

> **MAIN PROFILE EXTRUSION LINES AVAILABLE:**

1. WOOD PLASTIC COMPOSITE
2. PVC FOAM PROFILES
3. PVC WINDOW / DOOR COMPLETE PLANT
4. PVC RIGID / FLEXBLE PROFILES
5. PVC TRUNKING COMPLETE PLANT
6. PS FOAM PICTURE FRAME AND BUILDING / DECORATION PROFILE
7. ALL KINDS OF PROFILE DIE

> **MAIN PIPE EXTRUSION LINES AVAILABLE:**

1. HDPE/LDPE PIPE RANGE TO MAX. Ø1200 m/m
2. PVC PIPE RANGE TO MAX. Ø1200 m/m
3. LDPE COSMETIC TUBE
4. PU PRECISION TUBE
5. HDPE STEEL PIPE COATING SYSTEM
6. PC TRANSPARENT TUBE
7. FLEXIBLE PVC TUBE AND REINFORCED HOSE
8. RIGID / SOFT PVC SUCTION HOSE
9. PVC MEDICAL TUBE
10. PVC / PE DIE UPTO Ø1200 m/m

> **MAIN PLASTIC NET AVAILABLE:**

1. STRETCHED / SQUARE NET
2. KITCHEN FILTER NET
3. MULTI-FUNCTION ARGYLE NET
4. NET PIPE
5. FRUIT NET
6. NET BAG BOTTOM SEALING
7. FILAMENT
8. STRAPPING BAND

> **ACCESSORIES:**

1. MIXER AND COOLER
2. PRINTING MACHINE

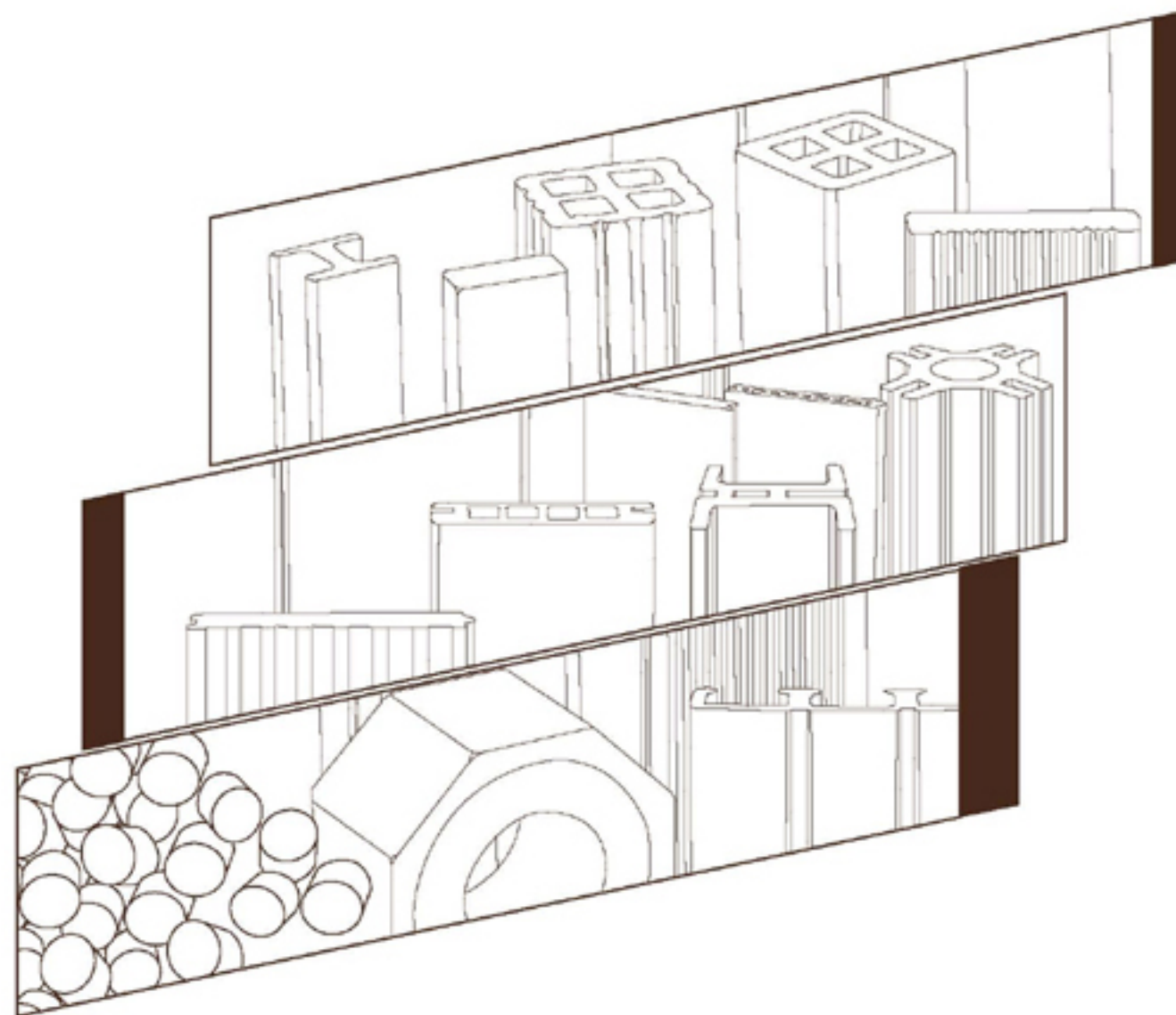


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**WPC/
COMPOUNDING
EXTRUSION MACHINE**



we offer turnkey and total solution



> EXTRUSION LINE

Using natural fiber in extruding profiles is getting popular. People try to develop new properties of the finished Wood Plastic Composite (WPC), such as PP/PE resin mixing 40-80% natural fiber or PVC mixing 40-70% natural fiber then produce different kinds of profiles.

Based on this mass requirement, EVERPLAST MACHINE has developed 1. segmented twin screw extruder + special single screw extruder line 2. parallel twin screw extruder + special single screw extruder line combine tooling die head and all down stream equipments for WPC profiles production has already got very good result. We create the market for our customer who come from all the world.



>WPC Materials Main Production Process Flow

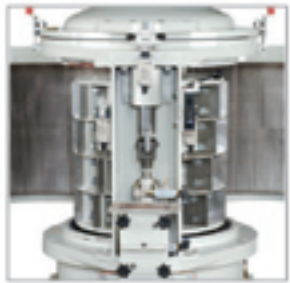


Segmented twin screw extruder

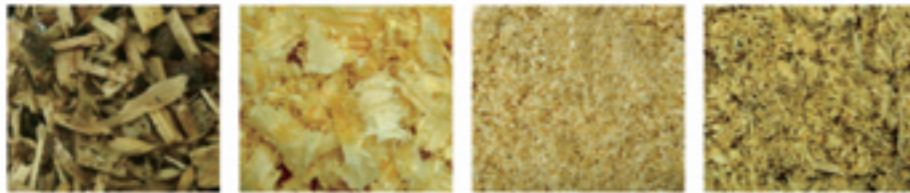
> PULVERIZING SYSTEM

In many processes for Wood Plastic Composite (WPC) production, natural fiber can be mixed with polymer from 30%-80%. Therefore, selected the natural fiber (sawmill, chipboard, rice husk...) is quite important. All the natural fiber need to be pulverized into around 40mesh-120mesh particle size.

Internal Structure of Blade



Natural Fiber



Rice Husk (Before)

Rice Husk (After)



Wooden Sawdust (Before)

Wooden Sawdust (After)

> DISING / MIXING AND DRYING UNIT



DOSING

The optimal formulation (by weight)

1. Polymer : -PVC 30-50%
-HDPE/PP 30-50%
2. Natural fiber : Wood fiber / rice husk / sawmill / ...30-80%
3. Additives: Depend the formulation 0.5-5% or more



PVC + Wood



Mixing

Key point machine for Mixing the natural fiber / resin / additives well

1. Batch type : Housing volume 12L or 20L
2. Capacity: 200-250 kg/hr or 400-500 kg/hr
3. Motor: 250 kw or 500 kw
4. rpm: Max.1500

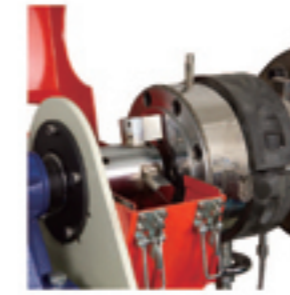


PE/PP + Wood

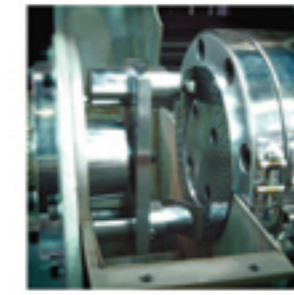
> COMPOUNDING SYSTEM

EVERPLAST offers a complete line of single and twin screw compounding and reprocessing extrusion systems featuring extruders designed for the specific application.

All system incorporate proven process engineered feed screw designs with optional venting, side feeding and complete process feed systems for volumetric, gravimetric weigh blending or starve feeding of the materials provided as required.



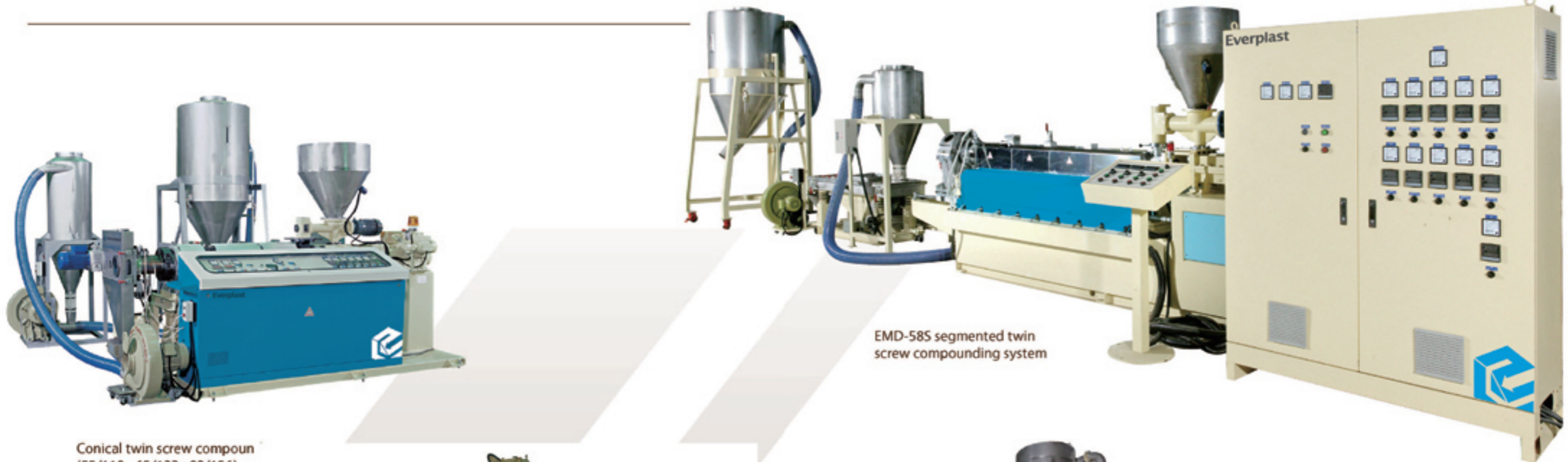
Exterior Cover



Double Cut

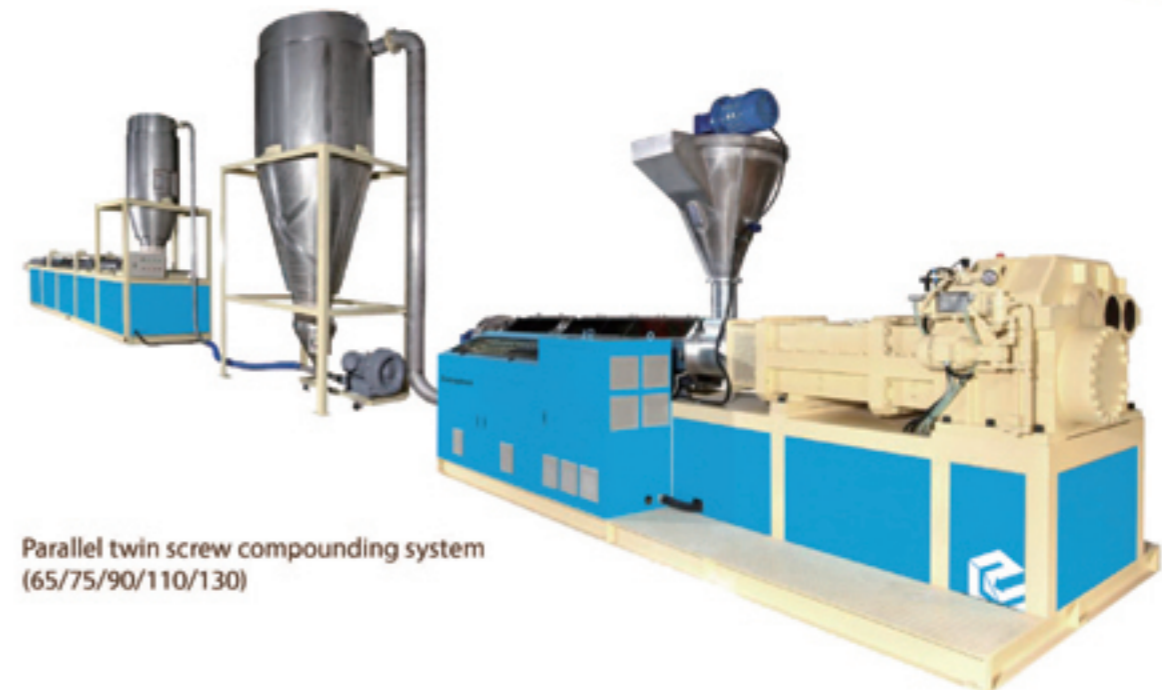


Single Cut



EMD-58S segmented twin screw compounding system

Conical twin screw compoun^d
(55/110 · 65/132 · 80/156)



Parallel twin screw compounding system
(65/75/90/110/130)

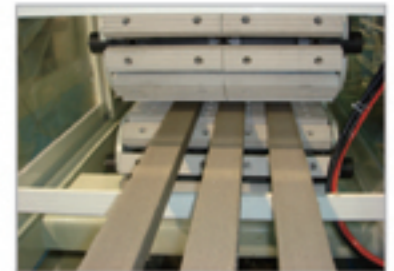
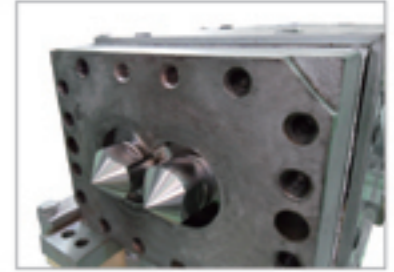
> EXTRUSION LINE



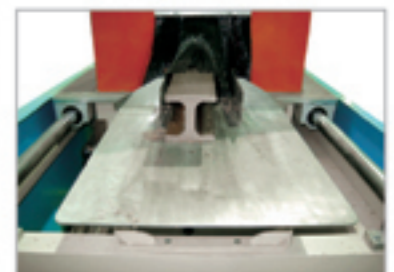
- Material preparation, compounding
- Extruder-plasticizing in the extruder, we offer two types of extruder line
 1. Double stage types: Segmented twin screw extruder + single screw extruder
 2. Double stage type: Parallel twin screw extruder + single screw extruder
- Die head - sizing tooling: special design for wood plastic composite
- Downstream equipment: calibration table, haul off unit, cutter, stacker
- Accessory machine: embossing, printing, brushing, lamination, veneering.....



Segmented twin screw extruder + single screw extruder



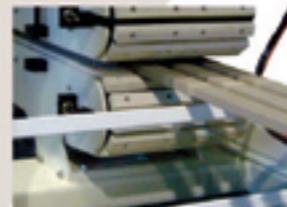
Parallel twin screw extruder + single screw extruder



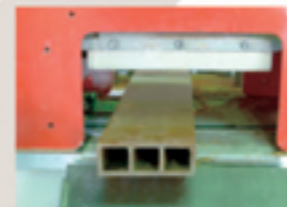
Calibration Tank



Calibration Tank

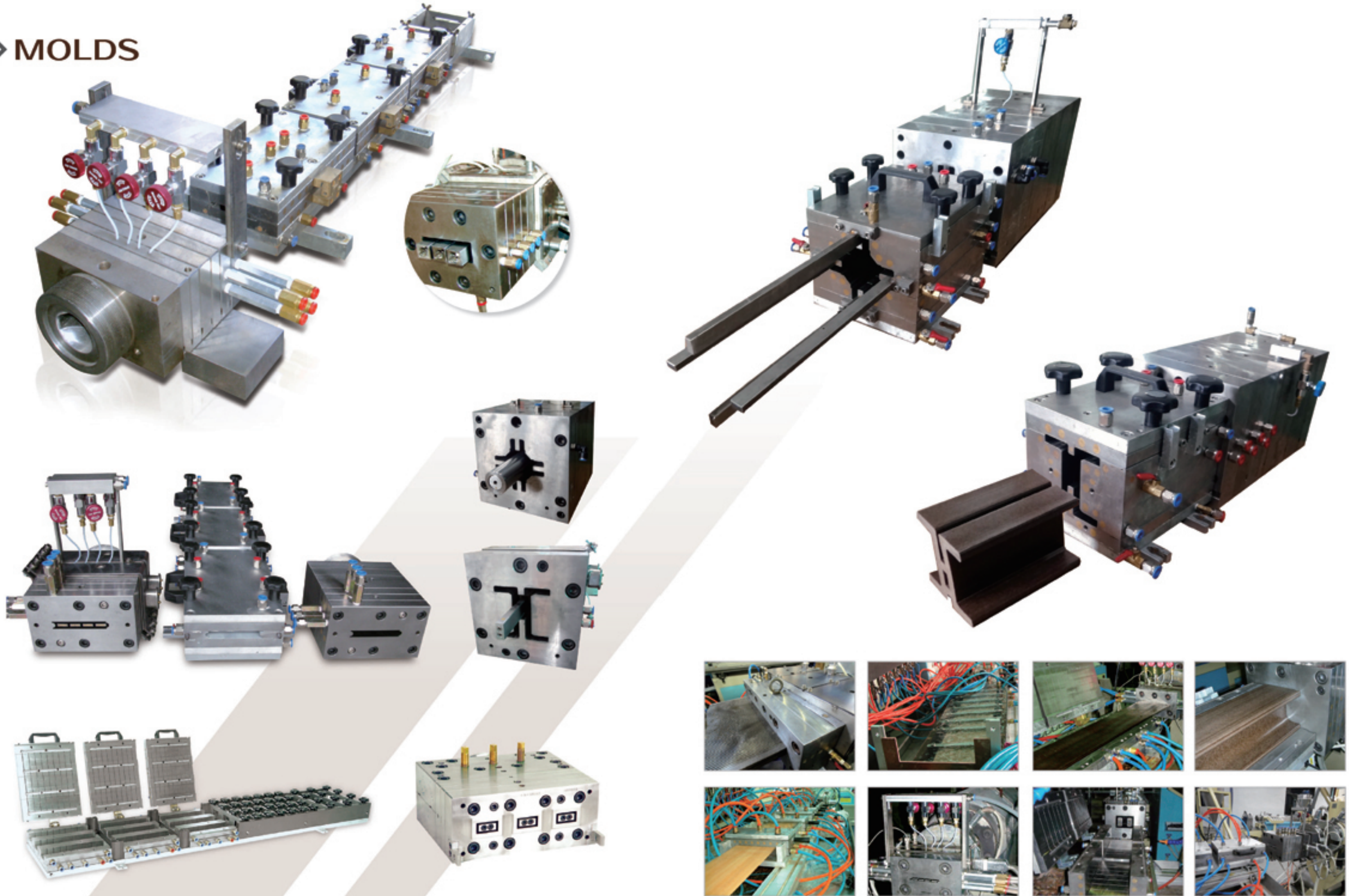


Haul-Off

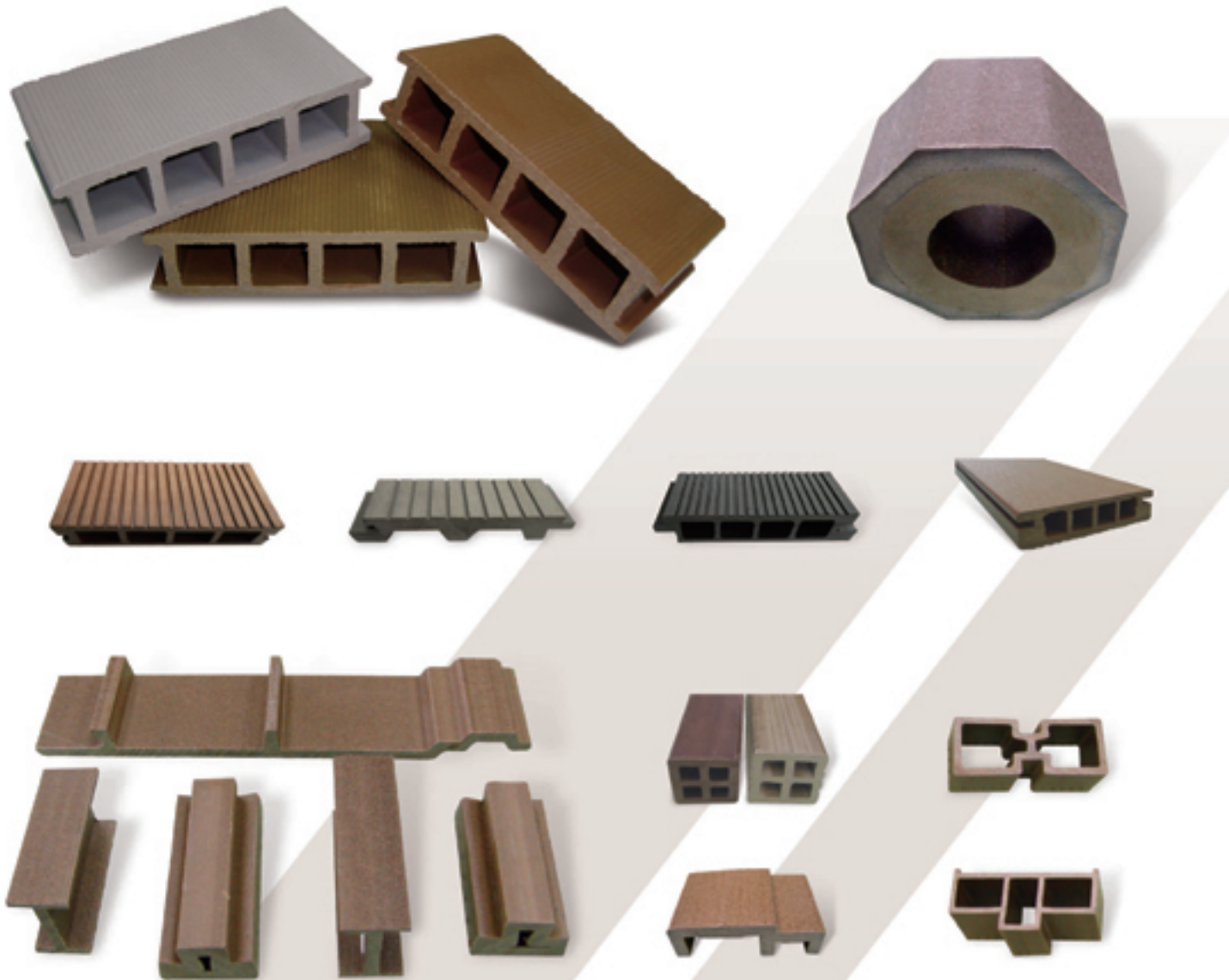
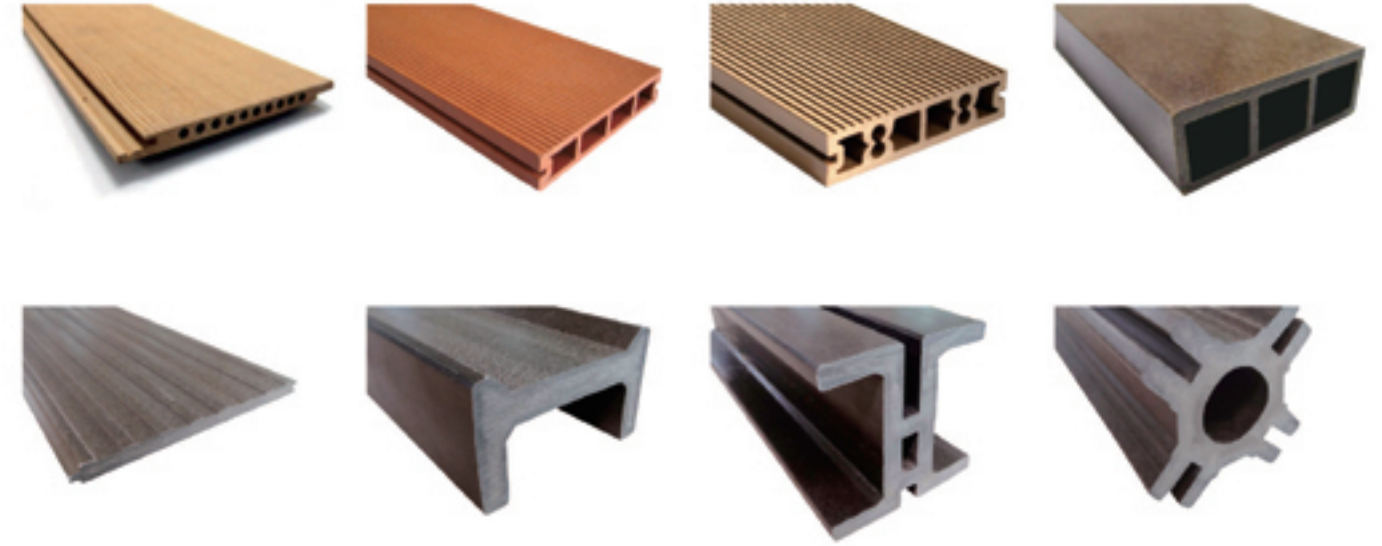
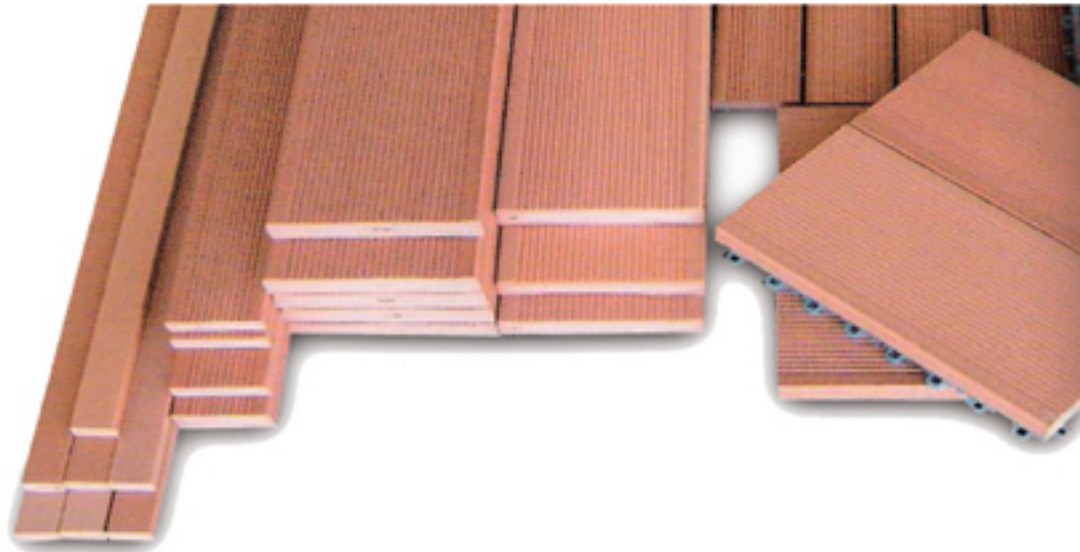


Cutter

> MOLDS



> WPC SEMI-FINISHED PRODUCTS



> WPC PRODUCTS

- Outdoors: Decking, railing, summer house, pathway, ground railing, balustrade, pavilion...
- Indoor: Flooring, trash cans, roof tile fixed strip
- Accessory of furniture: Picnic table, chairs...



Balustrade



Picnic Table



Pavilion



Bridge



Outdoor Furniture Trash Can Flooring Ground Railing Chair Signboard



Roofing



Outdoor Bench



Outdoor Stair



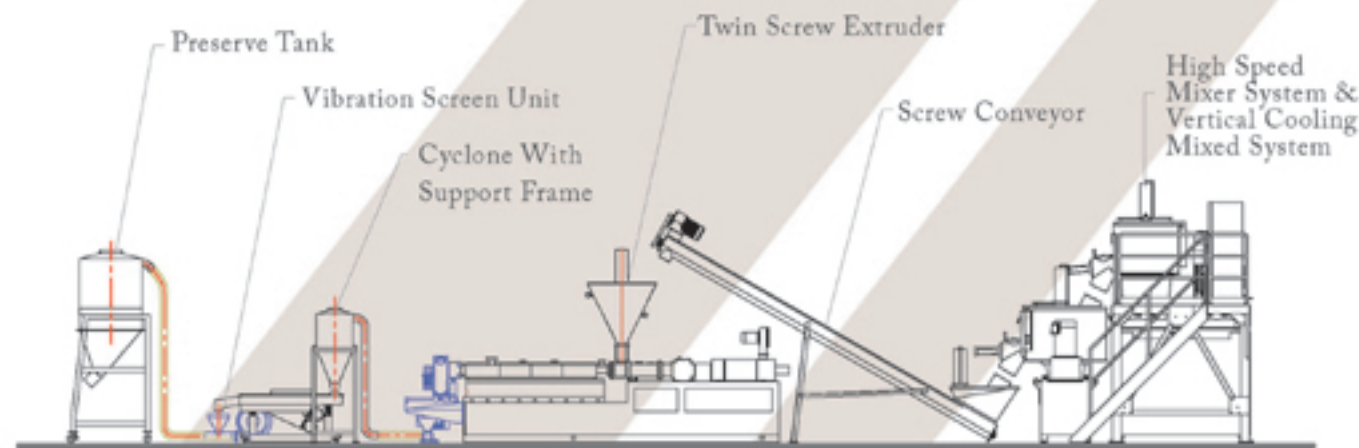
Outdoor Chair



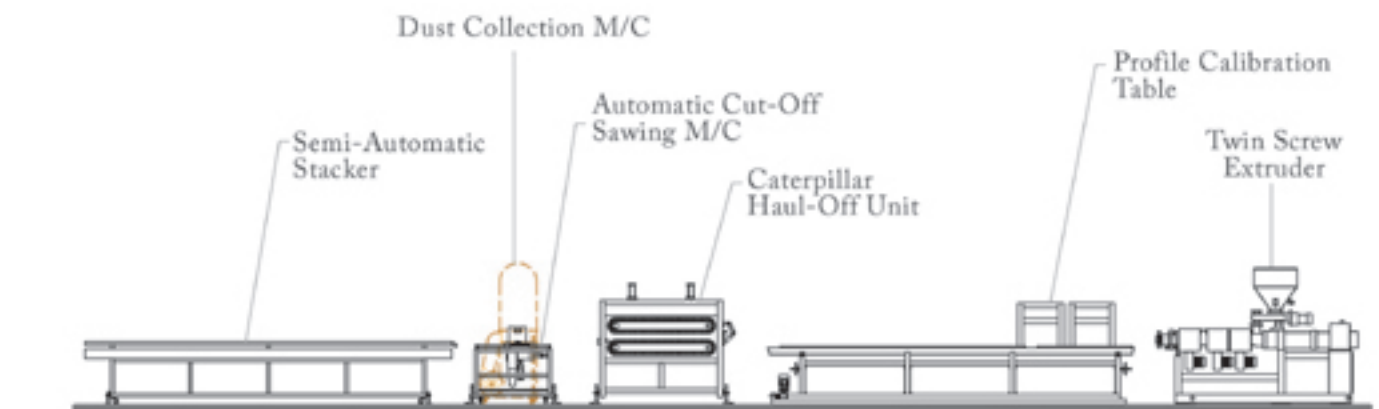
WPC After Sanding



WPC After Brushing



>WOOD POWER MIXER UNIT & WPC TWO STAGE COMPOUNDING LINE



>TWIN SCREW EXTRUDER LINE

> SINGLE SCREW EXTRUDER



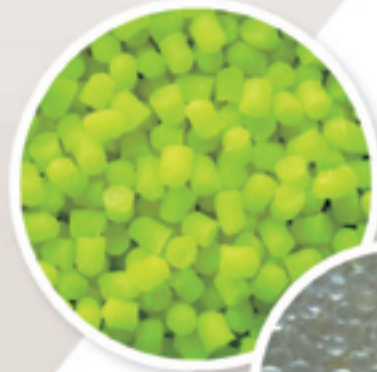
EMS-75 Single Screw Extruder



EMS-100 Single Screw Extruder



EMS-120 Single Screw Extruder



> TWIN SCREW EXTRUDER



EMD-55 Twin Screw Extruder



EMD-65 Twin Screw Extruder



EMD-65 Twin Screw Extruder



EMD-65 Compounding System



EMD-75 Twin Screw Extruder

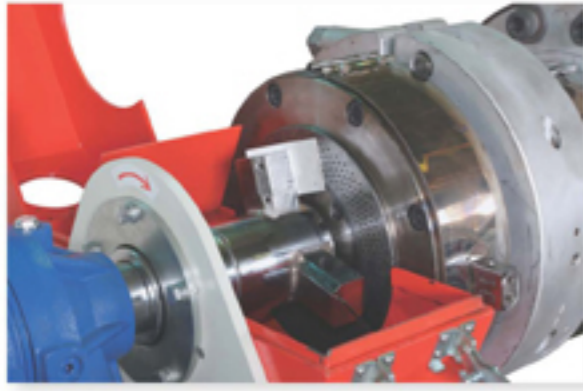


Cutting Face

>Specification

Specification	Type	EMD-65
Suitable		PVC
Screw Dia(M/M)		65
Screw L/D		24-28
MAX.Screw R.P.M.		50-60
Rotation of Screw		Counter Rotation
Drive Motor(HP) AC with Inverter/DC		30
Cylinder heating(KW)		15
Flange heating(KW)		5
Cylinder cooling(KW)		1.2
No. of Barrel Heating Zone		3-4
No. of Die Heating Zone		2
No. of Flange Heating Zone		2
Hopper Size(KG)		140
Vacuum Pump(HP) Vent		2
Force Feeder		Vertical Type
Die Head		Die Face Cutting Type
Drive Motor(HP)		1
Transfer Blower(HP)		5
Cooling Unit(Vibration Motor)		0.5HP*2
Cooling Unit(Cooling Blower)		1HP*1
Catch Tank(KG)		500
Output(KG/HR)		100-180

> EMD-90 COMPOUNDING LINE



Exterior Cover



Cutting Face



EMD-90 PVC Compounding Line with Mixer



EMD-90 Twin Screw Extruder

>Specification

Specification	Type	EMD-90
Suitable		PVC
Screw Dia(M/M)		90
Screw L/D		24-28
MAX.Screw R.P.M.		40-48
Rotation of Screw		Counter Rotation
Drive Motor(HP) AC with Inverter/DC		60
Cylinder heating(KW)		28
Flange heating(KW)		6.5
Cylinder cooling(KW)		1.6
No.of Barrel Heating Zone		4-5
No.of Die Heating Zone		2
No.of Flange Heating Zone		2
Hopper Size(KG)		195
Vacuum Pump(HP) Vent		3
Force Feeder		Vertical Type
Die Head		Die Face Cutting Type
Drive Motor(HP)		2
Transfer Blower(HP)		7.5
Cooling Unit(Vibration Motor)		0.5HPx2
Cooling Unit(Cooling Blower)		1HPx1
Catch Tank(KG)		500
Output(KG/HR)		250-450

> EMD-130 COMPOUNDING LINE



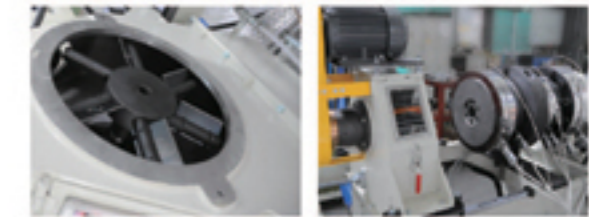
EMD-130 Twin Screw Extruder



EMD-130 Twin Screw Extruder



EMD-130 Compounding System



Cutting Knife

Cutting Unit

>Specification

Specification	Type	EMD-130
Suitable		PVC
Screw Dia(M/M)		130
Screw L/D		24-26
MAX.Screw R.P.M.		35-42
Rotation of Screw		Counter Rotation
Drive Motor(HP) AC with Inverter/DC		150
Cylinder heating(KW)		60
Flange heating(KW)		12
Cylinder cooling(KW)		2.4
No.of Barrel Heating Zone		6-7
No.of Die Heating Zone		3
No.of Flange Heating Zone		2
Hopper Size(KG)		195
Vacuum Pump(HP) Vent		5
Force Feeder		Vertical Type
Die Head		Die Face Cutting Type
Drive Motor(HP)		2
Transfer Blower(HP)		10
Cooling Unit(Vibration Motor)		1HPx2
Cooling Unit(Cooling Blower)		1HPx2
Catch Tank(KG)		1000
Output(KG/HR)		700-1500



EMD-130 Compounding Line with Mixer

> CONICAL TWIN SCREW EXTRUDER



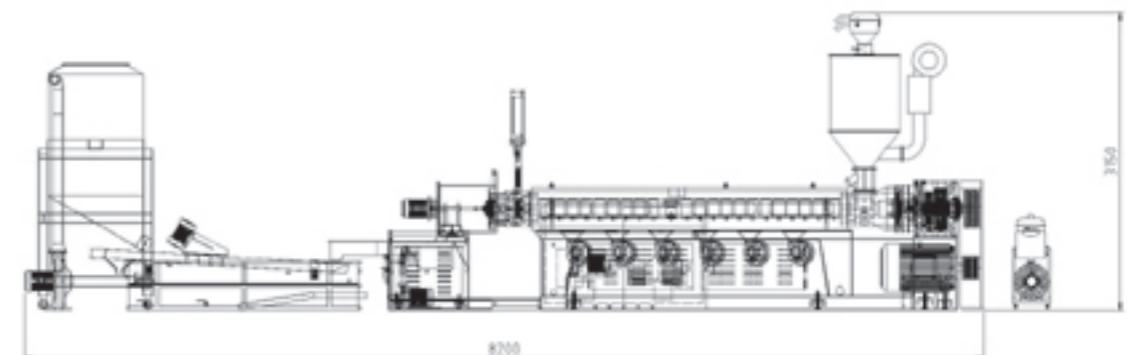
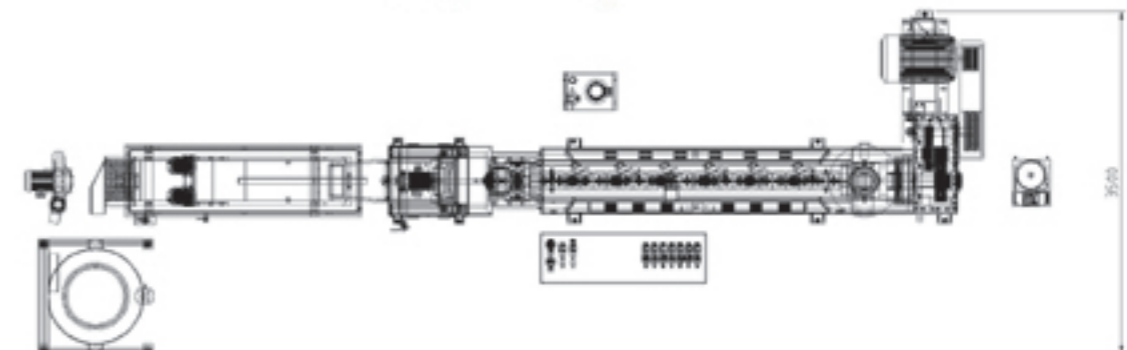
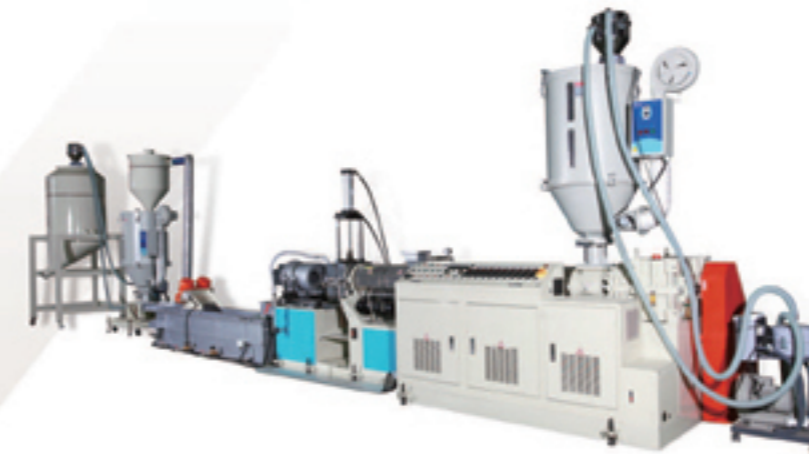
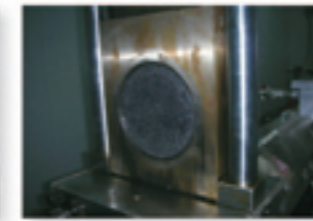
EMD-65 Conical Twin Screw Extruder



EMD-80 Conical Twin Screw Extruder



> ABS COMPOUNDING LINE



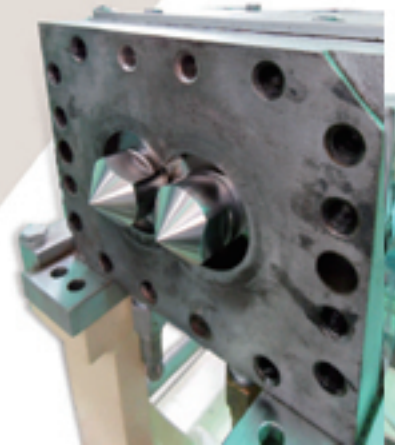
> PE COMPOUNDING LINE



EMD-58 Segmented Type Extruder



Water Wing Compounding Line (Vertical Type)



> EVA COMPOUNDING LINE



EVA Compounding Line



EVA Compounding System

