has excellent advantages such as high strength, dimensional stability, corrosion resistance, and aging resistance. Due to its unique physical structure, it is widely used in irrigation engineering, highways, railways, airports, coal mines and other engineering fields.



钢丝带生产线 (水冷)

Steel wire strip production line (water-cooled)



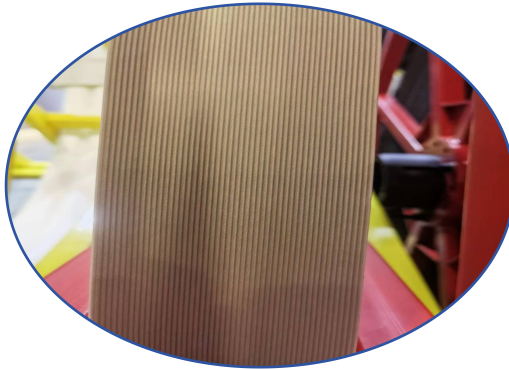
钢丝带是一种高强度、耐腐蚀、结构稳定的金属制品，经过特殊工艺加工制成。广泛应用于 RTP 管道、石油管道和市政管道等领域。

Steel wire strip is a high-strength, corrosion-resistant, and structurally stable metal product that is processed through special processes. Widely used in fields such as RTP pipelines, oil pipelines, and municipal pipelines.



钢帘线生产设备 (风冷)

Steel curtain production machine (forced air cooling)



钢帘线生产设备技术先进，配置精度高，性能稳定，工作效率高；自动化程度高，采用电脑控制系统，多种工序实时控制，确保产品质量，广泛应用于 RTP 管道、石油管道和市政管道等领域。

The steel curtain production equipment has advanced technology, high configuration accuracy, stable performance, and high work efficiency; High degree of automation, using computer control system, real-time control of multiple processes to ensure product quality, Widely used in fields such as RTP pipelines, oil pipelines, and municipal pipelines.

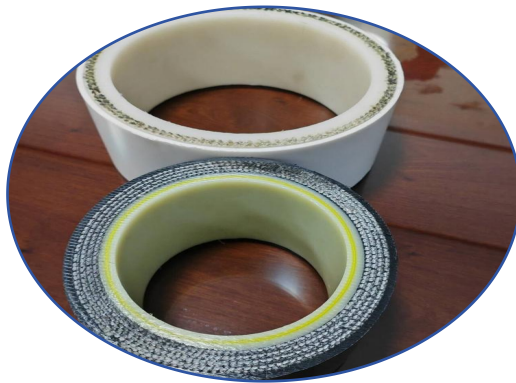




中瑞塑机

Qingdao Zhongrui Plastic Machinery Co., Ltd

聚酯纤维增强 RTP 管 Polyester fiber reinforced RTP pipe



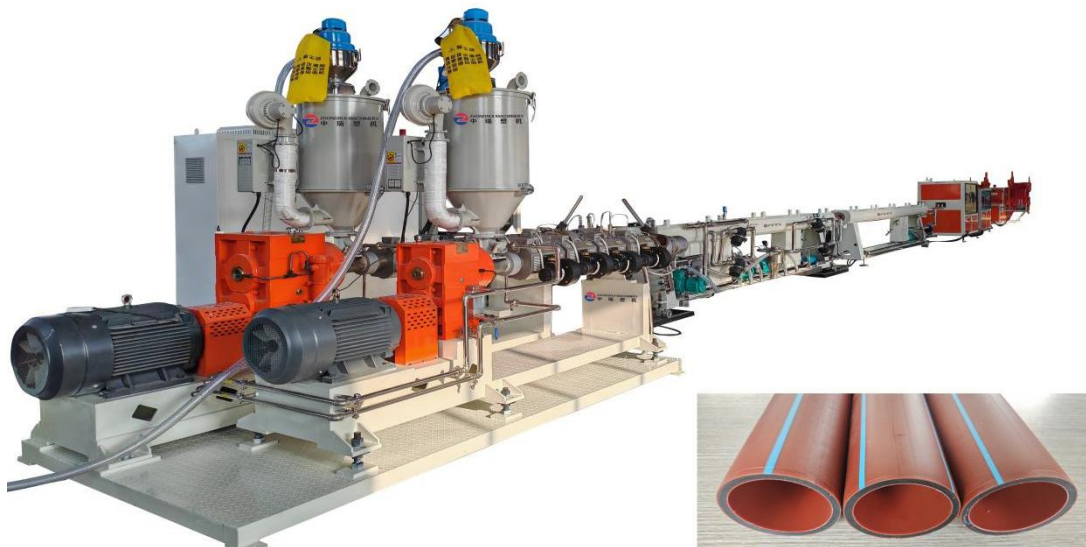
柔性增强热塑性塑料复合管（RTP管），是一种高压塑料复合管道，具有良好的柔韧性、抗腐蚀性、耐高压、耐冲击、耐磨损、重量轻、容易连接、可盘绕、长距离无接头快速铺设等特点，可以很好地克服钢管的腐蚀问题以及塑料管道的耐压问题，可应用在石油、天然气开采，高压长距离输送天然气以及各种需要较高压力输送介质的管线领域。

Flexible reinforced thermoplastic composite pipe (RTP pipe) is a type of high-pressure plastic composite pipeline, which has good flexibility, corrosion resistance, high pressure resistance, impact resistance, wear resistance, light weight, easy connection, coiling, long-distance seamless quick laying, and other characteristics. It can effectively overcome the corrosion problem of steel pipes and the pressure resistance problem of plastic pipelines, and can be applied in oil and natural gas extraction, High pressure long-distance transmission of natural gas and various pipeline fields that require high pressure transmission media.



PE/HDPE/PPR 管生产线

PE/HDPE/PPR pipe production line



PE/PPR/HDPE 管生产线主要用于生产单层或多层 20mm-630mm PE/PPR/HDPE 管材，用于排水、电力等。本机采用 PLC 控制，操作方便，运行平稳，生产效率高，使用寿命长，噪音低。

PE/PPR/HDPE pipe production line is mainly used to produce Single or multilayer 20mm-630mm PE/PPR/HDPE/PERT pipe, use for drainage, electricity etc. The machine adopts PLC control, which is easy to operate, stable in operation, high in production efficiency, long in service life and low in noise.





PE-RT 地暖管生产线

PE-RT underfloor heating pipe production line



该地暖原料是一种力学性能十分稳定的中密度聚乙烯，由乙烯和辛烯的单体经茂金属催化共聚而成。它所特有的乙烯主链和辛烯短支链结构，使之同时具有乙烯优越的韧性、耐应力开裂性能、耐低温冲击、杰出的长期耐水压性能和辛烯的耐热蠕变性能。

The underfloor heating material is a medium density polyethylene with very stable mechanical properties, which is copolymerized from monomers of ethylene and octene through metallocene catalysis. Its unique ethylene main chain and octene short branched chain structure endow it with superior toughness, stress cracking resistance, low temperature impact resistance, outstanding long-term water pressure resistance, and heat creep resistance of octene.





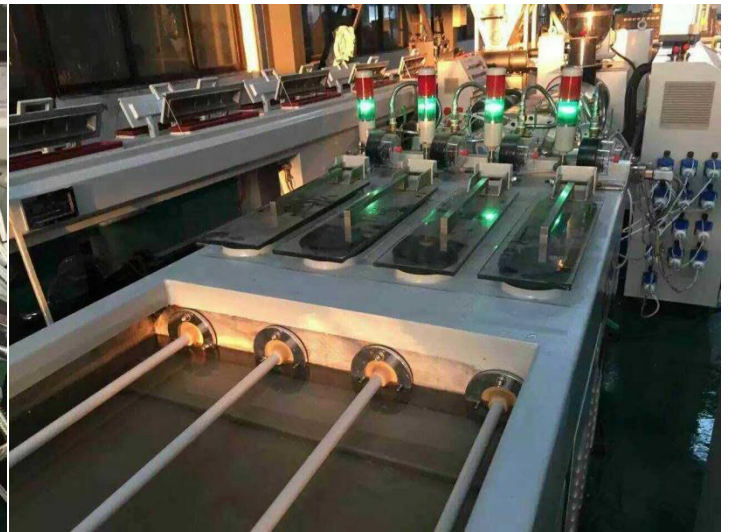
PVC 穿线管生产线

PVC conduit production line



穿线管全称“建筑用绝缘电工套管”，通俗地讲是一种白色的硬质 PVC 线管，防腐蚀、防漏电、穿电线用的管子。用于室内正常环境和在高温、多尘、有震动及有火灾危险的场所。也可在潮湿的场所使用。不得在特别潮湿，有酸、碱、盐腐蚀和有爆炸危险的场所使用。

The full name of conduit is "insulated electrical conduit for construction". Simply put, it is a white hard PVC conduit that is corrosion-resistant, leak proof, and used for threading electrical wires. Used in normal indoor environments and places with high temperatures, dust, vibrations, and fire hazards. It can also be used in damp places. Do not use in places that are particularly humid, have acid, alkali, salt corrosion, and have an explosion risk.





Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

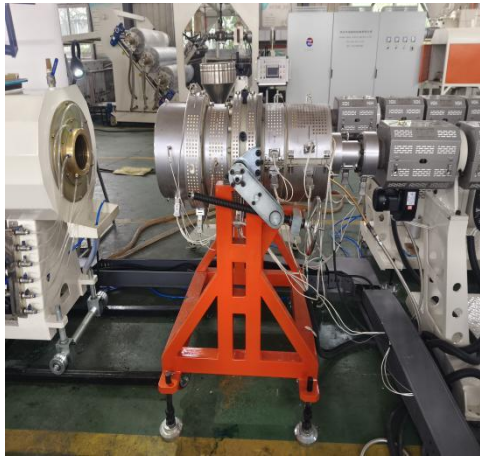
HDPE(110mm-1200mm)管生产线

HDPE(110mm-1200mm) pipe production line



HDPE 系列塑料管材生产线主要用于生产农用灌溉，建筑排水排污等方面。该机组由主机、真空定径箱、牵引机、切割机、翻料架等组成。单螺杆挤出机及牵引机采用进口交流变频调速装置。

The HDPE series plastic pipe production line is primarily used for agricultural irrigation, building drainage, and sewage disposal. This unit comprises a main machine, a vacuum sizing box, a haul-off machine, a cutting machine, and a material turnover rack. The single screw extruder and haul-off machine are equipped with imported AC variable frequency speed regulation devices.



PVC 落水管生产线

PVC downpipe production line



PVC 管材，管材塑化好，产值高。主要用于农用给排水管、修建用给排水管、电力用穿线管、电缆护套管等领域。
PVC pipes have good plasticization and high output value. Mainly used in fields such as agricultural water supply and drainage pipes, construction water supply and drainage pipes, electrical conduit pipes, cable protective sleeves, etc.



UPVC 加筋管生产线

UPVC reinforced pipe production line



PVC-U 加筋管是由硬聚氯乙烯为主要原料加工生产的内壁光滑，外壁带有垂直加强筋的新颖管道。UPVC 加筋管是由挤出机一次挤出成型，外壁带有垂直加筋的新型 UPVC 管，结构合理，强度高。

PVC-U reinforced pipe is a novel pipeline produced by processing hard polyvinyl chloride as the main raw material, with a smooth inner wall and vertical reinforcing ribs on the outer wall. UPVC reinforced pipe is a new type of UPVC pipe formed by extrusion with vertical reinforcement on the outer wall. It has a reasonable structure and high strength.



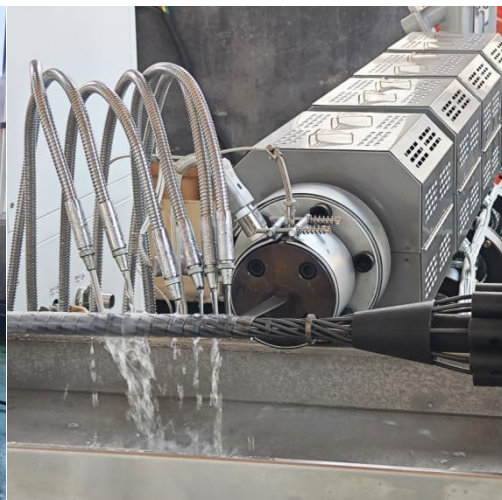
PP 护套管生产线

PP protective sleeve production line



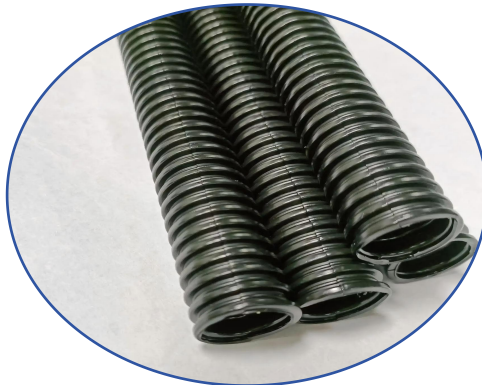
PP 螺旋护套管生产线是专门用于制造聚丙烯 (PP) 螺旋缠绕结构壁管材的自动化设备。这种管材因其独特的螺旋增强结构和优异的性能 (轻质、高环刚度、耐腐蚀、柔韧性好、施工便捷)，广泛应用于通信电缆保护、电力电缆保护、排水、通风等领域。

The PP spiral protective pipe production line is an automated equipment specifically designed for manufacturing polypropylene (PP) spiral wound structured wall pipes. This type of pipe is widely used in fields such as communication cable protection, power cable protection, drainage, and ventilation due to its unique helical reinforcement structure and excellent performance (light weight, high ring stiffness, corrosion resistance, good flexibility, and convenient construction).



波纹管生产线

Bellows production line



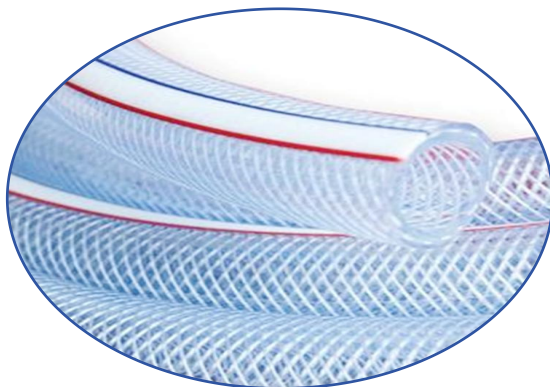
波纹管壁薄，灵敏度高，从几十兆帕到几十兆帕不等。开口端固定，密封端处于自由状态，并采用辅助螺旋弹簧或簧片来增加弹性。工作时，在内压的作用下，管子沿长度方向延伸，使活动端与压力位移产生一定的关系。

Bellows have thin walls and high sensitivity, ranging from tens of mpa to tens of megapascals. The open end is fixed, the sealed end is in a free state, and an auxiliary coil spring or reed is used to increase elasticity. When working, under the action of internal pressure, the tube extends along the length direction, so that the movable end produces a certain relationship with the pressure displacement.



纤维增强管生产线

Fiber reinforced pipe production line



PVC 纤维增强软管又称 pvc 网格管，俗称塑料蛇皮管，适于有压或有腐蚀性的气体、液体的输运，广泛应用在机械、煤矿、石油、化工、依灌、建筑、民用（煤气罐）等领域。现亦大量应用于花园、草坪的浇灌。

PVC fiber reinforced hose, also known as PVC mesh pipe, commonly known as plastic snake skin pipe, is suitable for the transportation of pressurized or corrosive gases and liquids. It is widely used in fields such as machinery, coal mines, petroleum, chemical industry, agricultural irrigation, construction, and civil use (solar water heaters, gas tanks). It is also widely used for watering gardens and lawns.



PU/TPU 管生产线

PU/TPU pipe production line



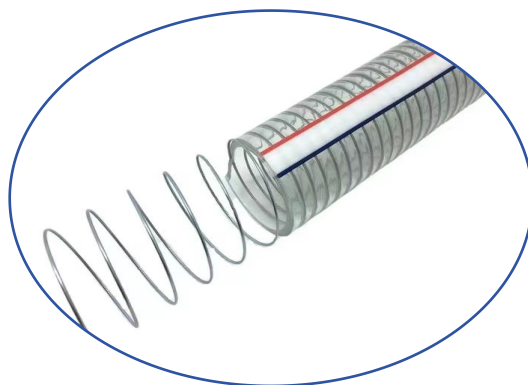
PU 管称为聚氨酯管，是一种优越的管道材料，由聚氨酯（Polyurethane）制成。PU 管是一种具有优越的弹性、耐磨性、抗化学腐蚀性和耐高压性能的管道材料。应用于气动压力软管，液压管等。

PU pipe, called Polyurethane pipe, is a superior pipe material made of polyurethane (Polyurethane). PU pipe is a kind of pipe material with superior elasticity, wear resistance, chemical corrosion resistance and high pressure resistance. Applied to pneumatic pressure hose, hydraulic pipe, etc.



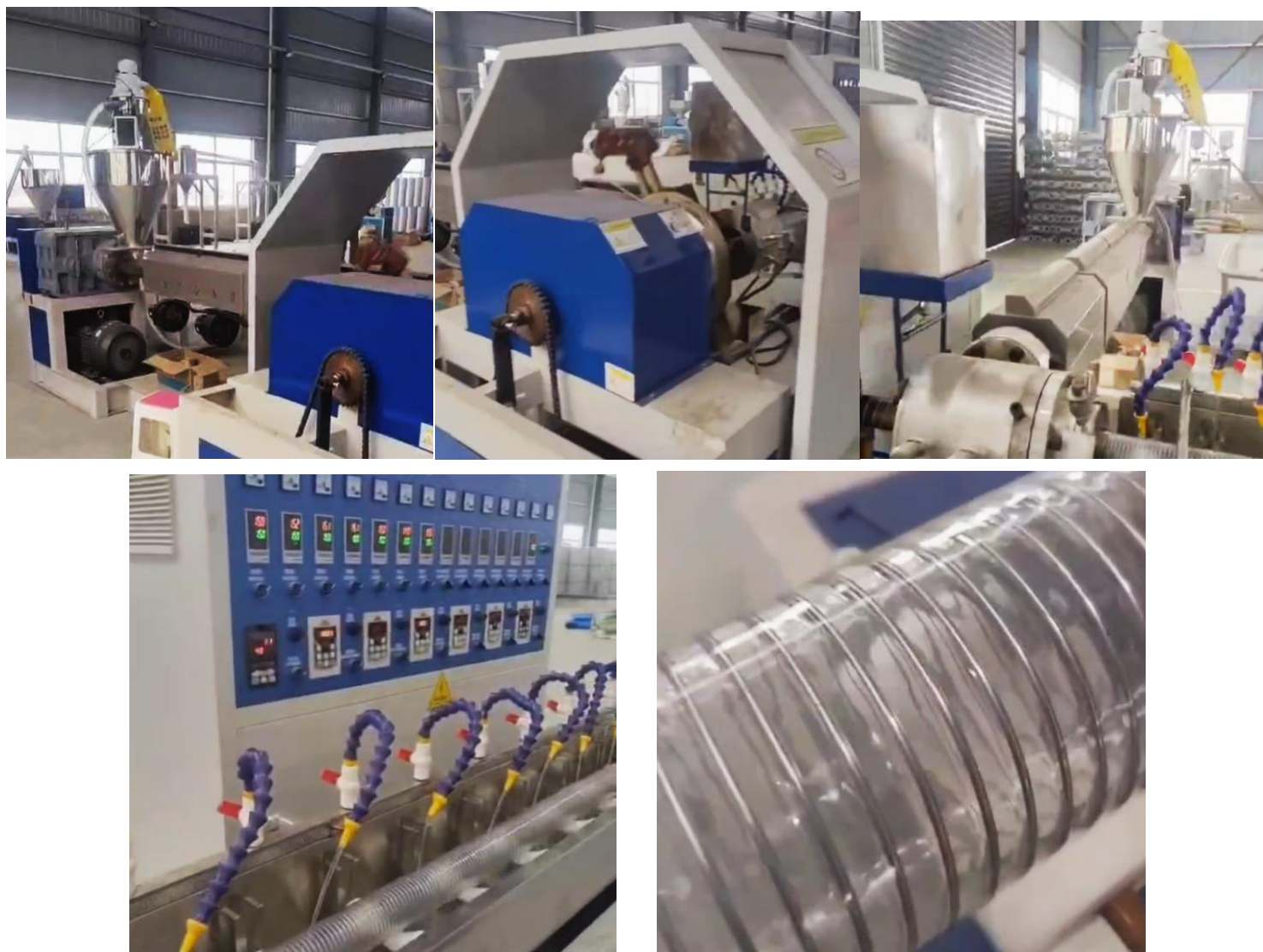
钢丝软管生产线

Steel wire hose production line



钢丝软管生产线结构紧凑，外形美观大方，可实现物美价廉，超低噪音，环保节能。钢丝软管是一种用于输送流体或气体的管道，由内层管、增强层和外层管组成。它具有耐高压、耐腐蚀、耐磨损等特性，在工业领域被广泛应用。

The steel wire hose production line has a compact structure, beautiful and generous appearance, which can achieve good quality and low price, ultra-low noise, environmental protection and energy conservation. A steel wire hose is a pipeline used for conveying fluids or gases, consisting of an inner tube, a reinforcing layer, and an outer tube. It has characteristics such as high pressure resistance, corrosion resistance, and wear resistance, and is widely used in the industrial field.





中瑞塑机

Qingdao Zhongrui Plastic Machinery Co., Ltd

PE 碳素螺旋管生产线

PE carbon spiral pipe production line



塑料管生产线是由聚乙烯、碳等材料合成改性，经挤出工艺螺旋成型。PE 碳螺旋管具有 PE 塑料和碳材料的优点，具有阻燃、绝缘、环刚度强、耐压性好等特点。

The plastic pipe production line synthesizes and modifies materials such as polyethylene and carbon, and is spirally formed by an extrusion process. PE carbon spiral pipe It has the advantages of PE plastic and carbon material, and has the characteristics of flame retardancy, insulation, strong ring stiffness, and good pressure resistance.





Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

PVC/PU 水带生产线

PVC/PU hose production line



PVC/PU 水带又叫做普通型水带，主要由 PVC 材料制成。PVC 水带便宜且易于维护，一般用于消防水带，农业灌溉等。PVC/PU water hose, also known as ordinary water hose, is mainly made of PVC material. PVC hoses are inexpensive and easy to maintain, and are generally used for firefighting hoses, agricultural irrigation, and so on.





Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

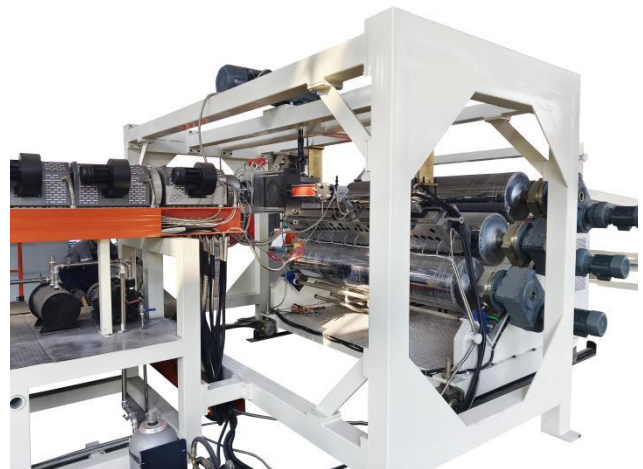
PMMA/PC(亚克力)生产线

PMMA/PC (acrylic) production line



PC/PMMA (亚克力) 广泛用于仪器、仪表零件、灯具、装潢、建筑材料、飞机、汽车配件、工艺制品、电器绝缘材料、标本、标，以及各种轻工、文教、生活用品等。

PC/PMMA (acrylic) is widely used in instruments, instrument parts, lighting fixtures, decoration, building materials, aircraft, automotive parts, process products, electrical insulation materials, specimens, labels, as well as various light industry, cultural and educational, daily necessities, etc.





Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

PS/ABS 片材生产线

PS/ABS sheet production line



该生产线结构紧凑,性能优越, 采用自动化控制, 设备稳定, 操作方便, 产量高, 寿命长。调整模具或更换模唇可生产相同宽度、不同厚度的满足要求的板片材。具有结构紧凑, 性能优越、自动化程度高, 运转平稳等特点, 可选用进口变频器。

The production line has a compact structure, superior performance, adopts automated control, stable equipment, convenient operation, high output, and long service life. Adjusting the mold or replacing the mold lip can produce sheet materials with the same width and different thicknesses that meet the requirements. Featuring compact structure, superior performance, high degree of automation, and smooth operation, imported frequency converters can be selected.



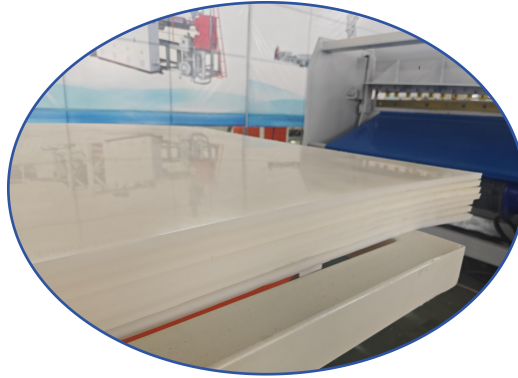


Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

PP/PE 片材生产线

PP/PE sheet production line



PE 片材生产线是一种将聚乙烯 (PE) 颗粒原料通过加热熔融、挤出成型、冷却定型、牵引切割等一系列工序，连续生产出规定厚度和宽度的塑料片材的自动化工业设备。生产的 PE 片材广泛应用于包装、印刷、广告、建筑、工业等多个领域。

The PE sheet production line is an automated industrial equipment that continuously produces plastic sheets of specified thickness and width from polyethylene (PE) granular raw materials through a series of processes such as heating and melting, extrusion molding, cooling and shaping, and traction and cutting. The produced PE sheets are widely used in multiple fields such as packaging, printing, advertising, construction, and industry.





Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

三层共挤 PVC 琉璃瓦生产线

Three layer co extruded PVC glazed tile production line



PVC 釉面瓦挤出生产线优点：生产效率高，结构合理紧凑，操作维护方便。PVC 琉璃瓦广泛应用于展馆、酒店、展览馆、度假村、家庭等建筑。PVC 琉璃瓦具有一系列优点：耐候性、耐腐蚀性能、优异的承载能力、抗冲击耐低温、自清洁等。

Advantages of PVC glazed tile extrusion production line: high production efficiency, reasonable and compact structure, and convenient operation and maintenance. PVC glazed tiles are widely used in buildings such as exhibition halls, hotels, exhibition halls, resorts, and homes. PVC glazed tiles have a series of advantages, including weather resistance, corrosion resistance, excellent load-bearing capacity, impact resistance, low temperature resistance, self-cleaning, etc.



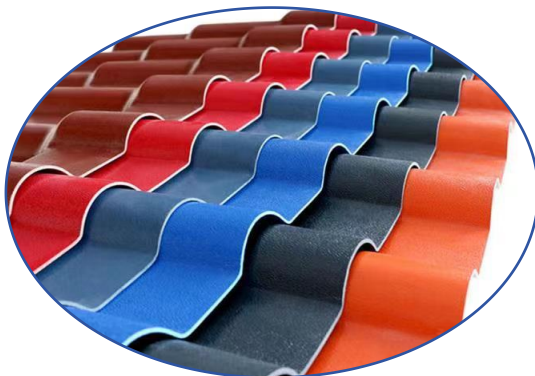


中瑞塑机

Qingdao Zhongrui Plastic Machinery Co., Ltd

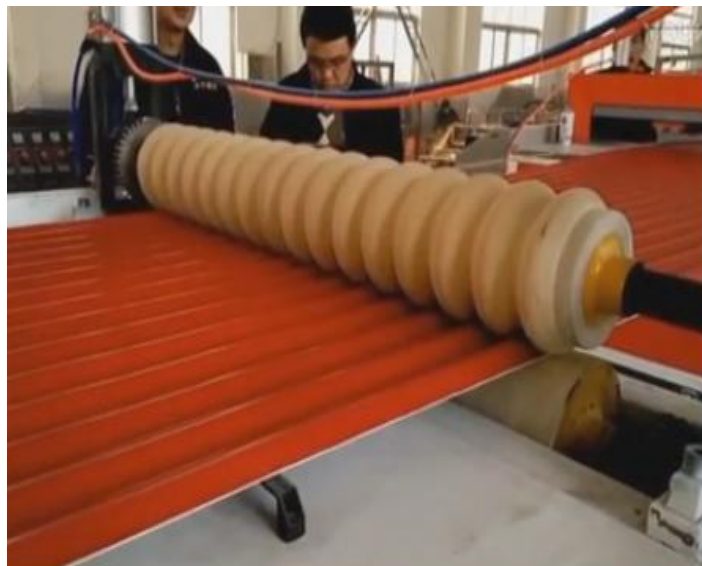
PVC/PC 波浪瓦生产线

PVC/PC Wave Tile Production Line



PVC/PC 波浪瓦表层可采用耐候 PVC 改性材料或 PC 原料制成，超耐用，保温，环保节能，无石棉，隔热性好，耐酸碱腐蚀，经济实惠，色彩鲜艳，经久耐用，是新一代厂房、仓库、房地产、过道、屋顶、车棚等工程屋面建筑材料。

The surface of PVC/PC wave tiles can be made of weather resistant PVC modified materials or PC raw materials, which are super durable, insulated, environmentally friendly and energy-saving, asbestos free, with good insulation, acid and alkali corrosion resistance, cost-effective, brightly colored, and durable. It is a new generation of roof construction materials for factories, warehouses, real estate, corridors, roofs, car sheds, and other engineering projects.





中瑞塑机

Qingdao Zhongrui Plastic Machinery Co., Ltd

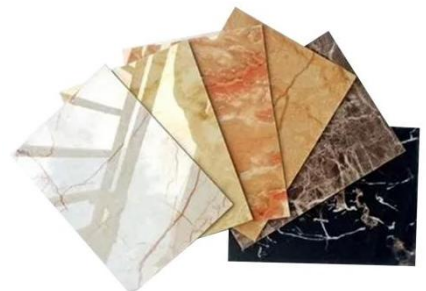
PVC 仿大理石板生产线

PVC imitation marble slab production line



PVC 仿大理石装饰板具有天然大理石逼真的装饰效果，还摒弃了天然大理石的各种天然缺陷，是许多人喜欢安装的一种板材。广泛应用于家装背景墙、墙壁、墙裙、酒店、宾馆、商场等内墙面装饰工程场所。

PVC imitation marble decorative board has a realistic decorative effect of natural marble, and also eliminates various natural defects of natural marble. It is a type of board that many people like to install. Widely used in interior wall decoration engineering places such as home decoration background walls, walls, wall skirts, hotels, hotels, shopping malls, etc.



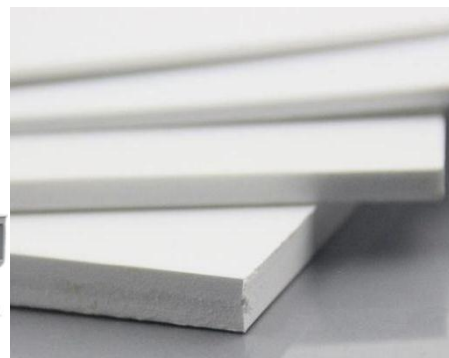
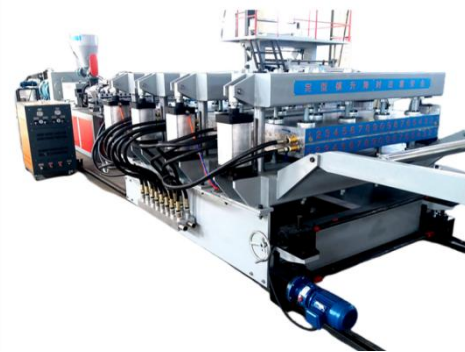
PVC/WPC 发泡板生产线

PVC/WPC foam board production line



PVC 广告板，其化学成分是聚氯乙烯（Polyvinylchloride）。广泛应用于客车、火车车厢顶棚、箱体芯层、内部装潢用板、建筑物外墙板、内装饰用板、网板印刷、电脑刻字、广告标示等。

PVC advertising board, has a chemical composition of polyvinyl chloride. Widely used in passenger cars, train car roofs, box core layers, interior decoration panels, building exterior wall panels, interior decoration panels, ceiling panels, screen printing, computer engraving, advertising signs and so on.



PP 建筑模板生产线

PP building formwork production line



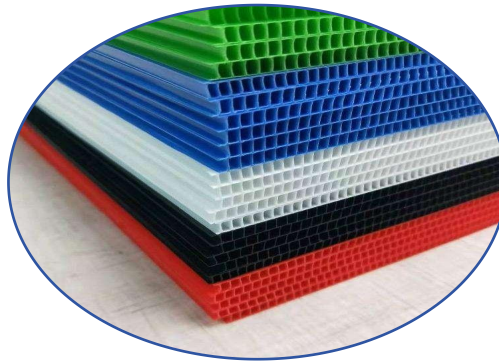
PP 塑料建筑模板,具有可钉、锯、粘、加工容易、可反复使用、易回收, 具有防火、防潮、环保、成本低廉、施工简单等特点, 广泛应用于各种现浇注混凝土工程, 是钢模板、五层板、九层板、竹木模板的替代品。

PP plastic building formwork, which is easy to nail, saw, stick, process, reuse, and recycle. It has the characteristics of fire prevention, moisture prevention, environmental protection, low cost, and simple construction. It is widely used in various cast-in-place concrete projects and is a substitute for steel formwork, five layer board, nine layer board, and bamboo wood formwork.



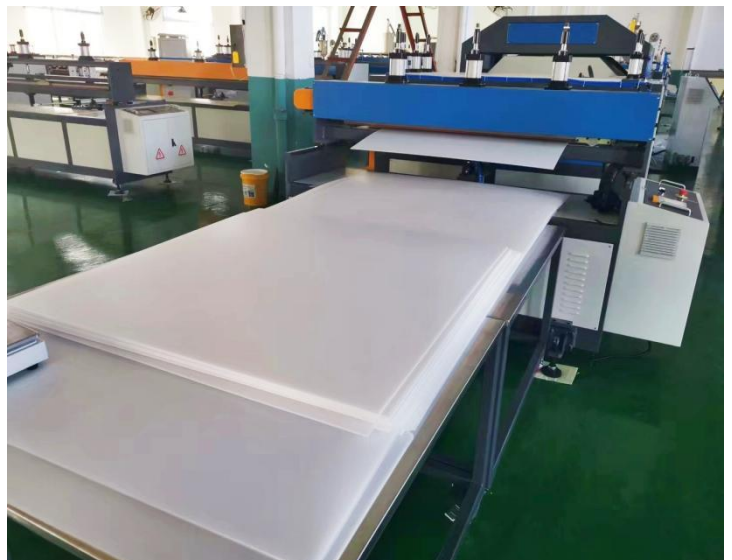
pp 中空格子板生产线

PP Hollow grid board production line



PP 中空格子板设备是一种用于生产 PP 中空格子板的关键设备，也被称为 PP 空心板设备或 PP 中空板生产线。PP 中空格子板是一种轻质、高强度、耐腐蚀的板材，广泛应用于建筑、包装、广告、农业等领域。

PP hollow grid board equipment is a key equipment used for producing PP hollow grid boards, also known as PP hollow board equipment or PP hollow board production line. PP hollow grid board is a lightweight, high-strength, corrosion-resistant board widely used in construction, packaging, advertising, agriculture and other fields.



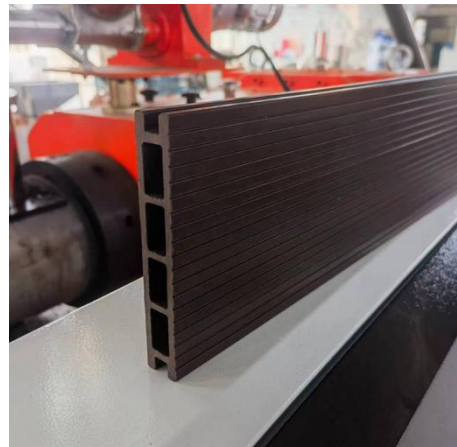
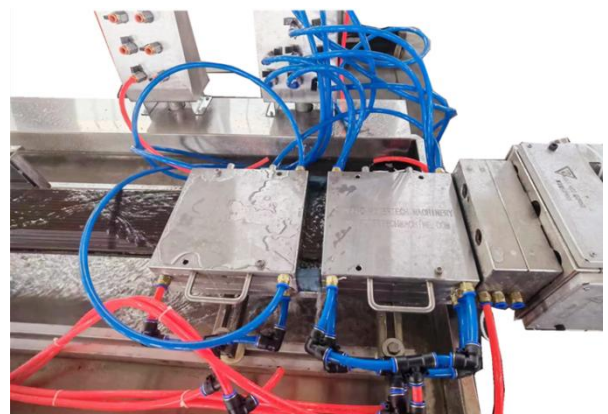
PE/PP/WPC 木塑地板生产线

PE/PP/WPC wood plastic flooring production line



PE/PVC 木塑板，它的基础材料为木材，是由热塑性高分子、加工助剂和木材相互混合均匀之后，再将它放进模具设备里面进行加热处理，挤压而成的一种高科技技术环保的材料，是一种新型的复合材料，同时具备有塑料和木材两种材料的特点和性能。

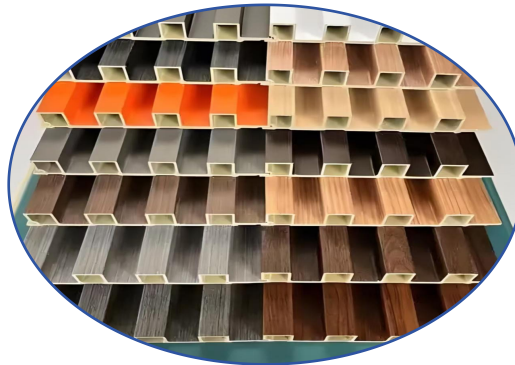
PE/PVC wood plastic board, is a high-tech and environmentally friendly material made from wood, which is a mixture of thermoplastic polymers, processing aids, and wood. It is then heated and extruded into a mold equipment. It is a new type of composite material that possesses the characteristics and properties of both plastic and wood materials.





长城板生产线

Great Wall board production line



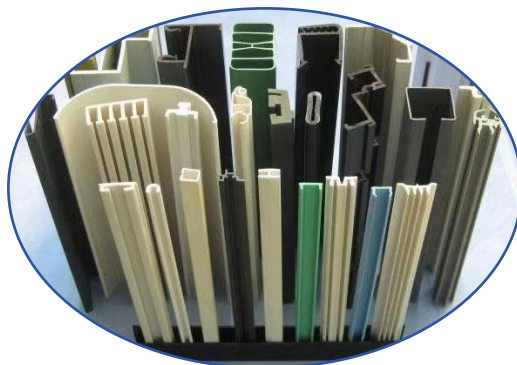
长城板生产线是一套专门用于连续生产“长城板”（也称为凹凸板、波浪板、V型板）这种特定形状建筑装饰板材的自动化或半自动化设备系统。这种板材因其横截面呈现类似长城垛口的凹凸起伏造型而得名，广泛应用于室内外墙面装饰、吊顶、广告背板、隔断等领域。

The Great Wall panel production line is an automated or semi-automated equipment system specifically designed for the continuous production of "Great Wall panels" (also known as concave-convex panels, wavy panels, or V-shaped panels), which are architectural decorative panels of specific shapes. This type of board is named for its cross-section presenting a concave-convex and undulating shape similar to the battlements of the Great Wall. It is widely used in interior and exterior wall decoration, ceilings, advertising backboards, partitions and other fields.



PVC 型材生产线

PVC profile production line



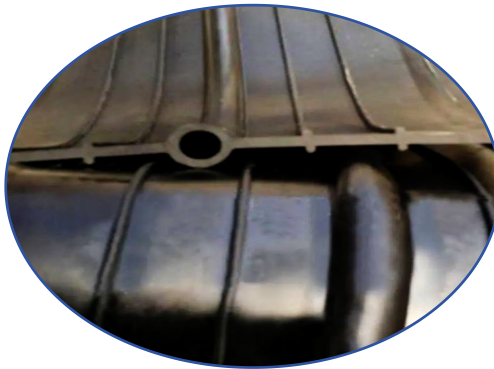
PVC 型材生产线主要用于 PVC 或 WPC 门窗型材、宽幅门板、窗板、多孔管材的挤出等直通线（四孔、六孔、七孔、九孔等）对于不同的截面和模具，可以选择不同规格的双平行（锥形）螺杆挤出机，并配以相应的真空校准台、牵引装置、切割装置、倾斜机等。

PVC profile production line is mainly used in PVC or WPC door & window profiled material, wide door plate, window plate, extrusion of multi-holes pipe for passing through lines (four holes, six holes, seven holes, nine holes, etc.) For different sectional surface and molds, twin parallel (conical) screws extruder of different specifications can be chosen together with corresponding vacuum calibrating table, haul-off unit, cutting unit, tilter, etc.



PVC 止水带生产线

PVC waterstop production line



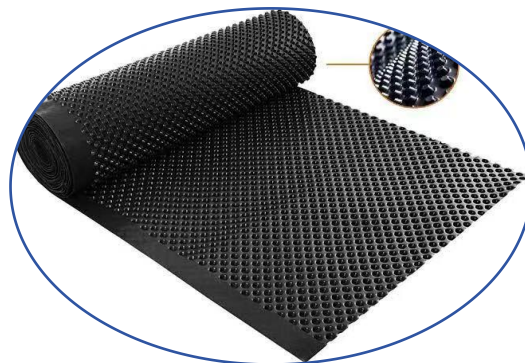
塑料止水带是由聚氯乙烯树脂和各种填料，经混炼，造粒，挤出等工艺制成的防水材料。塑料止水带主要用于在施工缝和浇筑混凝土时的变形缝中与混凝土形成的基础工程。

Plastic waterstop is a waterproof material made from polyvinyl chloride resin and various fillers through mixing, granulation, extrusion and other processes. Plastic waterstops are mainly used for foundation engineering formed with concrete in construction joints and deformation joints during concrete pouring.



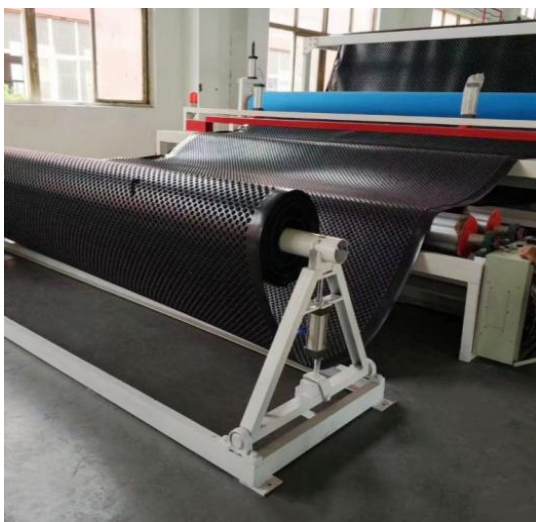
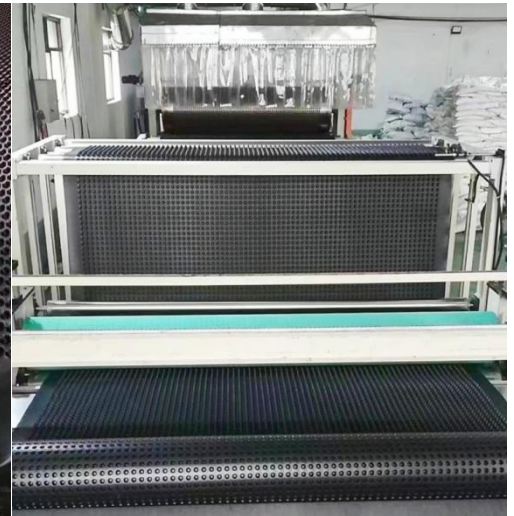
HDPE/PE 排水板生产线

HDPE/PE drainage board production line



圆锥突台的顶面胶接一层过滤土工布，以阻止泥土微粒通过，从而避免排水通道阻塞使孔道排水顺畅。广泛应用于垂直绿化、斜屋顶绿化、足球场、高尔夫球场；机场、道路路基、地铁、隧道；建筑物基础上层或下层、地下室内外墙体和底板以及顶板、屋面防渗和隔热层；水库防渗水、蓄水池、人工湖防渗水等。

The top surface of the conical protrusion is bonded with a layer of filter geotextile to prevent soil particles from passing through, thereby avoiding blockage of the drainage channel and ensuring smooth drainage of the hole. Widely used in vertical greening, sloping roof greening, football fields, golf courses; Airports, road embankments, subways, tunnels; The upper or lower layers of the building foundation, indoor and outdoor walls and bottom plates of the basement, as well as the anti-seepage and insulation layers of the roof and roof; Reservoir anti-seepage, reservoir, artificial lake anti-seepage, etc.



平行双螺杆造粒生产设备

Parallel twin screw granulation production equipment



平行双螺杆挤出机广泛{ [HYPERLINK](#)

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"https://baike.baidu.com/item/PVC%E7%94%B5%E7%BC%86%E6%96%99/10979687?fromModule=lemma_inlink" \t

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Parallel twin-screw extruders are widely used in the filling, blending, modification, reinforcement of rubber and engineering resins, as well as the devolatilization treatment of chlorinated polypropylene and high water absorbent resins; Extrusion of biodegradable masterbatch, polyamide condensation polymerization, and polyurethane addition reaction; Preparation of carbon powder, magnetic powder granulation, insulation materials for cables, sheath materials, low smoke and low halogen flame retardant PVC cable materials, and various silane crosslinking materials.



Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机



PE/PVC 木塑造粒生产线

PE/PVC granulation production line



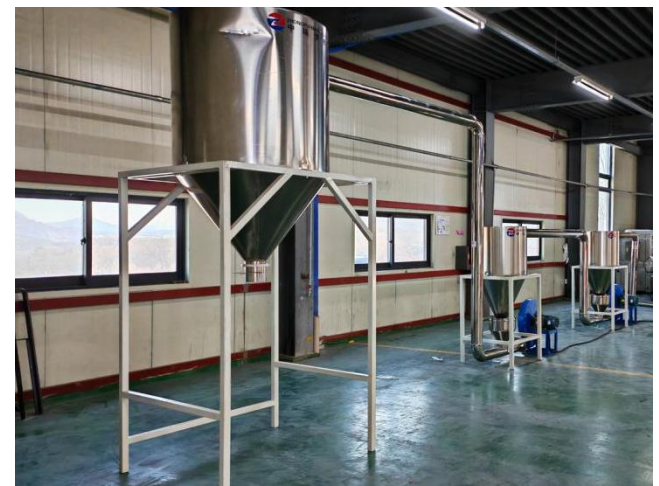
该机组是由平行双螺杆挤出机与相应造粒辅机组成的成套设备，主要适用于 PVC、PE 类原料添加木粉或填充料的造粒。生产的塑料颗粒均匀、密实、美观，辅机采用风送集料，冷却，具有自动化程度高，生产效率佳等特点。

The unit is a complete set of equipment composed of parallel twin screw extruder and corresponding granulation auxiliary



中瑞塑机

machine, which is mainly suitable for the granulation of PVC and PE raw materials with wood powder or filler. The plastic particles produced are uniform, dense and beautiful. The auxiliary machine adopts air-fed aggregate, cooling, and has the characteristics of high automation and good production efficiency.



密封条生产线

Sealing strip production line



PVC 软型材制造机可以制作不同种类的软质 PVC 型材，这是我们日常生活中非常流行的使用，如窗户密封条等。这款 PVC 软型材制造机由挤出机，模具，水冷箱，牵引机，型材缠绕机组成。这条挤出生产线还可以使许多其他材料柔软的型材，如 TPU 材料、TPE 材料、PE 材料。

The PVC soft profile making machine can make different kinds of soft PVC profile, which is very popular used in our daily



Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

life, such as window seal strip, etc. This PVC soft profile making machine consists of extruder, mold, water cooling tank, hauling off machine, profile winding machine. This extrusion line can also make many other material soft profile, such as TPU material, TPE material, PE material.



PVC 天棚条生产线

PVC ceiling strip production line



PVC 天棚生产线具有低消耗，低噪音，运行稳定等特点，由挤出机，模具，真空校准台，牵引机，切割机和堆垛机组成。

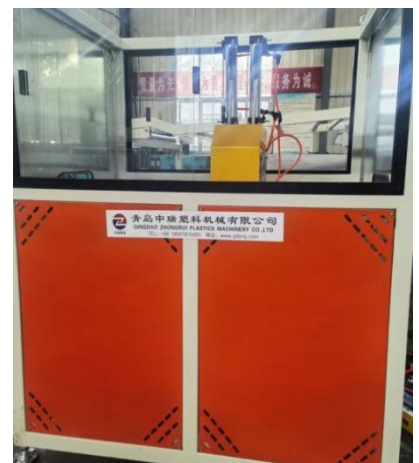
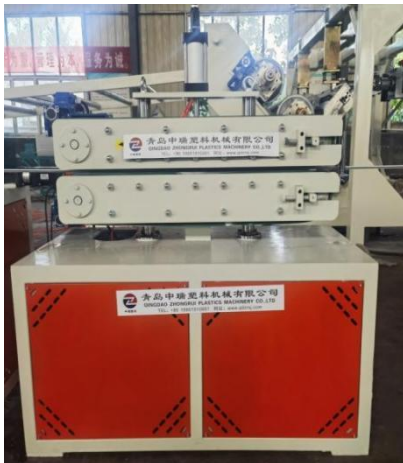
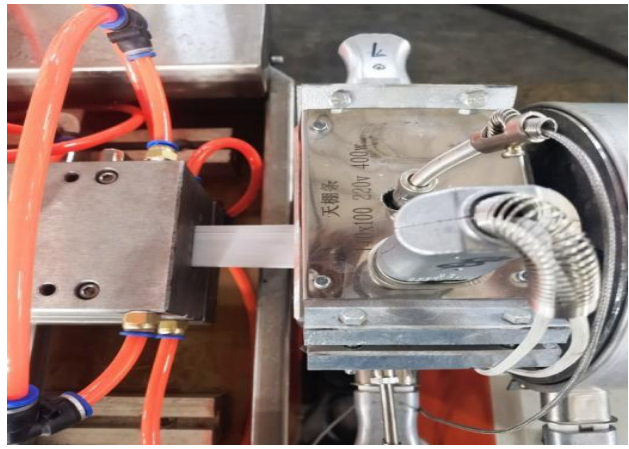


Qingdao Zhongrui Plastic Machinery Co., Ltd

中瑞塑机

广泛应用于天棚、包装板、地板、装饰材料等。

The PVC ceiling production line has the characteristics of low consumption, low noise, and stable operation. It is composed of an extruder, mold, vacuum calibration table, traction machine, cutting machine, and stacking machine. Widely used in ceilings, packaging boards, flooring, decorative materials, etc.



PVC 外墙挂板生产线

PVC siding panel production Line



适用于住宅、办公楼、别墅、护墙板。该生产线可配置不同花型的辊筒，更换方便。特殊设计的校准单元和良好的加工经验，使操作简单，延长使用寿命。根据客户要求，还可配备滚压机、打印机、打码机等。

Suitable for residential buildings, office buildings, villas, wall panels. The production line can be configured with different

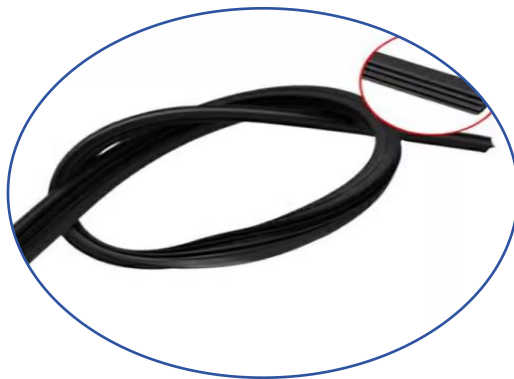


patterns of rollers, easy to replace. The specially designed calibration unit and good processing experience make the operation simple and extend the service life. According to customer requirements, it can also be equipped with rolling machine, printer, coding machine, etc.



PET 包覆设备/雨刮器包覆设备

PET coating equipment/wiper coating equipment



PET 包覆设备/雨刮器包覆设备是汽车雨刮配件的专用生产设备，软硬材料共挤，一次性挤出成型，相比传统工艺能显著提高生产效率。挤出机采用专用螺杆，塑化好，挤出稳定。模具采用高速模具结构设计，确保生产线速度快，生产的产品尺寸稳定。

PET coating equipment/wiper coating equipment is a specialized production equipment for automotive wiper accessories. Soft and hard materials are co extruded and formed in one go, which can significantly improve production efficiency compared to traditional processes. The extruder adopts dedicated screws, which have good plasticization and stable extrusion. The mold adopts a high-speed mold structure design to ensure fast production line speed and



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stable product size.



PP 刮粪条生产线

PP scraper production line



PP 刮粪条生产线产量高，刮粪条具有高耐磨性，耐用性，结实稳固，广泛用于各种养殖场。

The PP manure scraping production line has a high output, and the manure scraping strips have high wear resistance, durability, firmness and stability, and are widely used in various breeding farms.



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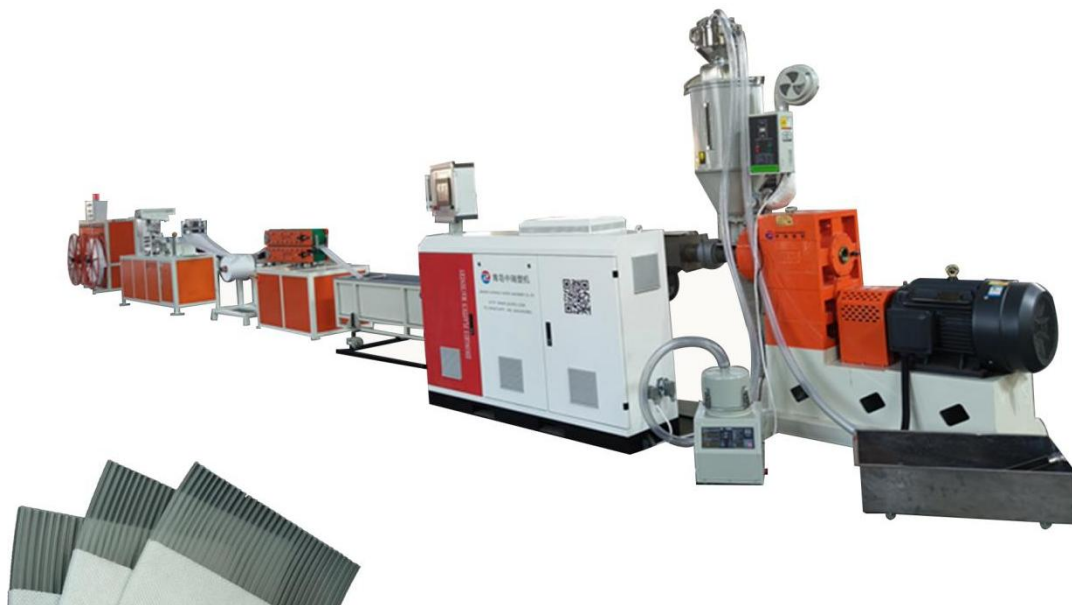
PVD 排水板生产线

PVD drainage board production line



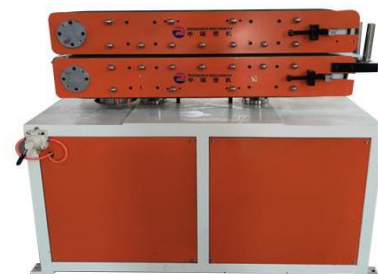
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PVD 排水板是塑料与外层无纺土工布层的复合产品。由于其优异的物理、机械和水力性能，被广泛用于软地改良。PVD 是软地处理的有效解决方案，可最大限度地减少施工后的沉降问题。广泛应用于公路、铁路和机场的建设，建筑及工业综合体的开发等。

PVD drainage board is a composite product of plastic and an outer layer of non-woven geotextile. Due to its excellent physical, mechanical, and hydraulic properties, it is widely used for soft soil improvement. PVD is an effective solution for soft ground treatment, which can minimize settlement issues after construction. Widely used in the construction of highways, railways, and airports, as well as the development of buildings and industrial complexes.



草石隔离带生产线

Grass stone isolation belt production line



草石隔离带，以 PE 为原料，为不同的植物划分区域，防止组织根系之间的混乱生长，划分石头和草坪之间的边界。这是一款专为园艺设计、花园规划和家庭园艺而设计的全新产品。它可以使花园规格整体看起来很漂亮。结构简单，省时省力。

Grass stone isolation zone, using PE as raw material, divides areas for different plants to prevent chaotic growth between tissue roots, and divides the boundary between stones and lawns. This is a brand new product designed specifically for horticultural design, garden planning, and home gardening. It can make the overall garden look beautiful. Simple structure, time-saving and labor-saving.



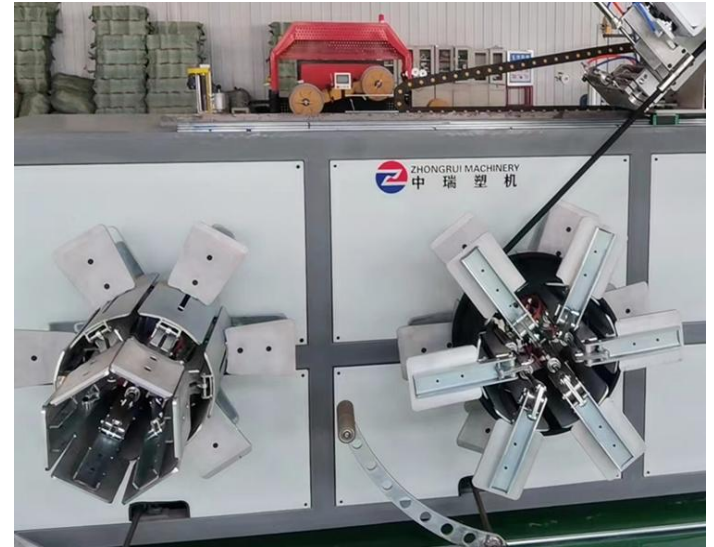
复合滴灌带生产线

Composite drip irrigation belt production line



复合滴灌带生产线主要由主机、模具、冷却水槽、牵引机和收卷机构成，PE 制管机的设计易于操作和维护，非常适合希望简化生产流程的制造商。生产出的 PE 复合渗灌管主要用于园林绿化和农业灌溉工程。

The composite drip irrigation belt production line mainly consists of a host, a mold, a cooling water tank, a traction machine, and a winding machine. The design of the PE pipe making machine is easy to operate and maintain, making it very suitable for manufacturers who want to simplify the production process. The produced PE composite infiltration pipes are mainly used for landscaping and agricultural irrigation projects.



单螺杆挤出机

Single screw extruder



单螺杆挤出机专门用于热塑性塑料，如 PE、PP、ABS、PMMA。可生产管材、片材、板材产品。特殊设计的螺杆和机筒，用于低磨损、高熔融稳定的熔融工艺。先进的电控系统，不同路段故障报警。水冷螺杆和进料槽套筒保证挤出稳定。用于扭矩分配的高性能齿轮箱系统。高效低噪音的冷却系统，确保低噪音工作。

Single screw extruders are specifically designed for thermoplastic plastics such as PE, PP, ABS, and PMMA. Can produce pipe, sheet, and sheet products. Specially designed screws and barrels are used for low wear, high melting stability melting processes. Advanced electronic control system with fault alarms for different road sections. The water-cooled screw and feed groove sleeve ensure stable extrusion. High performance gearbox system for torque distribution. An efficient and low-noise cooling system ensures low-noise operation.



锥形双螺杆挤出机

Conical twin screw extruder

锥形双螺杆挤出机具有塑化性好、熔融均匀、产量高、应用广泛、稳定性可靠等特点，特殊设计的齿轮箱、分配器和加强推力轴承，实现传动扭矩大，运行时间长。电气控制系统：西门子 PLC 自动控制系统，以及 ABB 逆变/变送器、西门子接触器、多个报警系统系统。主要用于软/硬 PVC 管材、PVC 发泡板、PVC 片材、PVC 型材、PVC 屋面瓦、PVC 造粒等聚烯烃制品的加工，特别是塑料/粉末材料的直接加工。

The conical twin-screw extruder has the characteristics of good plasticity, uniform melting, high yield, wide application, and reliable stability. The specially designed gearbox, distributor, and reinforced thrust bearing achieve high transmission torque and long operating time. Electrical control system: Siemens PLC automatic control system, as well as ABB inverter/transmitter, Siemens contactor, and multiple alarm system systems. Mainly used for the processing of polyolefin products such as soft/hard PVC pipes, PVC foam boards, PVC sheets, PVC profiles, PVC trunk lines, PVC roof tiles, PVC granulation, etc., especially for the direct processing of plastic/powder materials.



混料机

Mixing machine

塑料高速加热冷却 WPC/PVC 粉末树脂涡轮混合机，用于 PVC 管材，窗门型材，天花板，电缆线槽，大理石板。适用于塑料、橡胶、化工和食品行业，用于动力或颗粒物料的混合、着色和干燥。

Plastic high-speed heating and cooling WPC/PVC powder resin turbine mixer, used for PVC pipes, window and door profiles, ceilings, cable trays, marble slabs. Suitable for the plastic, rubber, chemical, and food industries, used for mixing, coloring, and drying of power or granular materials.





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破碎机

Crusher



破碎机特点：爪形刀床系统可以分散压力，因此非常适合破碎硬质和原料。刀具采用进口专用工具钢精制而成，刀具间隙可调，使用变钝时可反复拆卸，经久耐用。采用高强度钢丝紧固刀叶和刀座，承载能力强。

Crusher features: The claw shaped cutting bed system can disperse pressure, making it very suitable for crushing hard and raw materials. The cutting tools are refined from imported specialized tool steel, with adjustable tool gaps that can be repeatedly disassembled when used bluntly, making them durable and long-lasting. High strength steel wire is used to fasten the blade and blade holder, with strong load-bearing capacity.



磨粉机

Ginding mill



塑料磨粉机是加工和研磨 PVC、PE、PP、ABS 等热塑性塑料材料的精良机器，产量高，功率低，粉末薄。采用风冷和水冷系统，降低机体内部的工作温度，使研磨材料不易脱自然，也有利于研磨热敏性塑料。具有广泛的可选配件，可根据客户的预算和加工要求开发专业的解决方案。

Plastic grinder is an excellent machine for processing and grinding thermoplastic materials such as PVC, PE, PP, ABS, etc. It has high output, low power, and thin powder. The use of air and water cooling systems reduces the working temperature inside the body, making the grinding material less prone to detachment from nature and also beneficial for grinding thermosensitive plastics. With a wide range of optional accessories, professional solutions can be developed according to the customer's budget and processing requirements.



辅机

Auxiliary machine



冷水机 Water



冷却塔 cooling tower



混色机 color mixer



空压机 Air compressor



烘干料仓 Drying bin



螺旋上料机 Screw feeder