

PLASTIC EXTRUSION MACHINERY

In Gestión de Compras we have a wide catalog of machinery and equipment for plastic extrusion. This material is one of the most important and currently used on our planet, due to its great malleability and variety. That is why in Gestión de Compras we are aware of the great demand there is for all types of plastic processing machinery. Our wide range of machinery includes extrusion machines specialized in specific products (pipes, straws, spirals, etc.), machinery with one and more cavities, as well as compatibility with materials such as PP, PE, PVC, HDPE, PP- R, PA NYLON and many more.

1. Corrugated Pipe Extrusion Line - PVC PP PE HDPE

HDPE / PP / PVC / PE Single Wall Corrugated Plastic Extrusion Line.

This machine can produce single wall corrugated pipe from 5 to 63mm

Specialized in water drainage pipe, electric conduction pipe, etc.

Efficient, experienced and highly advanced technique.

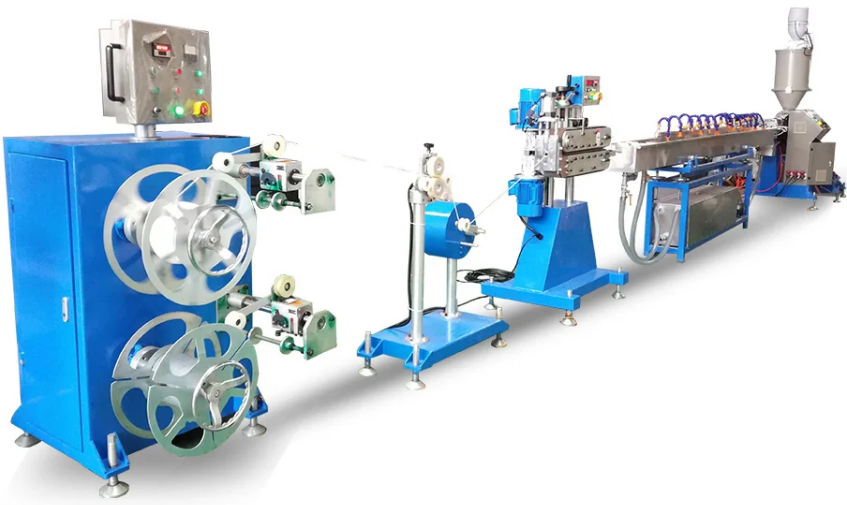
Single-wall plastic corrugated pipes have high temperature resistance, corrosion and abrasion resistant, high intensity, good flexibility, etc.

The tubes made by our machines can be used in fields such as automobile cables, electrical wire passing tubes, machine tool circuits, lamp and flashlight cable protection tubes, air conditioning and washing machine tubes, etc.

This machine has several models available, ranging from a capacity of 10 to 60 kh / h and a speed of 5 to 15 m / min.



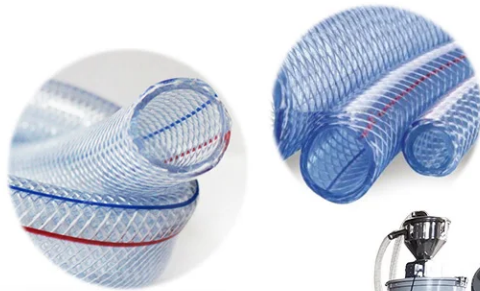
2. Precision Tube Extrusion Line



Injection production with single tube, multi-lumens, shell and other types of precision medical tubes. Materials medical grade PVC, TPU, PP.

The motor has a power of 7.5kw-15kw. The capacity is 2-65kw / hour. Control by PLC or intelligent system by temperature. The cutting method is Servomotor, cut flying blade (with alcohol soak). For more technical specifications, contact Gestión de Compras.

3. PVC fiber reinforced tube extrusion line.



The PVC fiber reinforced pipe extrusion line is mainly composed of the extruder, sterilization water tank, dragging and braiding machine, etc.

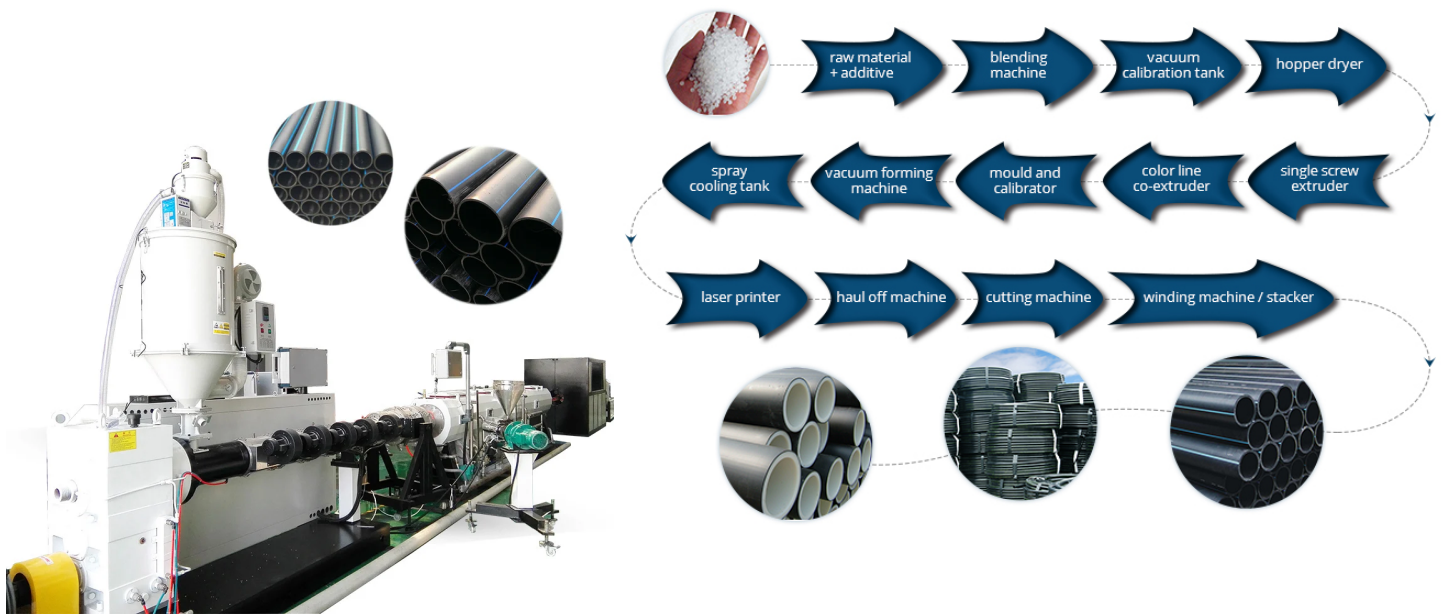
This type of pipe generally has three layers, both inside and outside. The two layers are soft PVC plastic, the middle layer is reinforced with net polyester fiber.

This product has the advantage of pressure resistance, corrosion resistance and durability, widely used in the transportation of gas, liquid and oil, etc. Currently it also has a large number of applications in garden and lawn irrigation. The whole production line is easily usable, efficient, stable operation, reliable performance, and convenient maintenance.



With several models available, the production capacity of this machinery varies between 35 and 80 kg / hour. The weight of the line is 4.5 or 6 tons, depending on the model. The motor power is between 39 and 66 KW.

4. PE PP Pipe Production Line



This production line is used to produce very exact small diameter tubes. Especially single wall corrugated pipe whose material is PP, PE, PA, etc. It is a new product designed by ourselves on the basis of many years' experience in pipeline machinery production and advanced technology export.

Capacity: single screw extruder, suitable for processing PE resin with high capacity, max. 1000 kg / h.

Diameter: from 16 to 630 mm.

Production: from 120 to 900 kg / hour.

Energy: from 110 to 535 KW.

It adopts advanced design, with safe production technology, with CE certificate.

The extrusion line can be used for PE large diameter gas and water pipes which have excellent rigidity and flexibility, heat resistance, aging resistance to creep deformation, thermal coupling, etc.

5. PVC Double Tube Extrusion Line



Double PVC pipe manufacturing line that includes the following devices:

1. Extruder
2. Pressure head
3. Vacuum water tank
4. Double drag machine
5. Double cutter
6. Double stacker

PVC double tube extrusion line is developed with advanced technology from Europe, the main machine is conical twin screw extruder, which is equipped with double tube single control stainless steel spray calibration tank that avoids waste when one tube is adjusted and the other is affected. It also includes the automatic single control double wire drawing machine and slitting machine, which combine with front double gauging technology to make operation more flexible and allow you to enjoy the economic benefit of double the control. separate - extrusion of tubes.

Capacity: from 120 to 1100 KG / hour.

Diameter: from 16 to 800 mm.

Maximum speed: from 3 to 15 m / min.

6. PVC steel reinforced pipe production line



The pipe wall is transparent soft PVC with spiral steel wire inside.

PVC steel wire pipe is suitable for high pressure or explosive gas and liquid conveying, heavy suction and liquid slurry supply. PVC steel wire reinforced pipe is mainly used for chemical industry, construction and vacuum pumps.

If you want to print letters on the surface of the pipe, you can choose ink printing machine or spray code machine.

Material: Soft PVC granules and other special auxiliary materials.

Easy operation, advanced design, energy conservation, environmental protection, high capacity. Special machines used in PVC steel wire reinforced pipe production line.

Production from 20 to 200 kg / hour. Power from 30 to 110 KW. Diameter from 10 to 200 mm.

7. PPR (Polypropylene) Pipe Machine



The PPR pipe machine is mainly used in the pipe production with PPR resin material, which is also used in PB PC PE resin.

The pipe is mainly used in the fields of water supply and hot water for residents and industry.

Various models available.

Diameter: from 20 to 160 mm.

Maximum capacity from 150 to 220 kg / hour.

Power: from 125 to 210 KW.

8. Drinking Straws Machine (PP)



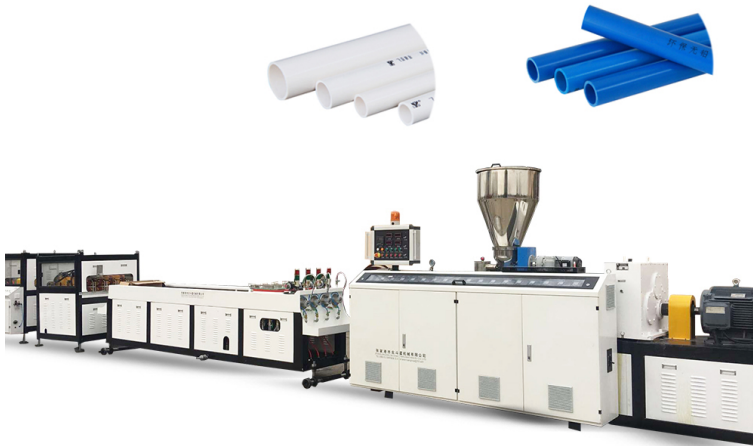
This PP straw machine can be used, in addition to producing straws, for other products such as plastic cotton buds. The production capacity is about 1000-1800PCS / h.

If you change the mold, it can also be used to make other products such as lollipop sticks, etc.

This extrusion line uses polypropylene (PP) as raw material, with the use of masterbatches, after melting, extruding, shaping, cooling, pulling, cutting and then producing the desired pieces (one, two or three colors). It is composed of main body, tooling, cooling system, cutting machine, with a variety of models such as single color extrusion line, two and three color co-extrusion line, etc.

Production: from 25 to 45 kg / h. Power: from 20 to 28 KW. Diameter: Φ 1 to 14 mm.

9. PVC pipe machine



The PVC pipe extrusion machine line includes parallel twin screw extruder, conical twin screw extruder, etc. Produces a large number of small and large tubes in a short amount of time. Twin conical extruder supports high filler load compared to parallel twin screw extruder.

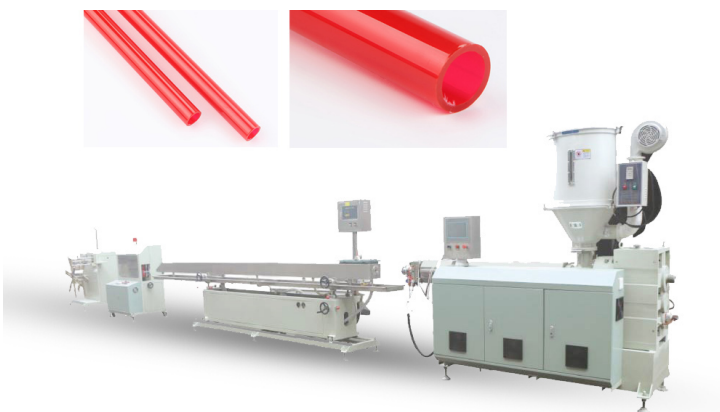
Our range includes extruder, vacuum spray tank, die head, drag unit, cutting unit, double tube die head, double tube vacuum tank, double tube drag unit, double tube cutting unit and high speed mixer and cooler.

The PVC pipe machine is mainly used in making plastic PVC pipe with various diameter and wall thickness. Various models available. Applications: Engineering of tap water pipes and supply and drainage of civil and municipal water.

Maximum capacity: from 120 to 1100 kg / hour.

Maximum speed: from 1.2 to 3 m / min.

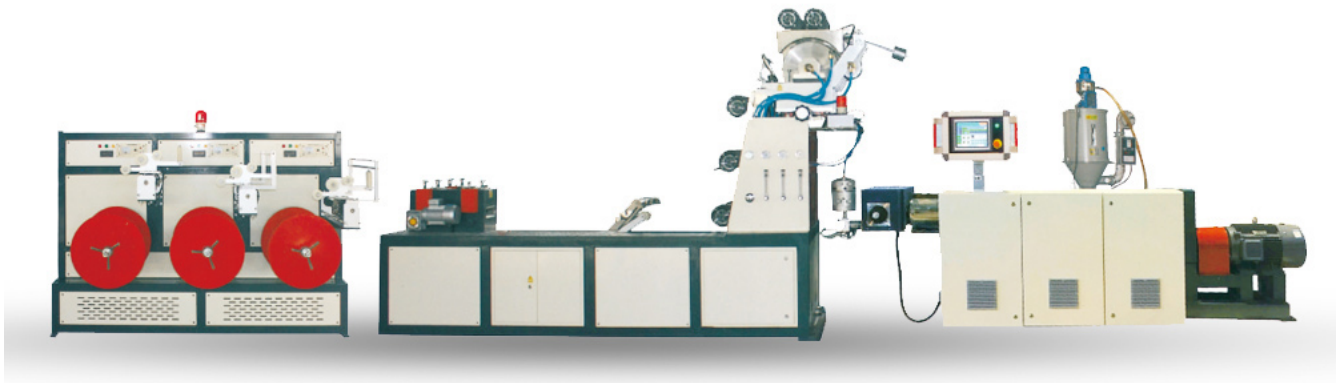
10. Nylon PA Tube Extrusion Line



PA nylon tube extrusion line used to produce all kinds of different size PA nylon soft tube, applied for instrument coil, air conditioning pump, irrigation control system, textile factory, food factory, transmission tube fuel for vehicles and vaporizers, vacuum system, vibration isolating tube.

Suitable material such as PA6 PA66 PA11 PA10 PA12.

11. Drip Irrigation Pipe Making Machine



The production line of the Irrigation Pipe Making Machine adopts high-efficiency extruder, fast net changer, and screw plastic blowing head.

Specially designed vacuum compounding die to ensure compound density and precision.

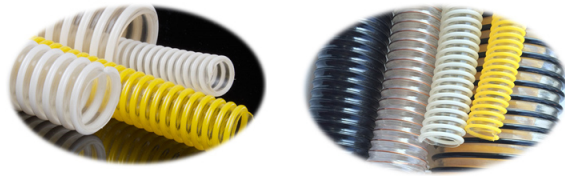
Unique measuring device and scale puff to ensure the accuracy of the products.

The extruder and drag adopt AC frequency conversion technology.

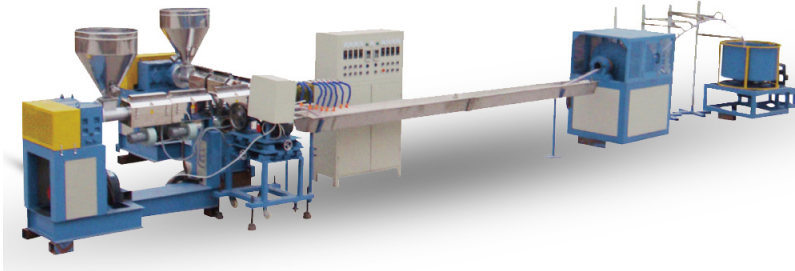
The temperature is adjusted by a temperature control meter to realize PID control.

The production is controlled by PLC, all technical parameters can be set on the touch screen.

12. PVC Spiral Flexible Pipe Extrusion Line



PVC spiral reinforced pipe, also called grid pipe or spiral suction hose, has characteristics such as pressure resistance, corrosion resistance, negative pressure resistance, bending resistance, and good operability.



This spiral and flexible tube making machine has advanced design, high speed (5-15 meters / min), and capacity to produce tubes with diameter between 6-120 mm.

Product application: It is suitable for installing pipes for gas, liquid and powder. It is mainly applied in industry, agriculture, advertising water irrigation field, etc.

13. PVC and WPC Profile Extrusion Line (Wood Plastic Composite)



This production line is designed for extrusion of PVC plastic window and door profiles and cross-section cable tubes, aluminum-plastic composite profiles, etc. PVC profiles are widely used in the construction, home decoration and office industries.

This line features stable plasticization, high performance, low cutting force, long service life, and other advantages.

The production line consists of a control system, conical twin screw extruder or parallel twin screw extruder, extrusion die, calibration unit, drag unit, film coating machine and stacker. The extruder is equipped with AC inverter (ABB or Eurotherm drive), imported temperature controller (RKC, Japan). The pump of the calibration unit and the reducer of the drive unit are famous brand products. After a simple die and screw change, it can also produce other products such as foamed products and WPC products.

It is a new eco-friendly product, which combines wood dust and plastic dust in a certain percentage. PVC WPC products have the characteristics of lower pollution, antacid and alkali-proof, waterproof, anti-rot, non-poisonous and odorless, high-strength, and can be recycled, etc.

14. Artificial Marble (PVC) Profile Extrusion Line



The marble imitation PVC profile is wear-resistant and green environmental protection, formaldehyde-free, non-toxic, harmless, and radioactive contamination.

PVC imitation marble profile is waterproof, moisture-proof and non-deformed, corrosion and acid resistant.

This kind of PVC marble imitation profile machine is mainly used to produce the wall panel, background wall, window frame, door frame, plinth, elevator door frame, etc., special for public and private decoration.

15. PVC window and door profile extrusion line

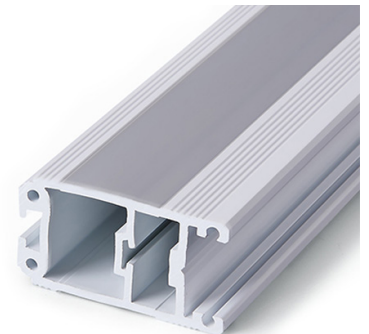
The PVC profile extrusion line is widely used in the production of plastic window profiles, door frame, PVC trim, plastic roof panel, etc.

Machine feature:

Twin screw conical extruder, suitable for processing PVC powder raw materials.

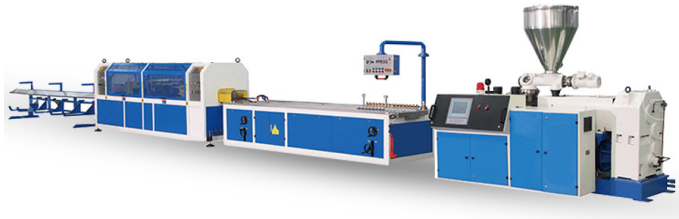
Changing molds to produce many different types of PVC profiles.

Auxiliary machine: Mixer unit, Mold, Vacuum calibration table, Drag machine, Cutter and stacker.



Maximum capacity from 100 to 300 kg / h. Profile width from 108 to 600 mm.

16. PE PP WPC Profile Extrusion Line



WPC profile is a new building and furniture material of PVC, PP, PE, plastics and a variety of mixed plant fibers, vacuum extrusion sizing for drilling, planing, nailing, sawing, pasting, printing and other construction methods of wood.

It is waterproof, resistant to moisture, corrosion, mildew, non-deformation, flame retardant and recyclable

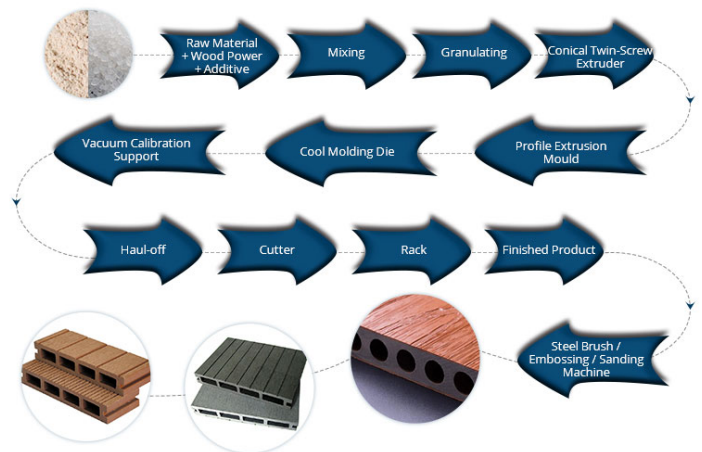
Various models available.

Motor power: from 22 to 110 KW.

Capacity: from 70 to 300 kg / h.

Maximum speed: 5m / min.

For more technical specifications, contact Gestión de Compras.



17. Plastic Glazed Roof Tile Extruder Machine



PLC control and adaptive electric-magnetic heater, which can save 40% -60% electric power for customer.

Screw and barrel material: 38CrMoA1A, nitrogen quenched having a layer thickness of 0.4-0.7mm; Screw cylinder hardness:> 940 HV;

Integral plasticizer element, ensures the plasticizing effects of the materials.

Product application: Glazed tiles are widely used in garden style factory, tourist places, pavilions, hotels, family buildings. etc.

Width: from 880 to 1040 mm. Thickness: from 2 to 4 mm. Production: from 390 to 420 kg / h.

18. PVC WPC Foam Board Extrusion Line



PVC WPC foam board extrusion line is used for PVC WPC foam board, with advantages of constant capacity and energy conservation.

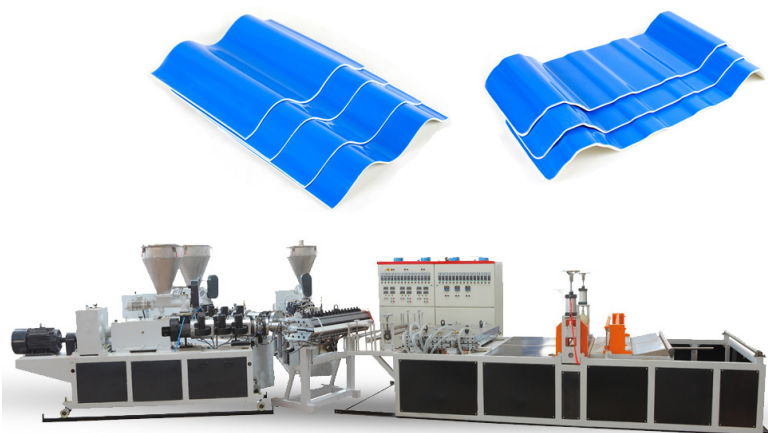
Using international advanced CAD design software, 38CrMoAlA alloy steel with superior quality metal and surface coating, special mixing material function, and high plasticizing ability of screw and barrel.

The screw core cooling system uses a hot oil controlled constant temperature system, so that the material can be well plasticized; And the barrel uses the vacuum exhaust type, so that the moisture content can be fully volatilized and maintain the product quality.

Drive motor with advantages of constant output and large torque, and also uses ABB or England Eurotherm speed reducer with the advantages of large amount of extrusion and high efficiency.

Capacity: from 350 to 600 kg / h. Width: from 915 to 1830mm. Thickness: from 5 to 30mm.

19. PVC corrugated tile extrusion line

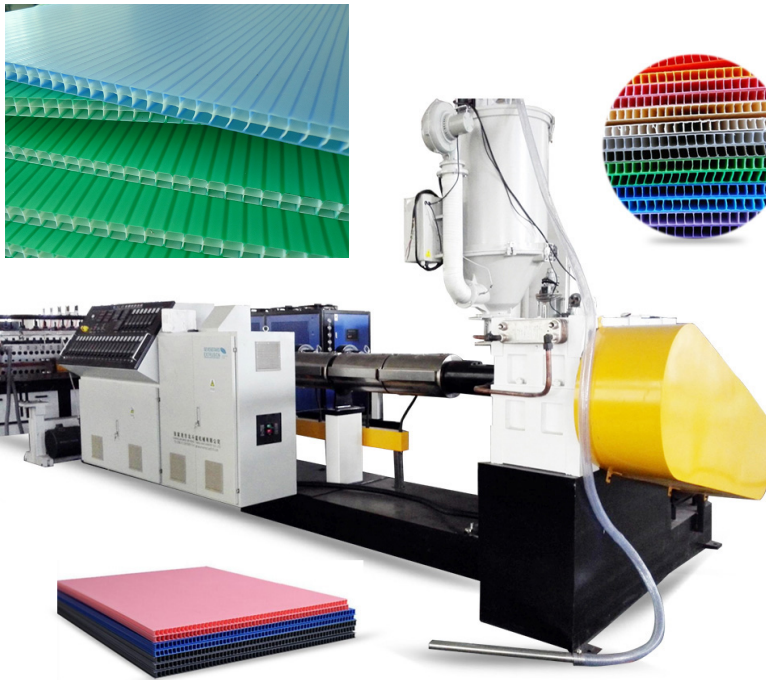


The PVC corrugated roof tile extrusion line consists of a twin conical screw extruder and the corresponding grading, dragging and cutting machine.

Advantage:

Environment: safe and environmental without PVC component. Fatigue: resistance to fatigue and long service time. Non-slip: safety due to the non-slip. Elasticity: permanent elasticity makes feet feel good Sound absorption: low foot sound. Clean - easy to clean and maintain.

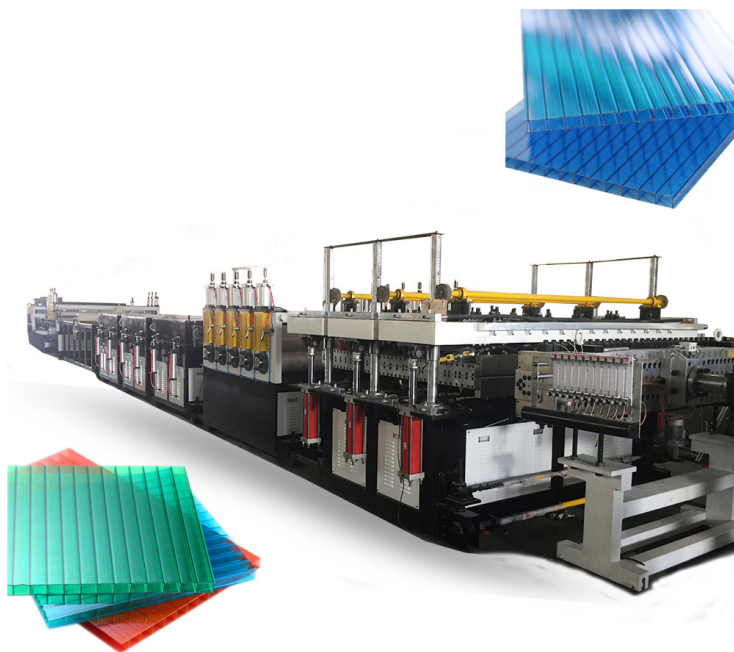
20. PP PE Hollow Sheet Extrusion Line



The complete line is applicable to produce PP / PE hollow sheet, the width of the board is 1220-2600mm and the thickness is 2-25mm. The products are widely used for construction, decoration, advertisement placement, road noise insulation and packaging.

The PP hollow profile board serves as a packing box which has the characteristics of light weight, high strength, moisture-proof and antiseptic, instead of cardboard.

21. PC Hollow Sheet Extrusion Line



100% recycled material can be added. High speed screw, low power consumption with high rotating speed to match the gear pump and stable pressure, the output capacity is 25% higher than other brand extrusion lines due to the special design of the training plates.

Specially designed cooling system for all forming plate sections and uniquely designed vacuum system for each forming plate section

Special design temperature control oven with cross heat shrink, which is much easier to control than other brand's extrusion lines.

The dies are designed to save UV, production costs and we have the full set of production techniques.

Width: from 1300 to 2100mm. Thickness: from 2 to 25mm.

22. PET Strip Making Machine



Strong tensile strength, elongation is small.

Strong temperature: melting point 260 degrees, 120 degrees below the use of deformation.

Good economic benefits, 100% recycled PET granules after recycled washing.

PET bands are used for large and heavy material packaging, such as: glass, steel, stone, brick, etc., it is more suitable for long-distance transportation.

23. PVC Artificial Marble Sheet Extrusion Line



Mirror effect surface, with a strong saturation of the product surface, a similar ceramic stone transparent glass layer, achieving a three-dimensional marble effect.

Can be used recycled materials, low cost, realism of marble material, no radioactive elements; super wear-resistant, scratch-resistant; light and non-slippery surface, but also non-slip; waterproof, fire prevention, etc.

Width: 600 to 2500mm. Thickness: 0.5-30mm.

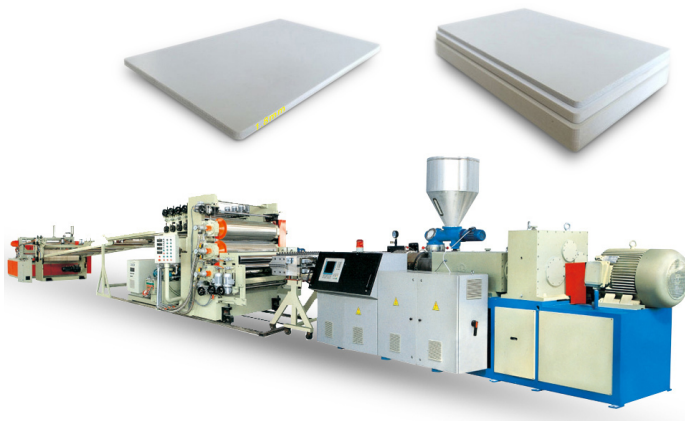
24. PP Strapping Machine



Good plasticity, strong tensile strength, bending fatigue resistance, low density, good tensile impact, easy to use, etc., is now widely used in various fields.

Bright color, yellow and white and other colors, according to customer requirements and samples, production printing, printing logo and other special packaging belt. Capacity: 50-100 kg / h. Width: 5-19mm adjustable. Thickness: 0.5-1mm adjustable.

25. WPC PVC Free Foam Board Extrusion Line



High performance PVC free foam board making machine is composed of special twin screw extruder, die and post equipment, our company can provide the formula and processing technique. This machine has the characteristics of high performance, stable extrusion, high foam, smooth and wearable surface. By equipping itself with the printing machine, laminating machine or hot stamping machine, this machine can produce different kinds of artificial wood products, so this machine has a very wide application range.

Product application:

Architecture: such as building wall board, decoration board, housing, office, public building interlayer, commercial decoration shelf, dust-free room board, ceiling plate, etc. Advertising: such as screen printing, computer letters, bulletin board, etc.

Industry: chemical industry, thermoforming. For refrigerator, to maintain temperature, for the protection of the environment.

Other applications: such as mold board, sports equipment, breeding equipment, seashore moisture-proof installation, waterproof material, art material, various interlayers, etc.