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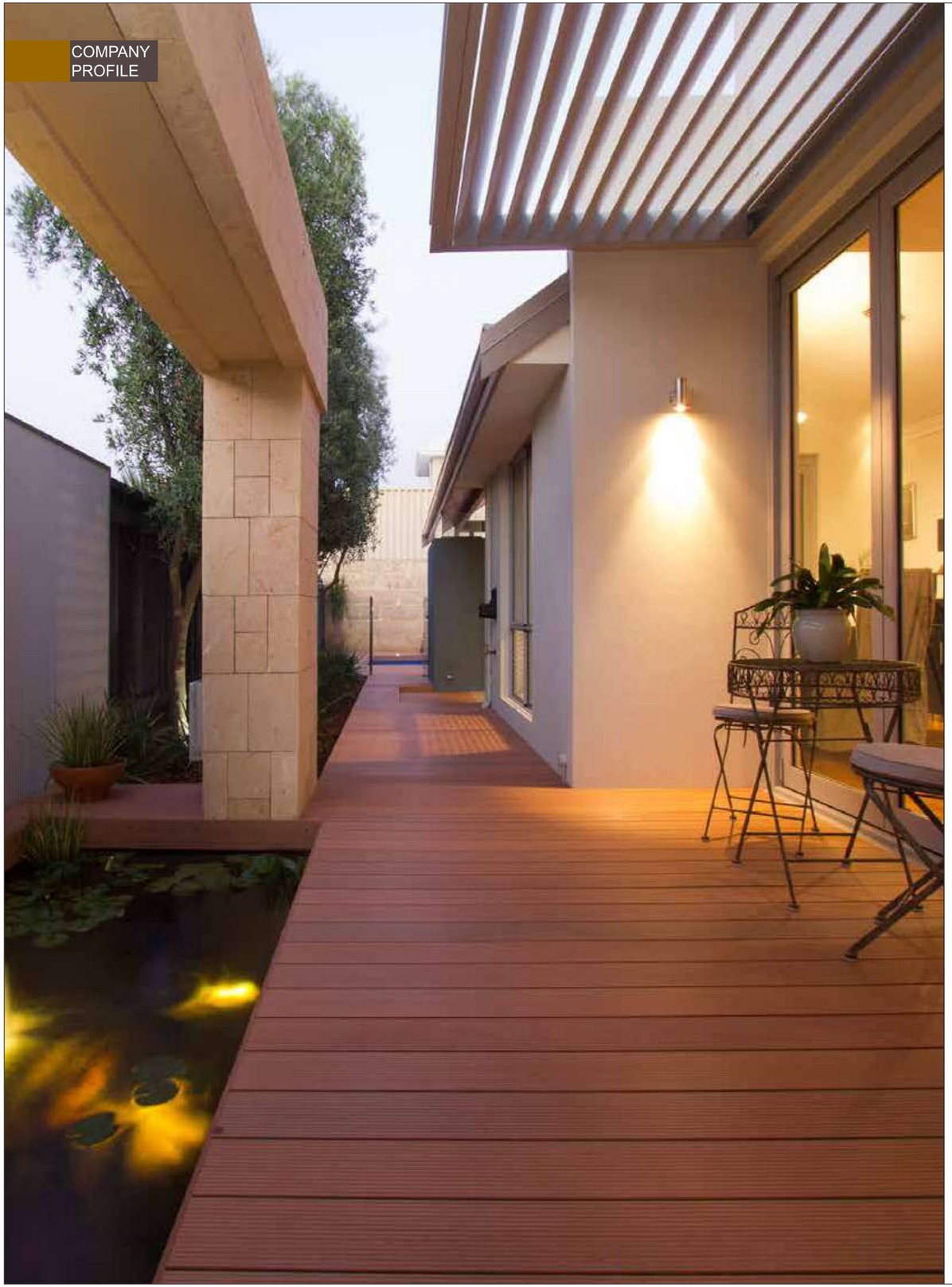
SIEMPRE
TECHNOLOGY



We can supply ready WPC granule to client, or supply manufacturing technical formula for client to buy the raw material by themselves.

WPC MOLD

We can provide customers with WPC mold. According to the customer's needs, we can design and manufacture customized mold

SIEMPRE TECHNOLOGY

ABOUT SIEMPRE TECHNOLOGY

It is afiliated with SIEMPRE TECHNOLOGY, it is an enterprise with a combination of wpc product sales supply,service,Installation and commissioning and after sale service, including mold supply, raw material processing, import and export trade.
The head ofice in Chennai is located in Tambaram. After 2 and 1/2 years of continuous development and growth, we focus on the applications of new materials to wood, wood professional technology and equipment and created a number of applications in the ield of WPC market.

It has won the recognition and praise from our clients all over India and the world with products excellent quality, innovative design and green environmental friendly nature.

The product has become the representative of the world's irst echelon of WPC products. The main products is WPC PRODUCT, WPC MACHINERY, WPC MOLD, WPC GRANULE..

GLOW MAF Company's mission:
Create for human healthy living environment; strive for harmonious development of the world

GLOW MAF Company's vision:
Create world-class A WPC brand products; make "OLD WPC" products to spread all over the world

GLOW MAF Company's core values:
Love, Gratitude, Integrity, Responsibility, Solidarity and Passion

GLOW MAF Company's development values:
Enterprise and employees are win-win; enterprise and customers are win-win; enterprise and competitors are win-win; enterprise and society develop together.

History of GLOW MAF GOURP:

◎ 2016, GLOW MAF INDUSTRIAL TECHNOLOGY. is established in Chennai, which focused on Extrusion machinery research and development, and after almost 2 and 1/2 years of continuous development and growth, we have been a professional service and technical team.

◎ GLOW MAF INDUSTRIAL TECHNOLOGY. Not only focused on WPC machinery manufacturing, but also focused on WPC product, WPC mold and WPC raw material. We introduced irst-class production equipments and modern management.

◎ 2016 GLOW MAF INDUSTRIAL TECHNOLOGY. was founded; it officially launched the import and export trading business.

◎ 2018, GLOW MAF hope to work with you to jointly create a well-known WPC brand, and provide you with the best quality product and service for your career to success.

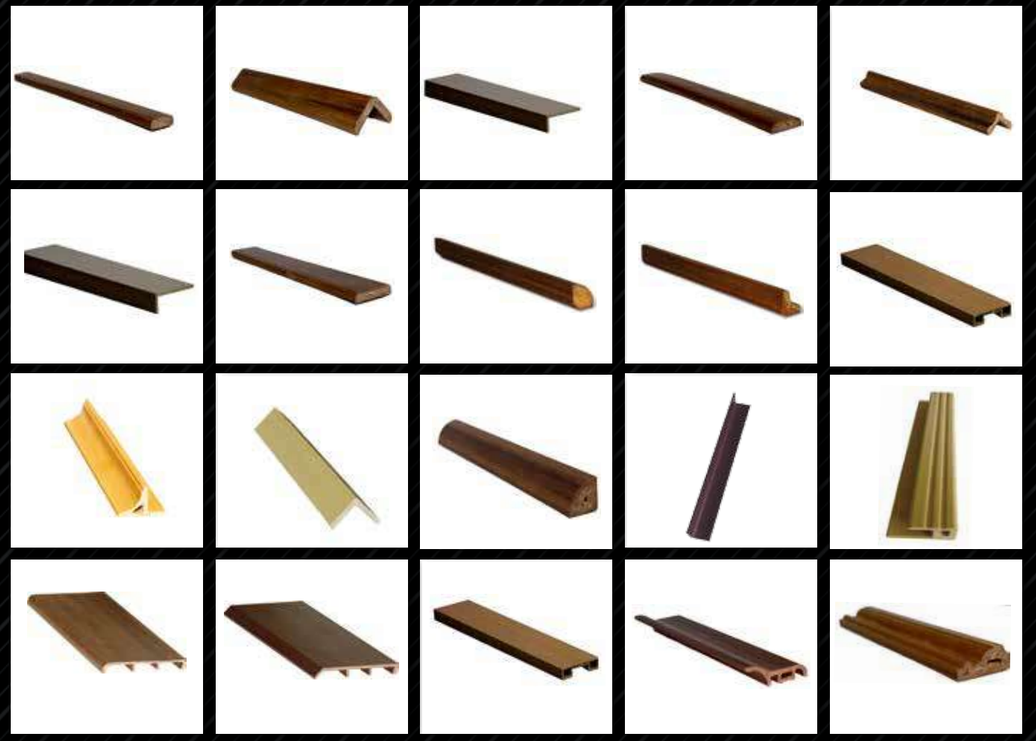
WPC SINGLE-SCREW EXTRUDER PRODUCTION LINE

With WPC granule as raw material of production, WPC Single-Screw Extruder equipped with Auxiliary Machine can be used to produce WPC profile. Auxiliary Machine consist of Vacuum calibrator, Dragger, Cutter, and Laying of collection.

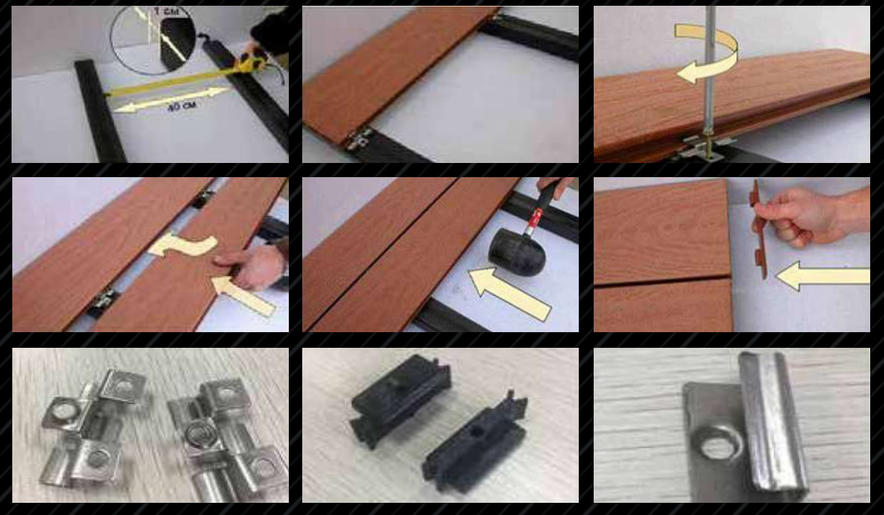
Main technical Parameters

Matched WPC Extruder Type		MSSJ-65/75/90/130	MSSJ-150
Equip. Name	Name of Technical Parameters	STM-240	STM-400
Vacuum Calibrator	Tray Length(L)Material: Stainless Steel 3Cr17	4000mm	4000mm
	High-qualified Vacuum Pump Power and Quantity	5.5kw×2 sets	5.5kw×1 set 7.5kw×1 set
	Cooling/Vacuum Connector Quantity	20/20	30/30
	Calibrator's Forward and Backward Moving Distance	500mm	500mm
	Lifting Distance by Center Height Lifting Method	4 Specified Lifters ±50mm	4 Specified Lifters ±50mm
	Tray's Lateral Movement Distance by Method of Lateral Moving	Specified Mobile Rail ±30mm	Specified Mobile Rail ±30mm
	Center Distance of the two T-type Walls Installed in the Mould	360mm	460mm
	Eddy Air Pump Drying Device	0.75kw	1.5kw
Dragger	Valid Clamping Length (L)	2100mm	2500mm
	Linear Speed	0-3m/min	0-3m/min
	Compressing Mode	Air-operated Crank Arm	Air-operated Crank Arm
	Speed Adjustment Mode	Frequency Control	Frequency Control
	Two Independently Specified Drive Motor Power	1.1kw×2 sets	1.5kw×2 sets
	Rubber Block Size (mm)	240×45×25	400×45×25
Cutter	Biggest Boundary Dimension of Cutting Products (mm)	300*80	500*50
	Cutting Motor Power	1.1kw	2.2kw
	Saw Web Diameter	405mm	405mm
Laying of collection Rack	Length*Width(mm)	5000×800	5000×800
	Collecting Way	Air-operated Turnover	Air-operated Turnover

ACCESSORIES AND INSTALLATION



INSTALLATION STEPS



OTHER WPC PRODUCTS

LOUVER

HANDRAIL

WINDOW

CHARACTERISTIC

Low energy consumption, and low electricity consumption
Inset 2mm deep alloy bushing in the whole area of 400 away from the screw barrel discharge outlet.
Spray dual alloy on the surface of screw flight which is 400 away from screw discharge zone, so as to make it abrasion resistant.
Equipped with well designed specialized low foamed screws, to ensure that extruded products have stable foaming ratio.
Being equipped with a hardened gear box, it transmits steadily and serves a longer life.
The electric control gear and extrusion system are combined into one, so that this extruder is more convenient to operate and easily to maintain.
Cylinder screw use 38CrMoALA high quality nitrided steel, surface hardness HV800-900, depth 0.38-0.78, hard chrome plated, wear-resistant, corrosion-resistant, durable.
Cylinder unloading mouth equipped with water jacket cooling device, which ensured feeding stable, and quickly established the pressure required to foam the product.
Electric control box consisted of temperature control instrument, low voltage electrical components, and inverters, which ensured controlling stable.
Dedicated gear box can be used up to 5 years above.

Main technical Parameters

Model and specification	MSSJ-65/25	MSSJ-75/25	MSSJ-90/25	MSSJ-130/25	MSSJ-150/25
Screw Diameter（mm）	65	75	90	130	150
Diameter Radio （L/D）	25:1	25:1	25:1	20:1	20:1
Motor Power（kw）	7.5	11	15	37	55
Output （kg/h）	22-55	30-80	46-115	50-200	180-380
Model of Extruded WPC product	End-molding Internal and external corner's line Small product	Ceiling Wall board Indoor floor Wood product	Ceiling Wall board Indoor floor Wood product	Outdoor floor Wood product Indoor and outdoor wallboard Large square cabinet board Furniture board	Outdoor floor Wood product Indoor and outdoor wallboard Large square cabinet board Furniture board

Notes:
1. The extrusion output varies according to differences in formulations and extruded products.
2.If the technical parameters are changed, please refer to factory equipment parameters.

WPC CONICAL DOUBLE-SCREWS EXTRUDER PRODUCTION LINE

With WPC powder as raw material, WPC Conical Double-Screws Extruder equipped with WPC Mixing Machine ,Auxiliary Machine can be used to produce WPC proile. Auxiliary Machine consist of Vacuum calibrator, Dragger, Cutter, and Laying of collection.

◇ *For WPC products whose surfaces need for secondary operation (pad pasting, printing, spraying, 3D printing and so on)*

◇ *It produces coating WPC base materials like quickly-assembled wall roof, sliding-door board, cabinet board, wardrobe board and so on.*

TECHNICAL CONFIGURATION

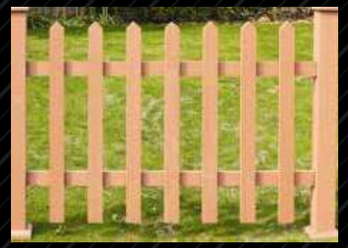
Material of screw barrel and screw: 38CrMoALA nitrided steel material of high quality, with dual alloy treatment.
The optimized screw structural design not only guarantees the high ill of wood powder, but also suficiently mixes the materials with good plasticity.
It adopts high-strength hardened tooth-surface speed reducer, which transmits steadily with a low noise.
The electric control cabinet is composed of temperature controller, low-voltage electrical components, variable-frequency drive and so on. It has a stable control.
This whole machine is mechanical-electrical integration design. It is convenient for operation and easy for maintenance.

Main technical Parameters

Type and Specification		MSSZ51	MSSZ65	MSSZ80
Screw	Diameter (mm)	51/105	65/132	80/156
	Length (mm)	1000	1430	2082
	Direction of Turning	Anti-clcokwiseoutward	Anti-clcokwiseoutward	Anti-lcokwiseoutward
Main Drive Power (kw)		18.5kw	37	55
Output (kg/h) (formulated according to the regulation)		30-70	50-240	100-420
Type and Specification of the Equipped WPC Profile Auxiliary Machinery		STM-240	STM-240	STM-400 STM-600

Notes:
1. The extrusion output varies according to differences in formulations and extruded products.
2.If the technical parameters are changed, please refer to factory equipment parameters.

WPC FENCE



WPC GAZEBO

WPC PARALLEL DOUBLE-SCREWS EXTRUDER PRODUCTION LINE

WPC Parallel Double-Screws Extruder is suitable for WPC power raw material to produce both WPC proile and WPC granule.

Parallel Double-Screws Extruder is a kind of special equipment for PVC powder extruding. With different sorts of molds and auxiliary machines, it can produce all sorts of PVC plastic pipe, proile, board, sheet, bar and granulation.

Main technical Parameters

Model and specification	P90	P107	130
Motor power(kw)	55	75	110
Screw Diameter(mm)	90	107	130
Radio (L/D)	24:1	23:1	23:1
Screw speed(rpm)	36-45	35-45	34-45
Center height(mm)	1000	1100	1200
Extrusion capacity(kg)	150-420	250-680	500-1100

PVC CRUST FOAM BOARD/THICK BOARD/DECORATION BOARD PRODUCTION LINE

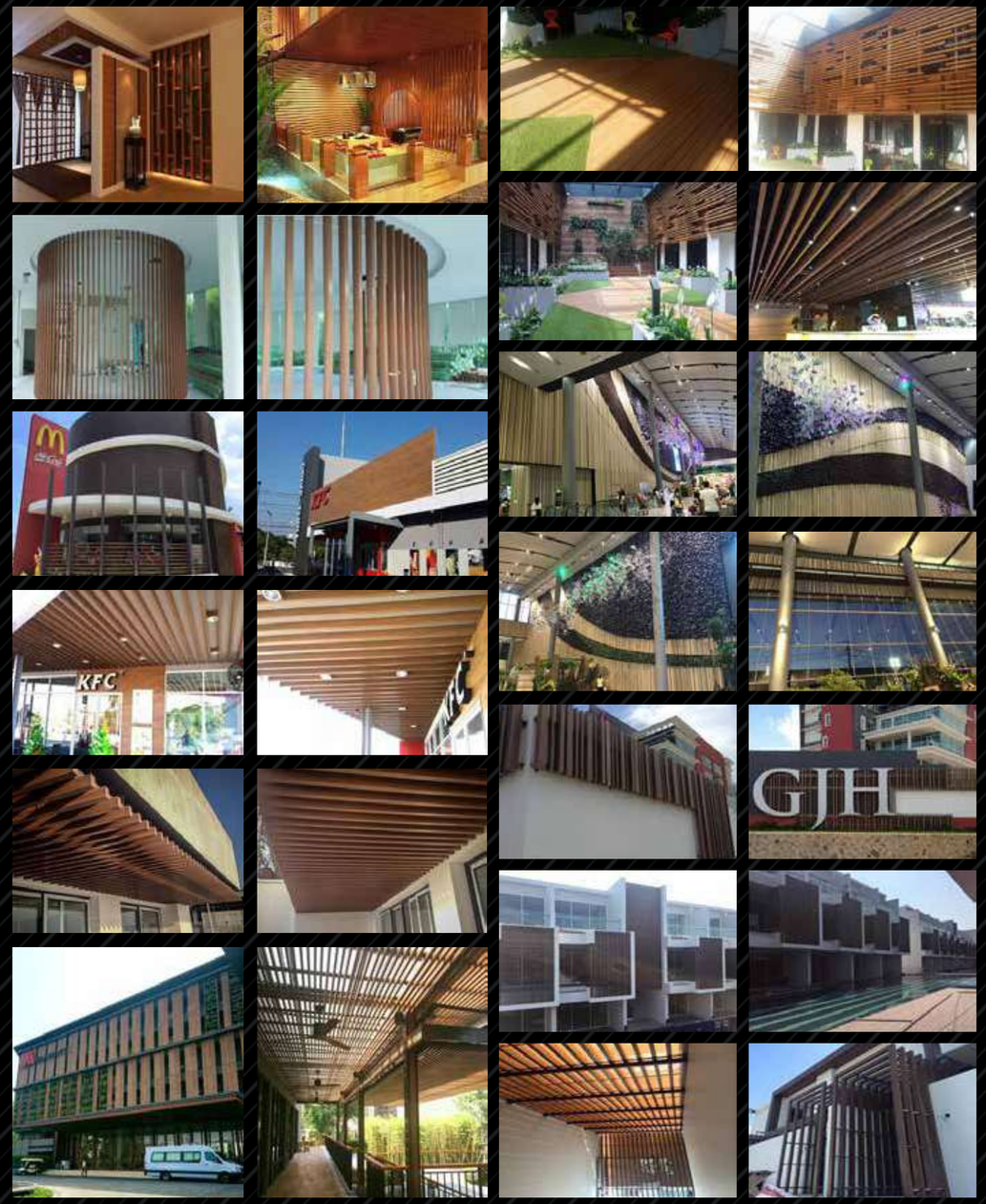
PVC crust foamed board production line is a newly developed line designed on the basis of years of our experience in plastic foamed board machines. The crust foamed board has the advantages of low density, hard and smooth surface, and anti-wear, etc. When add the wood powder, the line can produce WPC board used for furniture, decoration, advertising and building.

Main technical Parameters

Model	Unit	STM-1300
Product thickness	mm	1220
Product width	mm	3-20
Extruder model		MSSZ80
Max. extrusion capacity	kg/h	350
Motor power	kw	75

Notes:
1. The extrusion output varies according to differences in formulations and extruded products.
2.If the technical parameters are changed, please refer to factory equipment parameters.

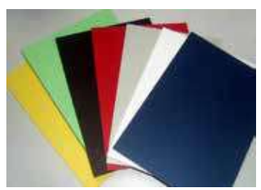
WPC SIDE 4 SIDE·CASE



WPC SIDE 4 SIDE

PVC ARTIFICIAL MARBLE/IMITATION STONE BOARD PRODUCTION LINE

This production line consists of special double-screw extruder, mold and auxiliary machines, our company will offer formulation and full sets of technology of the complete processes. The production line has the advantages of large output, stable extrusion, high foamed ratio; the product is of smooth surface, anti-wear, etc. Combined with printing, lamination and hot-pressing equipments, it can produce various kinds of simulated wood products which have wide application.

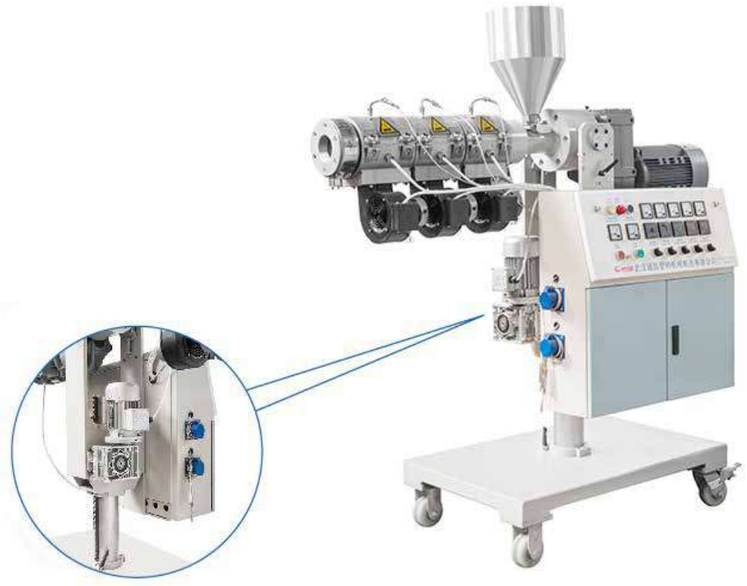


Main technical Parameters

Model	unit	SG1300
Product thickness	mm	1220
Product width	mm	1-18
Extruder model		MSSZ80
Max. extrusion capacity	Kg/h	350
Motor power	kw	55

Notes:
1. The extrusion output varies according to differences in formulations and extruded products.
2.If the technical parameters are changed, please refer to factory equipment parameters.

PRECISE CO-EXTRUSION SINGLE-SCREW EXTRUDER



There are four universal wheels in the lower end of the rack and it moves conveniently and smartly;

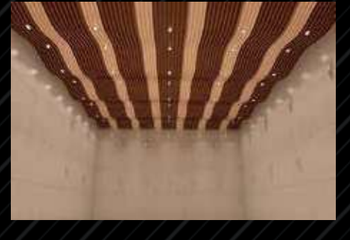
The height adjustment of the screw barrel and screw is controlled by motor reducer: adjust electrically by pinion and rack on the column, and its lift range is 980~1280mm.

The screw barrel and screw are benchmarked against the horizontal axis with oblique swinging, being convenient for designing co-extrusion connector.
The screw barrel and screw can easily rotate 360°in the horizontal plane, which is convenient for connecting the co-extrusion connector and operating the co-extruder.

Main technical parameters

Model and parameter	XJN-30	XJN-35	XJN-45
Screw diameter（mm）	30	35	45
screw rotator speed（r/min）	88	88	88
Motor power（kw）	4	4	4
Lifting range（mm）	980-1280	980-1280	1000-1320

WPC CEILING·CASE



WPC CEILING

WPC GRANULE PRODUCTION LINE

WPC Granule Production Line equipped with MSRL-Z500/1000 WPC Mixing Machine ,Conical/Parallel Double-Screws Extruder , Die head, air conveying system is suitable for WPC granule production process.

CHARACTERISTIC

◇ *Low power consumption: Reduce two section heater which can save electric power 20% to increase proits.*

◇ *Large production: according to the low foaming PCE wood-plastic composites' features, it adopts specially super short type screw barrel and screw structure, ensuing high filling and good qualified particle in circumstance of large production.*

◇ *Longer service life: the usage of special screw structure enables its service life much more longer.*

TECHNICAL CONFIGURATION

◇ *Material of screw barrel and screw: 38CrMoALA nitrided steel material of high quality, with dual alloy treatment.*

◇ *The super short screw structural design not only guarantees the high fill of wood powder, but also suficiently mixes the materials with good plasticity.*

◇ *The screw barrel only has 2 heating zones, while zone 2 is for fan cooling.*

◇ *It adopts high-strength hardened tooth-surface speed reducer, which transmits steadily with a low noise*

Main technical Parameters

Type and Specification		MSSZ97	MSSZ115
Screw	diameter (mm)	97/132	115/156
	Length (mm)	1018	1180
	Direction of Turning	Anti-clcokwiseoutward	Anti-clcokwiseoutward
Main Drive Power (kw)		37	55
Output (kg/h) (formulated according to the regulation)		180-260	400-600
Die Head Discharging Tray		Four Holes Discharging ApertureΦ4.2	Five Holes Discharging ApertureΦ4.2
Air Conveying System		Second Level Air Conveying	Third h Level Air Conveying
Electrical Cooling Motor Power (kw)		1.5kw×2 sets	1.5kw×3 sets

WPC MIXING MACHINE

MSRL-Z series Greener wood mixing machine units' researching and designing is based on the introduction, digestion and absorb of overseas advanced technologies, and then combines with wood flour's specific features. It has features of even mixing with fast speed, accurate temperature control, high automation, easy for operation and so on:

◇ *01/The pot cover has applied double sealing;*

◇ *02/Be equipped with heating methods of friction, electrical heating and so on;*

◇ *03/It has two discharging ways: temperature controlled and hand controlled method;*

◇ *04/The rotary blades are all made up of stainless steel and are tested through motional and statical balance trials;*

◇ *05/The electric control adopts electrical components of famous brand;*

◇ *06/The mixed boiler liner adopts stainless steel material and its cover, discharging device uses aluminium alloy, which make the machine corrosion resistant;*

◇ *07/This unit combines the heating blend technology with cooling blend technology. After the WPC material's heating blend processing, it automatically goes into the cooling blend zone to cool the material, at the same time, it eliminates remnant gas to prevent the material from agglomeration;*

◇ *08/It uses frequency control, which saves the electricity and prevent from impulsing on power network at the starting.*

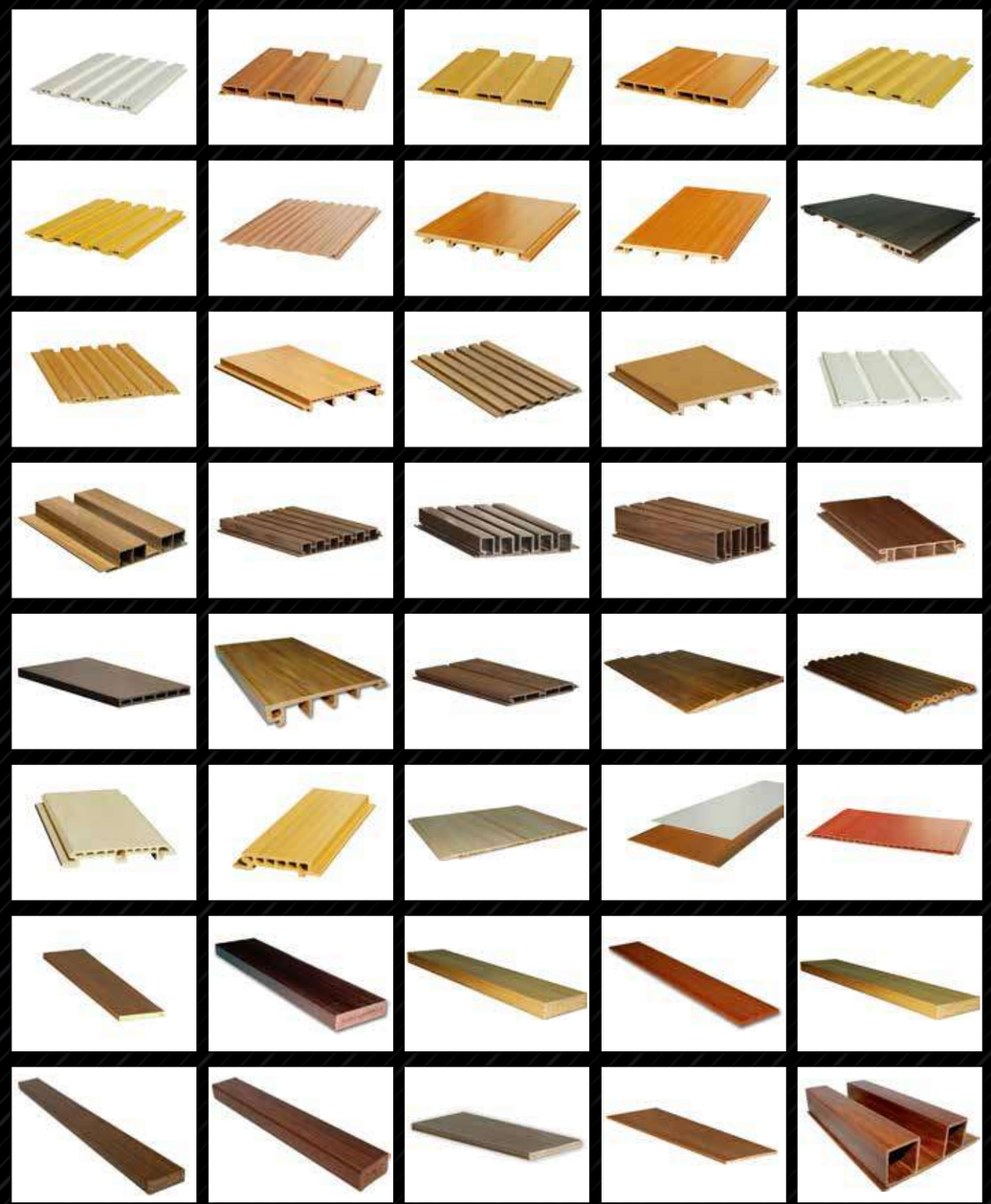
Main technical parameters

Type	MSRL-Z300/600	MSRL-Z500/1000
Total Volume (L)	300/600	500/1000
Effective Volume (L)	200/360	350/640
Electric Motor Power (KW)	55/11	75/15
Rotating Speed of Rotary blades (r/min)	475/950/130	430/860/60
Water Consumption (T/h)	3-8	6-8
Heating and Cooling Methods	electric, automatic friction/water	electric, automatic friction/water
Mixed Time (min)	8-10	8-10
Weight (T)	3.8	4.8
Outer Size (mm)	4580×2240×2500	4600×3000×4000

Notes:
if there are any changes in technical parameters, please refer to factory speciications.
All the equipment above is supplied by matched factory with products.

WPC WALL PANEL·CASE

WPC WALL PANEL



WPC SPECIALIZED EMBOSSING MACHINE

MAIN PURPOSE

WPC specialized embossing machine is mainly used for WPC proile, PVC foaming proile, Calcium, bamboo floor surface treatment to suppress a variety of pattern processing.

MAIN FEATHER

Most advanced heating method that is cast aluminum heating ring;
Lifting digital display, and easy to adjust;
Feeding method is double-sided driving to ensure feeding steady.

Main technical Parameters

Model	SY-360
Max. processing width(mm)	360
Processing thickness(mm)	5~200
Embossing speed(m/min)	3~14
Diameter(mm)	Φ320
Heating power(kw)	8
General power(kw)	10.57
Mechanical Dimension(mm)	1520*1030*1500
Net weight(kg)	1200

WPC SPECIALIZED GRINDING MACHINE

MAIN PURPOSE

WPC specialized grinding machine is Mainly used for removing thick sand, surface burr, and dust of WPC proile

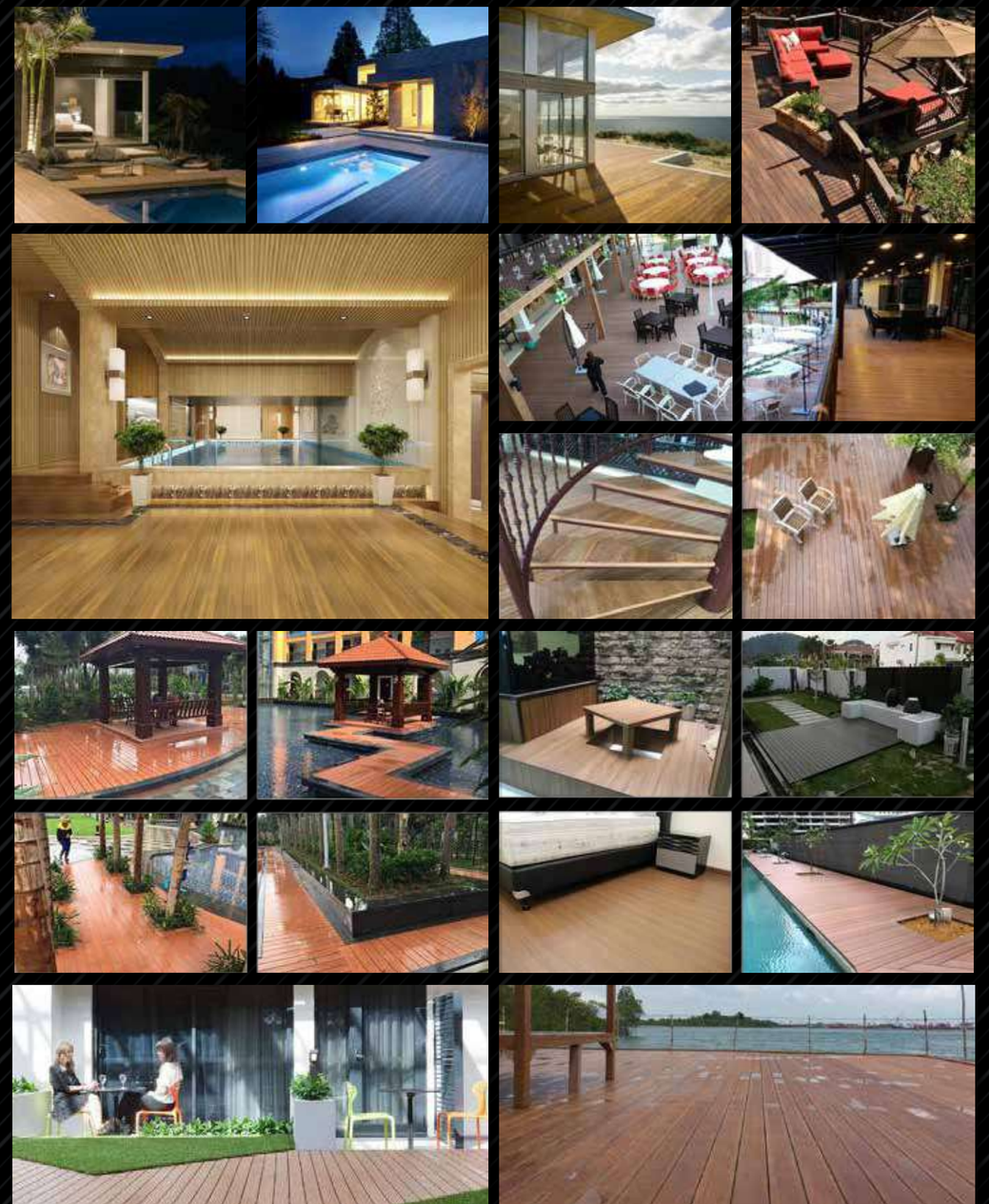
MAIN FEATHER

Digital computer display, intuitive and accurate;
Photoelectric control and protection;
Automatic lifting;
Large amount of sand cut, high dimensional accuracy;
Surface treatment wheel can be independent lifting, and independent swing.

Main technical parameters

Model	SR-G600	SR-G400
Max. processing width(mm)	600	400
Min. processing length(mm)	350	350
Processing thickness(mm)	5-200	5-200
Belt line speed(m/s)	18	18
Feeding speed(m/min)	6-28	6-28
Steel brush rotating speed (r/min)	1500-2400	1500-2400
Belt line dimension (mm)	630×1520	420×1520
Motor power(kw)	24.49	16.99
Working pressure(Mpa)	0.5	0.5
Dedusting air volume (m^3/h)	5000	4000
Mechanical Dimension(mm)	1760×1120×1860	1760×910×1860
Net weight(kg)	1450	960

WPC DECKING·CASE



WPC DECKING

WPC SPECIALIZED DRAWING MACHINE

MAIN PURPOSE

WPC specialized drawing machine is mainly used for WPC proile surface treatment.

MAIN FEATHER

Digital computer display, intuitive and accurate;
Workbench can be automatic lifting and easy to adjust;
Surface treatment wheel can be frequency control, independent lifting, and swing back and forth.

Main technical parameters

Model	LG—G400
Max. processing width(mm)	400
Min. processing length(mm)	≥ 350
Processing thickness(mm)	5~200
Surface treatment wheel rotating speed(r/min)	1500
Motor power(kw)	16.87
Dedusting air volume(m^3/h)	5000
Mechanical Dimension(mm)	1760×920×1860
Net weight(kg)	980

WPC SPECIALIZED PANEL SAW

MAIN FEATHER

Double widening push table, double saw blade structure, thickened body;
European-style large-scale: effectively ensure the stability of the cutting process;
SKF Bearings and Delixi electrical appliances;
Imported chrome round bar guide;
4KW pure copper motor;
Germany original VECCI bearings;
Pointer positioning more clearly;
Humane dedust brush.

Main technical parameters

Model	45° Panel Saw	90° Panel Saw
Pushing table dimension(mm)	(2800-3800)*320/375	
Max. sawing length(mm)	2800-3800	
Max. sawing width(mm)	1250	
Max. sawing thickness(mm)	80	
Main saw blade dimension(mm)	Outer diameter 300/inside diameter 30	
Slot saw blade rotating speed(r/min)	7000-8000	
Main saw shaft rotating speed(r/min)	4000-6000	
Slot saw blade dimension(mm)	Outer diameter 120/inside diameter 20	
Motor power(kw)	4	
Spindle diameter (mm)	300	
Externall Dimension(mm)	(2800-3800)*1100*1200	
Blade angle	45°	90°
Max. sawing thickness(mm)	60	80
Gross weight(kg)	600-900	600-900

THREE-AXIS WATER JET CUTTING MACHINE

MAIN PURPOSE

The traditional three-axis water jet is not negligible part of the water jet development process, which is also one of the fastest cutting speed, and best stability water jet cutting machine in current. It provides simple maintenance, technical stability, is necessity of the vast number of users in the cutting industry. It is mainly used in the cutting industry of ceramic, stone, glass, metal, plastic, titanium, carbon, electronic industrial products.

Main technical parameters

Model	YL3020
System style	Gantry
Platform dimensions(mm)	4200*2800
Travel(mm)	3000
	2000
	210
CNC control system	AC Servo System
Cutting accuracy mm	±0.1
Repeatability mm	±0.01
Fast positioning accuracy mm	±0.025
Power	220V/380V/415V 50/60Hz

VACUUM COATING MACHINE

MAIN FEATHER

1.Apply to the photo frame, the skirting line, decorative lines, wall line and line class water-based paint coating.

2.Continuous coating can be used for batch-type production and special-shaped long strip artifacts.

3.Uniform spraying, 100% use of water-based paint, convenient cleaning.

4.Only need 10kg water-based paint, the spraying can be made.

5.The machine is made from stainless steel, with perfect corrosion resistance, acid and alkali resistance.

Main technical parameters

Model	CLF-SZT300
Working width(mm)	300
Working thickness(mm)	3-80
Min. length(mm)	400
Feeding speed(m/min)	5-20
Feeding power(kw)	0.75
Dimension(L*W*H)(mm)	2410*1760*1930
Total power(kw)	32.5