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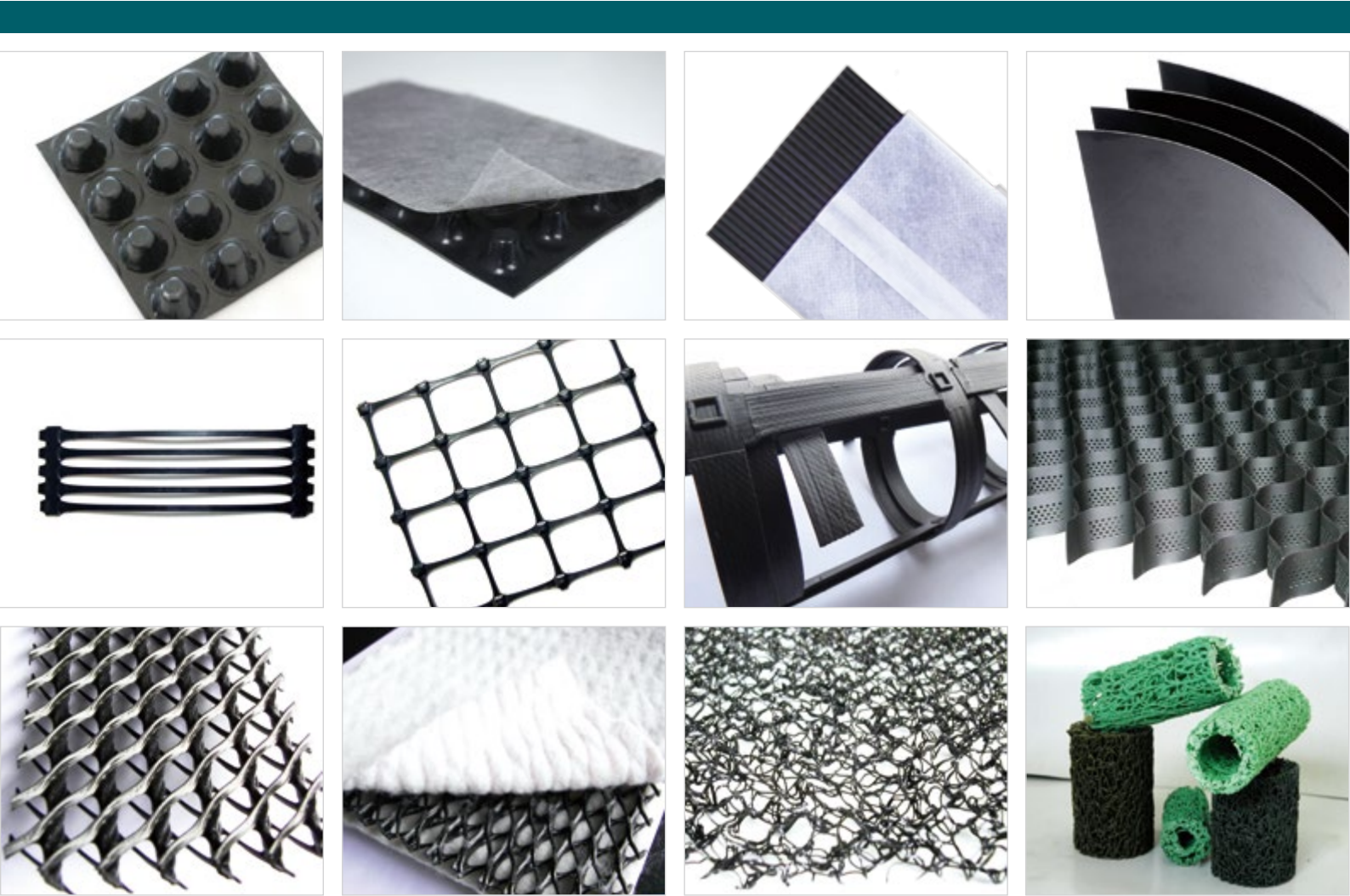
# JUNSHENG

## PLASTIC GEOSYNTHETICS MACHINERY



JIAXING JUNSHENG MACHINERY CO., LTD.

# JUNSHENG PLASTIC GEOMATERIALS MACHINERY



## CONTENTS

Company Brief .....	1
Enterprise Honor .....	2
HDPE Drainage Panel Production Line .....	3
Double Color Drainage Panel Production Line .....	5
Optional Parts for Full-automatic Controlled Line .....	9
Plastic Drainage Belt Production Line .....	13
PVC Capillary Drainage Panel Production Line .....	14
Plastic Geomembrane Production Line .....	15
Plastic Geogrid Production Line .....	17
Plastic Geocell Production Line .....	19
Full-automatic Geocell Welding Machine .....	20
Steel Plastic Composite Geogrid Welding Machine .....	23
Plastic Geonet Production Line .....	24
Safety Fence Production Line .....	25
Anti-Bird Mesh Production Line .....	26
Serve for Global .....	27



# Company Brief

Jiaxing Junsheng Machinery is a comprehensive brand enterprise, integrating with design, development, manufacture, sales and service together. It is specializing in the production of plastic molding machines and auxiliary equipment, packaging machinery, high frequency equipment, ultrasound equipment, drainage plate equipment, drainage plate and welding machine etc. PE drainage plate rolling suction machine has reached the international advanced level, filling the blank of such equipment in China. The production technology and major electronic components come from international brand manufacturers in Japan, Britain, Taiwan and other countries.

We have been struggling to create the first-class products and company image with our strong technical force, excellent equipment, advanced production technology and perfect service attitude. At the same time, we have always been adhering to the business concept of "quality for survival, prestige for development". So our products are well received throughout the country and widely sold to more than twenty countries areas such as Southeast Asia, mideast, South America, Russia and etc, we are deeply trusted by users. We undertake design and manufacture for large-scaled equipment, we can also develop new equipment.

In order to provide users with convenient, quick technical service, we especially employ some professional maintenance staff responsible for after-sales service to users. We always regard product quality as our lifeline, continuously developing efficient, energy saving, high speed, durable products to meet users' satisfaction.



# Enterprise Honor



CE Certificates



ISO Quality System Certificate



Patent Certificates



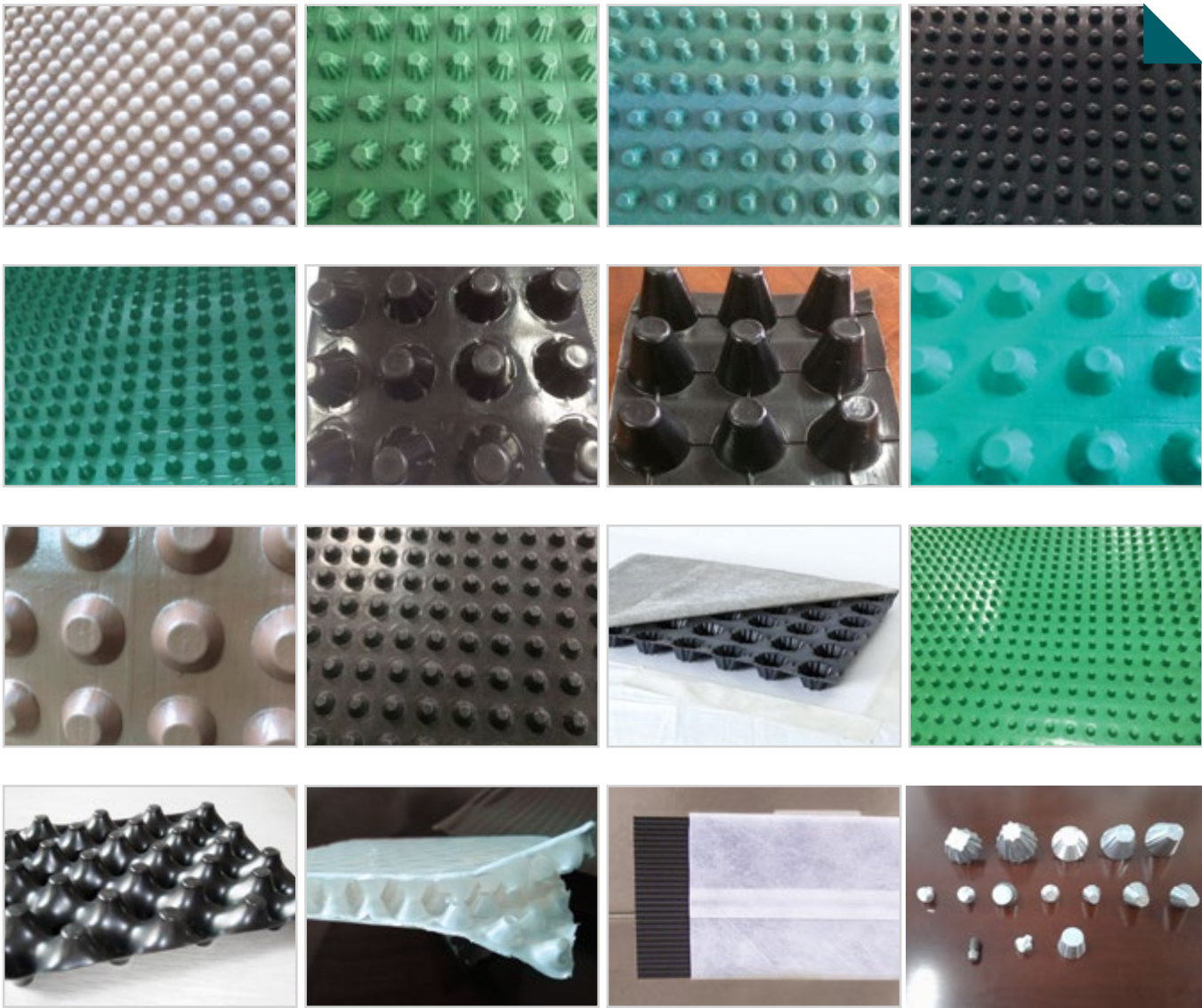
HDPE Drainage Panel Production Line



Brief Introduction

HDPE Drainage Panel Production Line is Junsheng's innovative machinery in China (patent protected). Under unique mechanics design, Junsheng machine has following advantages:

- Convex wall thickness of the circular convex on the drainage panel is well-proportioned.
- Compression strength is 50% higher than similar product, which solves the problem.
- Power saving 30%.
- Higher output
- Same forming roller, with changing different dimples, different sizes will be got.
- With changing mould, round and square shape.
- Drainage board thickness range is 0.5-5.5mm, width up to 5000mm.
- Double color can be produced by another model machine.



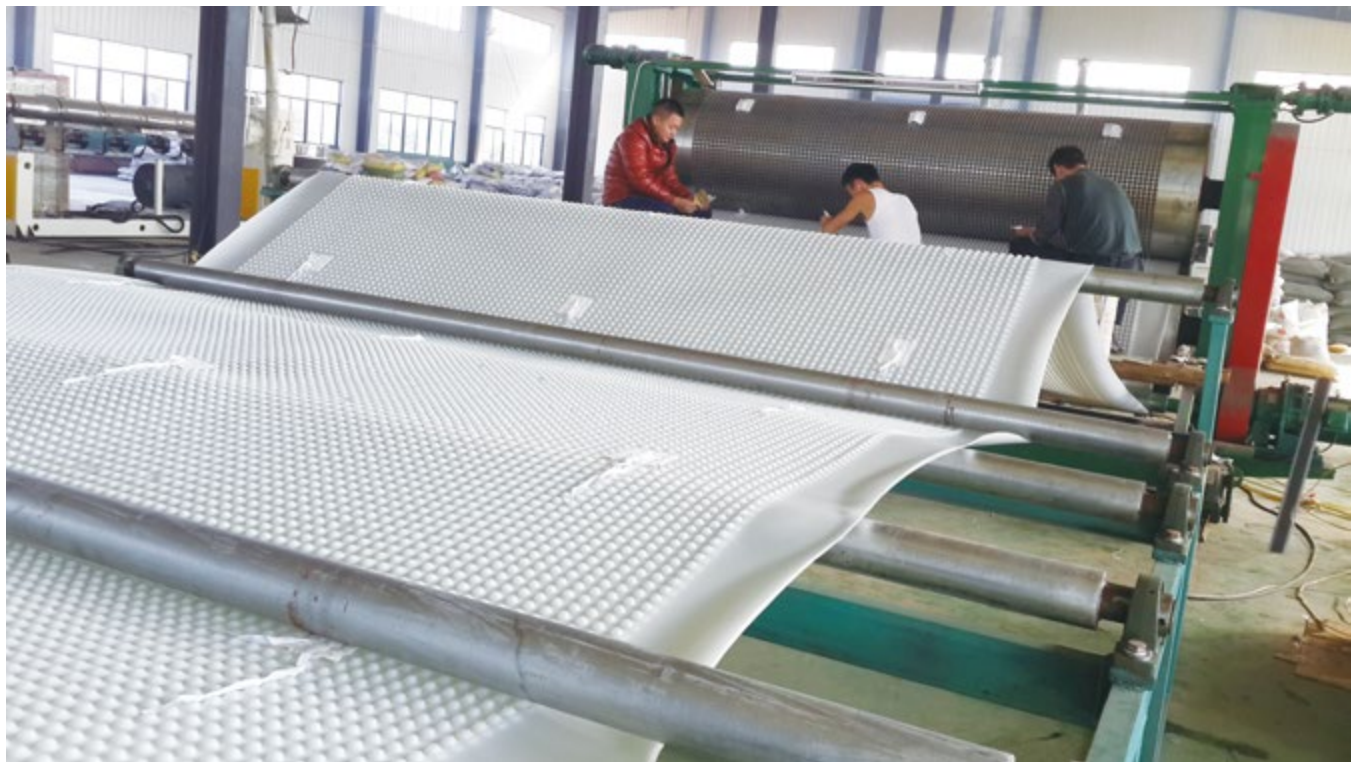
Main Technical Specification


Model		PSB-2000	PSB-3000	PSB-4000	PSB-5000	JS-PSB2000S
Screw dia.	mm	135	150	180	150×2	120×2
L/D ratio	L/D	30:1	30:1	30:1	30:1	30:1
Product width	mm	2000	3000	4000	5000	2000
Product height	mm	8, 10, 12, 15, 18, 20, 25, 30, 35, 40				
Output	Kg/h	400	500	700	1000	500
Line speed	m/min	2-6				
Installed capacity	KW	252	320	410	550	320
Power consumption	KW	132	160	220	300	160
Dimensions (L×W×H)	m	22×4×2.8	22×5×2.8	22×6×2.8	23×6×2.8	22×6×2.8
Total weight	T	16	20	28	35	21

Note:The above-mentioned data is only for your reference and we keep the rights for modification the component and machinery structure.The relevant contents involved in equipment purchase should be subject to the contract.

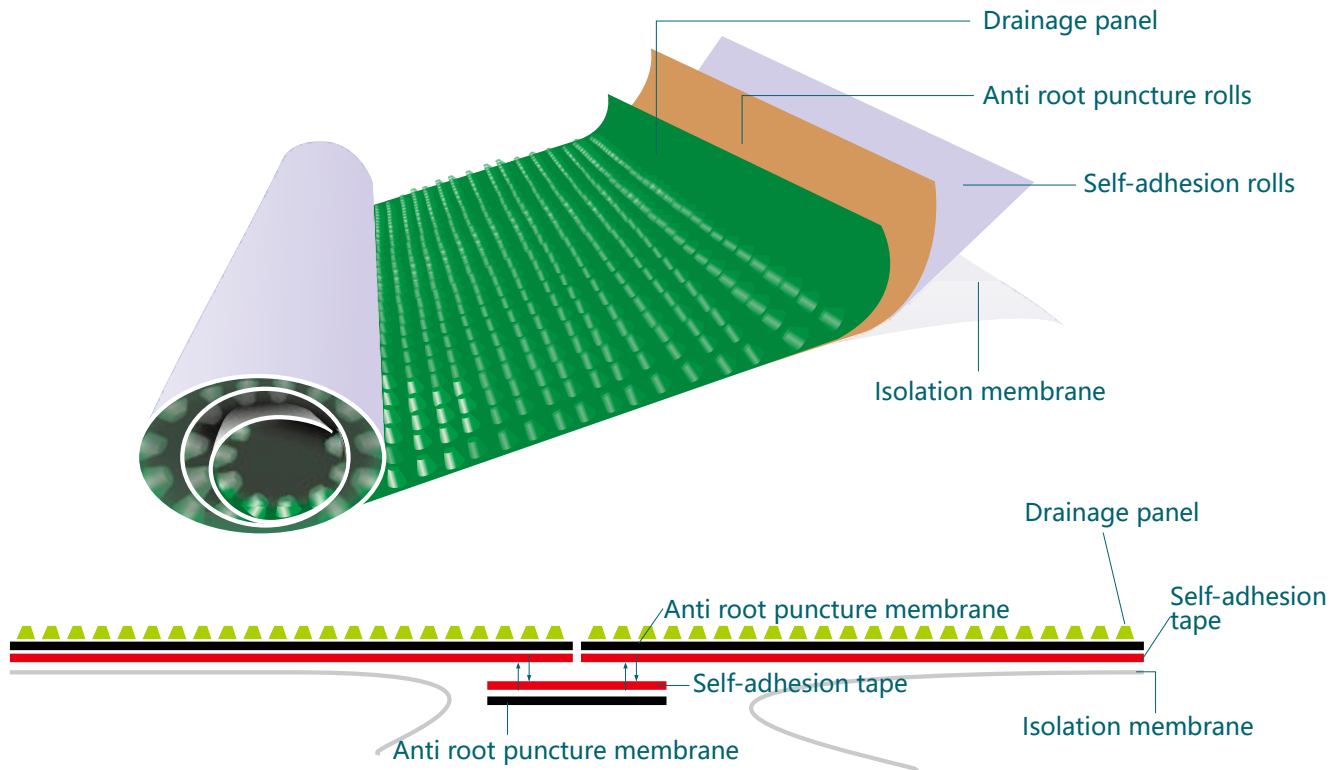


Double Color Drainage Panel Production Line



 New Product  
DFZ-08.10.12.15

4 in 1 Building Root Greening System: drain away water, anti water, self-adhesion, anti root puncture.



High density dimples high strength support drainage panel

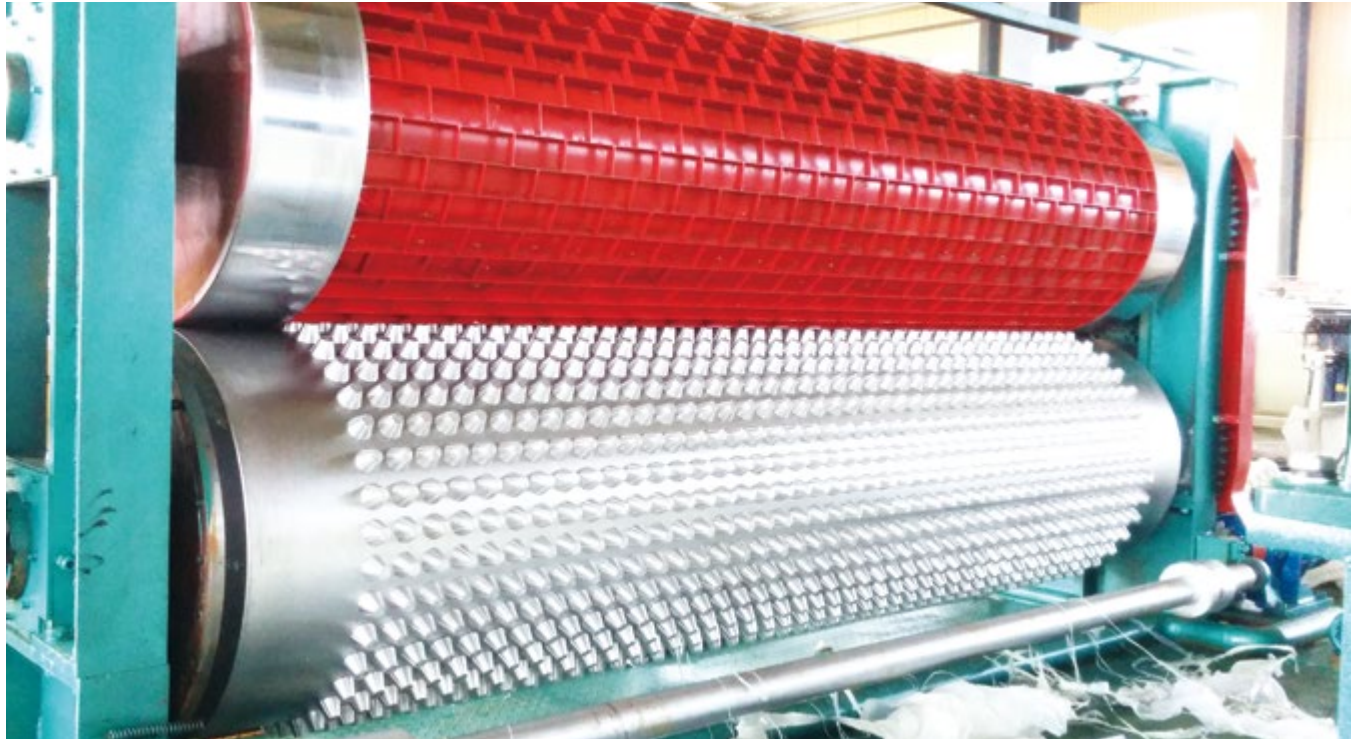


Double color HDPE drainage panel

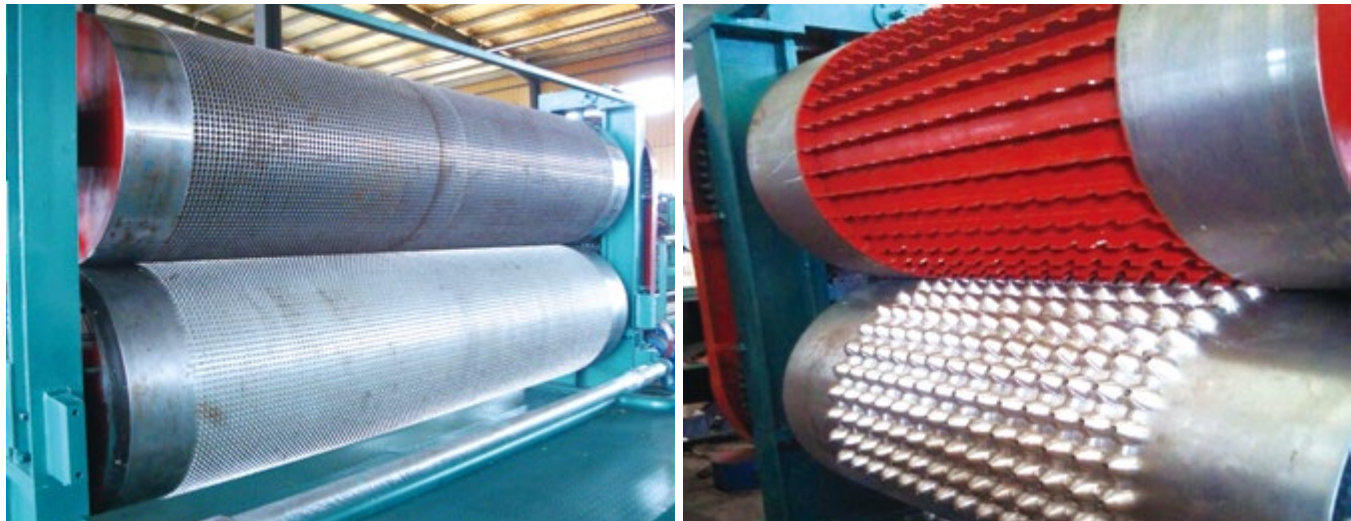


New product under car press test





Forming Roller





Optional Parts for Full-automatic Controlled Line



Components

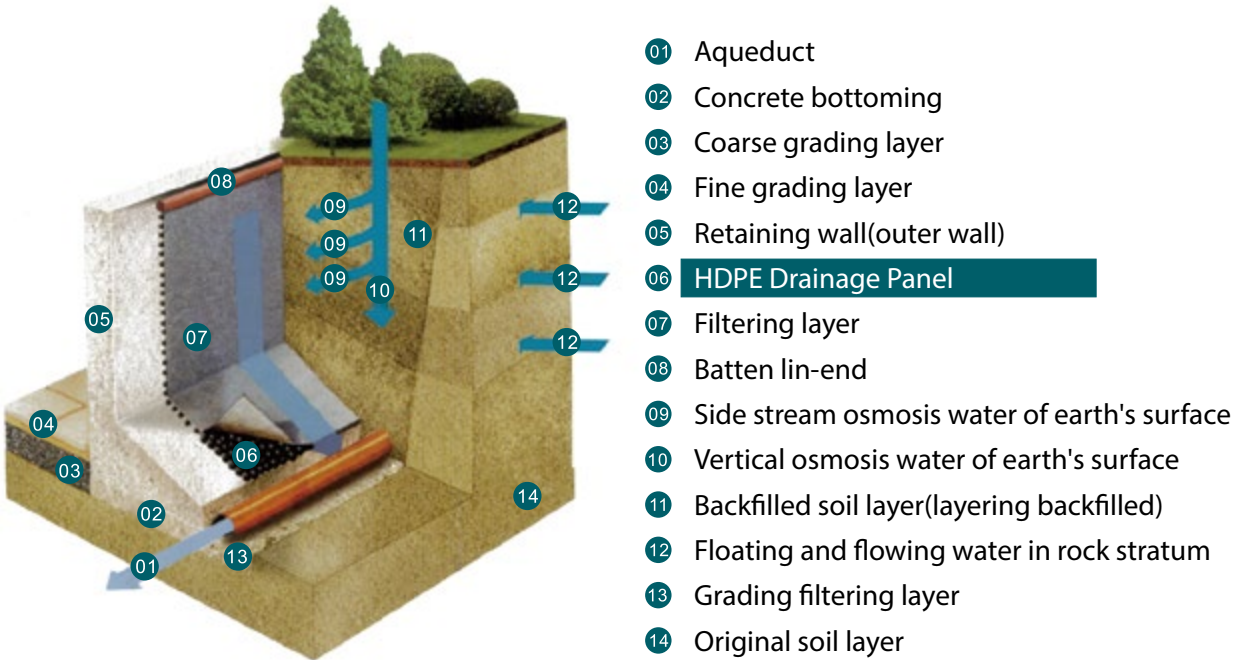


Components

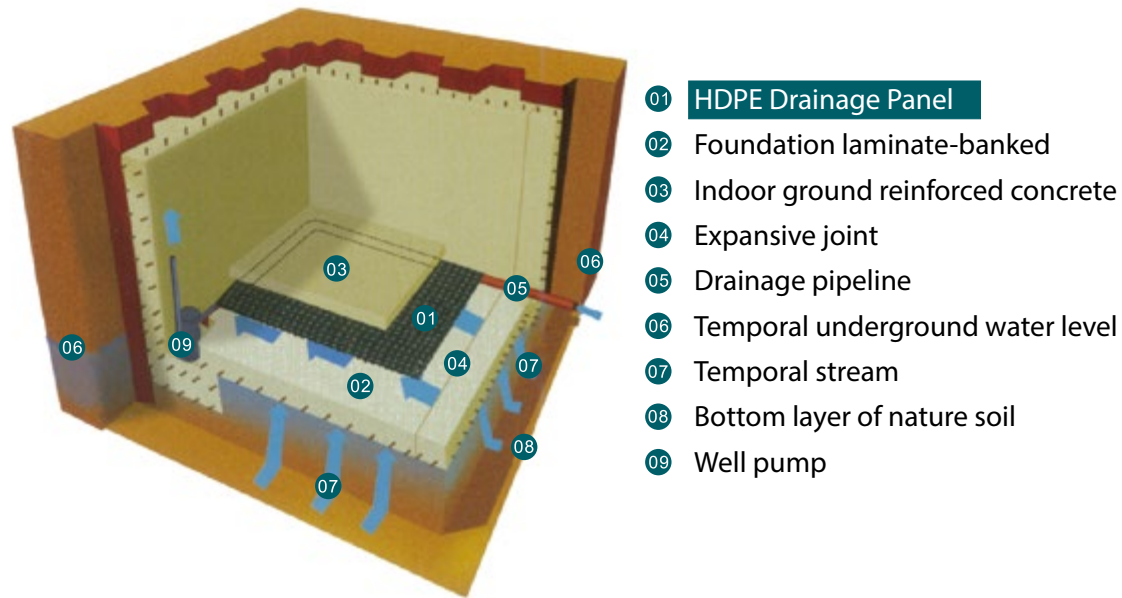




Basement waterproofing and drainage protecting system



Indoor bottom plate of underground construction



Application



- Landscape engineering  
Underground garage roof plant, green roof, football field, golf course, outdoor bathing place, plant in the salt and alkali place, etc.
- Constructional engineering  
Anti-seepage of floor layer in the underground, anti-seepage for building foundation of superstructure sub layer, basement interiors and exteriors layer.
- Traffic engineering  
Tunnel, highway, railroad bed, dam, revetment drainage.
- Municipal engineering  
Metro, road bed, landfill.
- Decoration project  
Moistureproof, sound insulation, damping and threading.
- Punched holes and laminated with geotextile  
The Fabric permits ground water to permeate, yet prevents the adjacent soil from washing through the core.



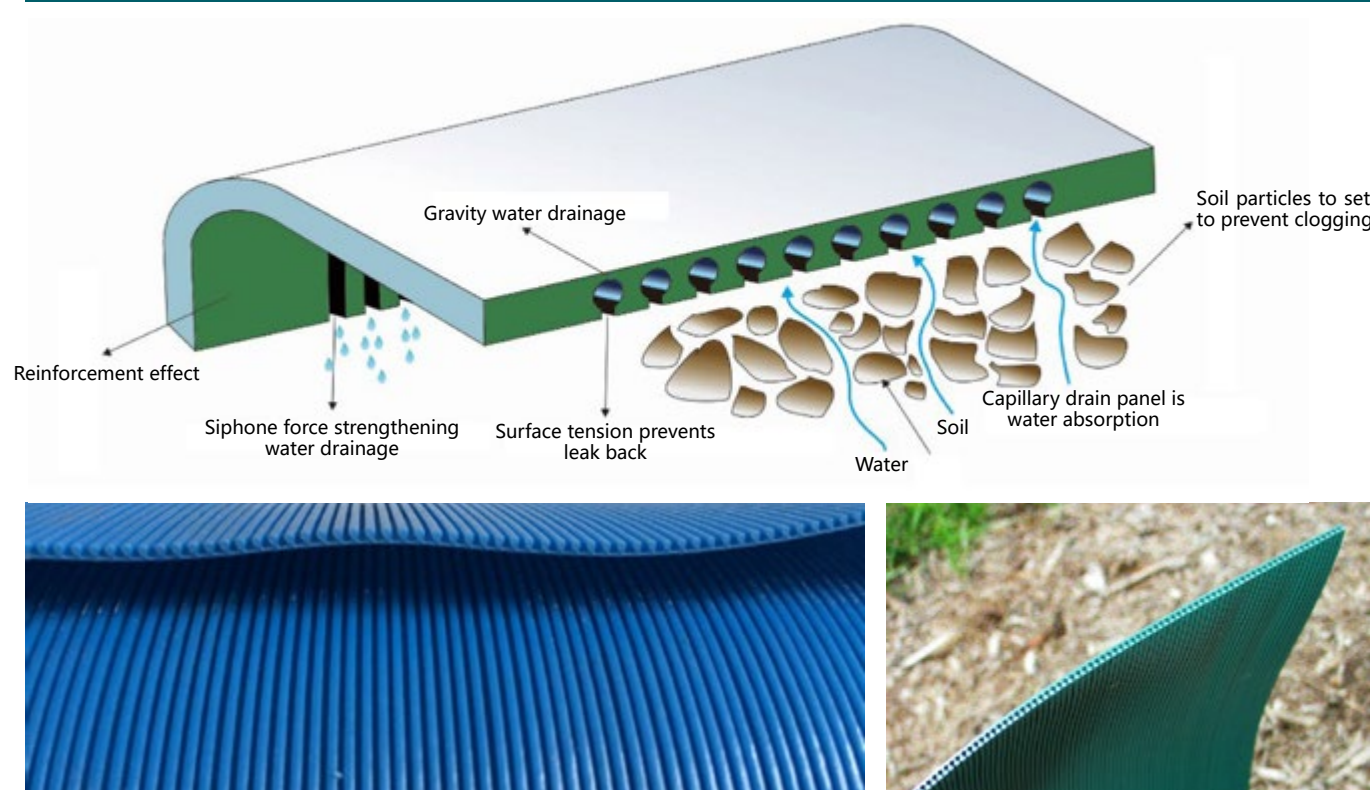


Brief Introduction

Junsheng plastic drainage belt machine uses advanced electrical control system, high sensitivity, long life machine service, high degree of automation. Plastic drainage belt used to reinforce soft soil, silt soil, filling soil and other saturated hydraulic fill filling viscous and miscellaneous drainage consolidation method using soft foundation treatment of good vertical channels, greatly reducing the soft soil consolidation time.



PVC Capillary Drainage Panel Production Line



Brief Introduction

Junsheng PVC capillary drainage panel machine mostly use imported electrical components, high quality machine materials, it achieve automatic feeding, extrusion products and cooling, traction cutting, rolling automation. Products of good quality, the opening rate reach to 20%, high efficiency drainage, anti-soil compression and strong, with a self-cleaning function, can be directly overburden backfilling, simple construction, good durability.

Using PVC high density polymeric material, it has good toughness, buried in the soil can play a role in soil Rachel; and an anti-tradition changed when using intensive trench, large outside small design, and buried face down groove , leaving the water flow from the bottom up into the capillary suck aqueduct; a result of soil particles by gravity flow natural precipitation will not accompanying the capillary into the aqueduct, but also will not sink into the ditch near the produce deposition phenomenon; but the internal groove not only water, but also of the consequences of leaks, this time the anti-capillary drainage board is produced by the surface tension of the water sealing effect in the trenches do not leak back; when the water enters the capillary phenomenon will naturally produce soil moisture The effect until filled and discharged by gravity flow to the outside; when the water reaches the outlet will drop due to siphon effect, further internal soil produce a substantial increase in water suction effect.



Plastic Geomembrane Production Line



Brief Introduction

Junsheng geomembrane production line can produce the plastic geomembrane with thickness from 0.3 to 5mm and width of 4000 to 8000mm, the geomembrane can be monolayer, multilayer, both side smooth or embossing surface and laminated with non-woven fabric, the thickness of the geomembrane is uniform.

It's widely used in waterproofing field in industrial & civil buildings including the green roof, flat roof and the sloping roof. Underground waterproof: reservoir, dam, pool, tunnel, grain depot, artificial engineering, landfill, artificial lake.

Main Technical Specification

Model		JS-TGM4000	JS-TGM5000	JS-TGM6000	JS-TGM8000
Suitable material		PE, PP			
Screw dia.	mm	150	150×2	160×2	180×2
L/D ratio	L/D	33:1	33:1	33:1	33:1
Product width	mm	4000	5000	6000	8000
Product thickness	mm	0.2-2.5			
Output	Kg/h	600	1000	1000	1200
Line speed	m/min	4--6	4--8	4--8	4--10
Installed capacity	KW	320	550	550	680
Power consumption	KW	220	300	300	400
Dimensions (L×W×H)	m	22×5×2.8	24×7×3.5	24×7.5×3.5	25×10×3.5
Total weight	T	22	25	28	35

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Application





Plastic Geogrid Production Line



Brief Introduction

Controlled by PLC, Junsheng geogrid line realizes remote control, convenient, accurate, and reliable.

Longitudinal stretching part adopts hot stretching rollers, Transversal stretching part is heated by hot air generated from the heat exchanger heated by the hot oil.

So, the final single-direction geogrid and bi-direction geogrid is uniformity and high quality.

Geogrid is widely used in fields of water-conservancy, highway, railway, coal mining, and architecture.

It is used to build and protect the dam and reinforce the roadbed of the expressway and railway.

Also used as the flood prevention net, dust-block and wall-protection net, and the mine top net, etc.

Main Technical Specification

Model		JS-TGSG4000	JS-TGSG5000	JS-TGSG6000
Screw dia.	mm	150	160	180
L/D ratio	L/D	33:1	33:1	33:1
Single-direction product width	mm	1200	1500	2000
Bi-direction product width	mm	4000	5000	6000
Single-direction mesh size	mm	35, 50, 80, 120, 160, 200		
Bi-direction mesh size	mm	15, 20, 25, 30, 40, 45		
Dimensions (LxWxH)	m	90x12x5	92x15x5	110x15x5

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Application

Single-direction geogrid



Double-direction geogrid







Brief Introduction

Junsheng plastic geocell production line can produce the plastic geocell with thickness from 0.8 to 3mm, smooth or embossing surface, with holes or without holes.

Geocell System can be filled with a wide range of material: aggregate, concrete, sand, soil , etc.

Geocell is widely used for soil stabilization; to help improve the performance of standard construction materials and erosion-control treatments. So, it's mainly used in fields of erosion control, load support, slope protection, channel protection, retaining wall, ground stabilization and slope protection applications.

Main Technical Specification

Model		JS-TGGS90	JS-TGGS120	JS-TGGS150
Screw dia.	mm	90	120	150
L/D ratio	L/D	33:1	33:1	33:1
Sheet thickness	mm	1.1, 1.2, 1.5, 1.8, 2.0, 2.5		
Cutting width	mm	50 - 300		
Output	Kg/h	200	400	500
Line speed	m/min	2--6	2--8	3--8
Installed capacity	KW	130	210	320
Power consumption	KW	55	110	160
Dimensions (L×W×H)	m	33×2.8×2.7	36×2.8×2.7	38×2.8×2.7
Total weight	T	22	26	30

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Brief Introduction

- PLC control and imported piezoelectric ceramic transducer, output is highly and stability;
- Floating feeding bracket, to keep operating height (don't need operator bend down), operation is more easy;
- Independent units (frame, generator, retaining clip etc.), the welding pitch will be easy to be adjusted;
- New type welding horn structure, life time is longer, welding strengthen is better;
- The distance between center of horn and frame is reduced, the equipment's rigidity is better;
- Max. height of geocell can reach to 300 mm;
- When width of strip less than half of max. geocell height, the 2 strips can be welded at the same time, efficiency is double.

Main Technical Specification

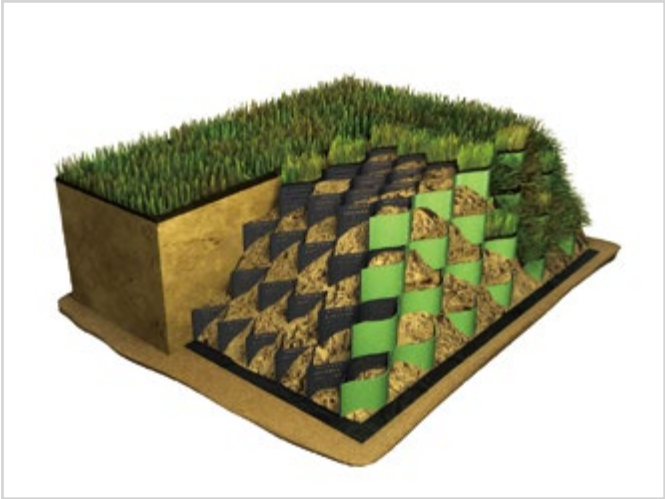
Model		JS-HJ12	JS-HJ14	JS-HJ16	JS-HJ20
Weld head q'ty	piece	12	14	16	20
Weld head material		Al-Mg (7075-T651)			
Weld width	mm	50-300			
Weld length	mm	6000			
Output power	KW	36.4			
Friction power	KW	21			
Air pressure	Mpa	0.6-0.9			

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Application

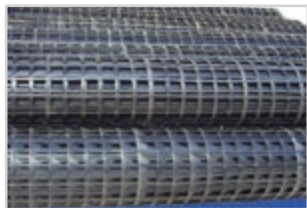
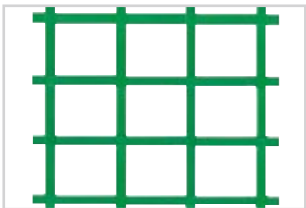
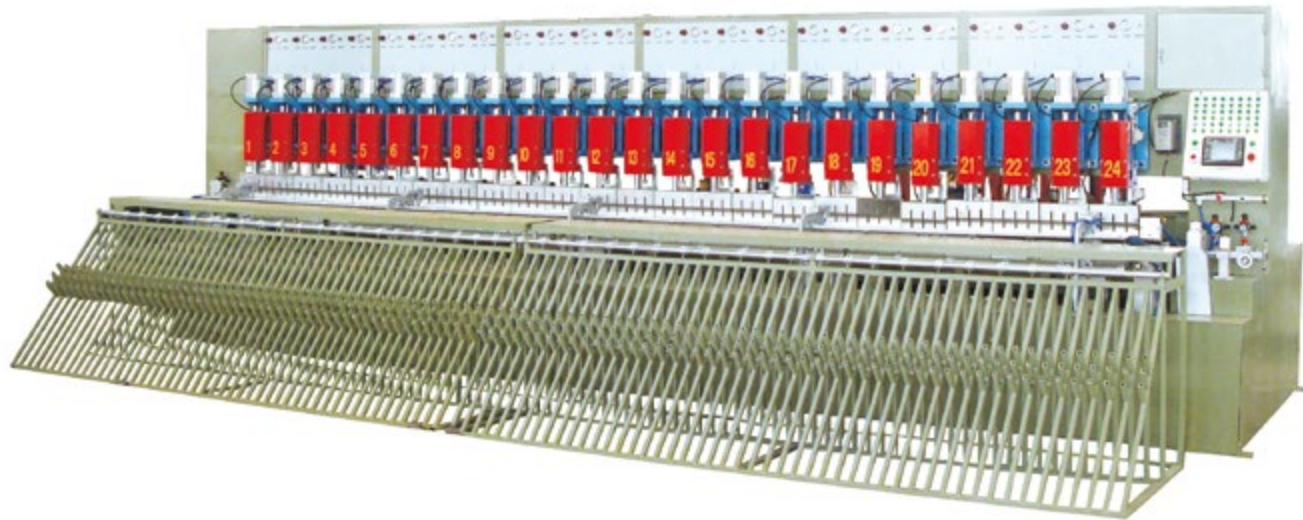


Application





Steel Plastic Composite Geogrid Welding Machine



Brief Introduction

Junsheng steel plastic composite warp knitted geogrid ultrasonic welding machine, absorbing the most advanced ultrasonic technology all over the world, the whole set machine has superior performance.

It has features of lower power consumption, long operating life, high welding precision, running steady.

This kind knitted geogrid is widely used in railway and highway roadbed protection, dam, bridge abutment, ramp, shoals polder, tailings dam, slag yard, inner harbor dock, landslip repair and so on.

Main Technical Specification

Model		JC-GSHJ4000	JC-GSHJ6000
Ultrasonic unit		15Kh, 2800W	15KH, 2800W
Welding unit	pieces	16	24
Welding time	s	1.5-2.5	1.5-2.5
Welding power	KW	45	65
Product width	mm	4000	6000
Dimensions (LxWxH)	m	5x5.5x2.6	8x8x2.6

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Plastic Geonet Production Line



Brief Introduction

With leading technology, Junsheng geonet production line has advantages of distributing material uniformly and meets the production requirement of several kinds of HDPE or PP.

Geonet is mainly used in the field of architecture, irrigation, roadway, farming, sand prevention, and furniture, etc.

Main Technical Specification

Model		JS-TGW75	JS-TGW90	JS-TGW120	JS-TGW150
Screw dia.	mm	75	90	120	150
L/D ratio	L/D	28:1	28:1	28:1	28:1
Product width	mm	2000	2500	3000	4000
Output	Kg/h	70	80	100	130
Line speed	m/min	4--6	4--8	4--8	4--10
Installed capacity	KW	60	90	180	220
Power consumption	KW	40	55	110	130
Dimensions (LxWxH)	M	10x3x3.5	12x3x3.5	16x3.8x4	18x5x5
Total weight	T	7	8	9	11

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Safety Fence Production Line



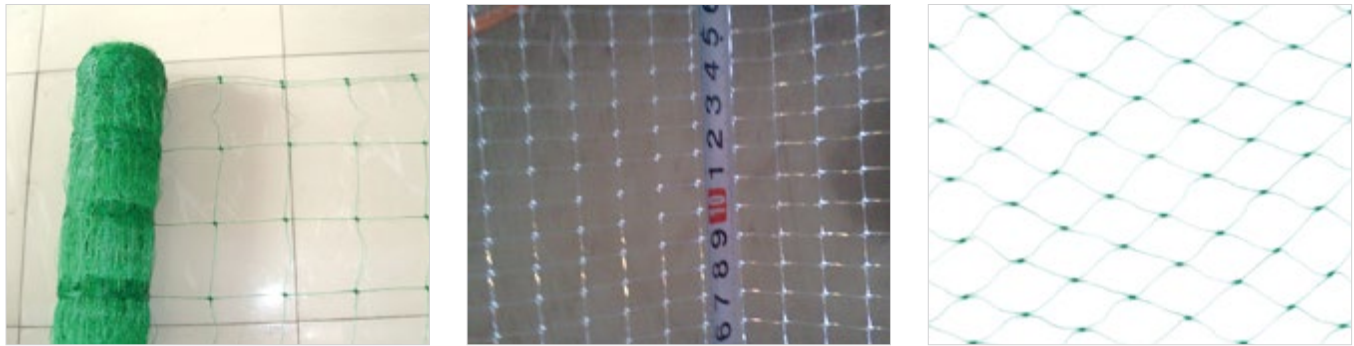
Brief Introduction

Junsheng safety fence equipment is absorbed foreign advanced technology, developed through improvement and innovation, with international advanced level of new plastic safety fence equipment. The mesh size is uniform and beautiful, has fine and smooth surface, adding vibrant colors, market of applications is growing fast, widely used in construction, embankment protection, high-grade warning fence, snow fencing.

Anti-Bird Mesh Production Line

Brief Introduction

Junsheng Anti-bird mesh machine use double machine extrusion control the webs of warp and weft shares diameter, vertically and horizontally through the second heat drawing and then into the grid network stretching, mechanical properties improved significantly, and its products have simple physical structure, good dimensional stability, high strength, light weight per unit area, durable and so on.





Serve for Global



Serve for Global





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