

› MAIN PROFILE EXTRUSION LINES AVAILIABLE

1. WOOD PLASTIC COMPOSITE
2. PVC FOAM PROFILES
3. PVC WINDOW / DOOR COMPLETE PLANT
4. PVC RIGID / FLEXIBLE PROFILES
5. PVC TRUNKINIG 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. DIA. 1200mm
2. PVC PIPE RANGE TO MAX. DIA. 630mm
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 DIE UPTO DIA. 630mm
11. PE DIE UPTO DIA. 1200mm

› MAIN COMPOUNDING LINES AVAILABLE

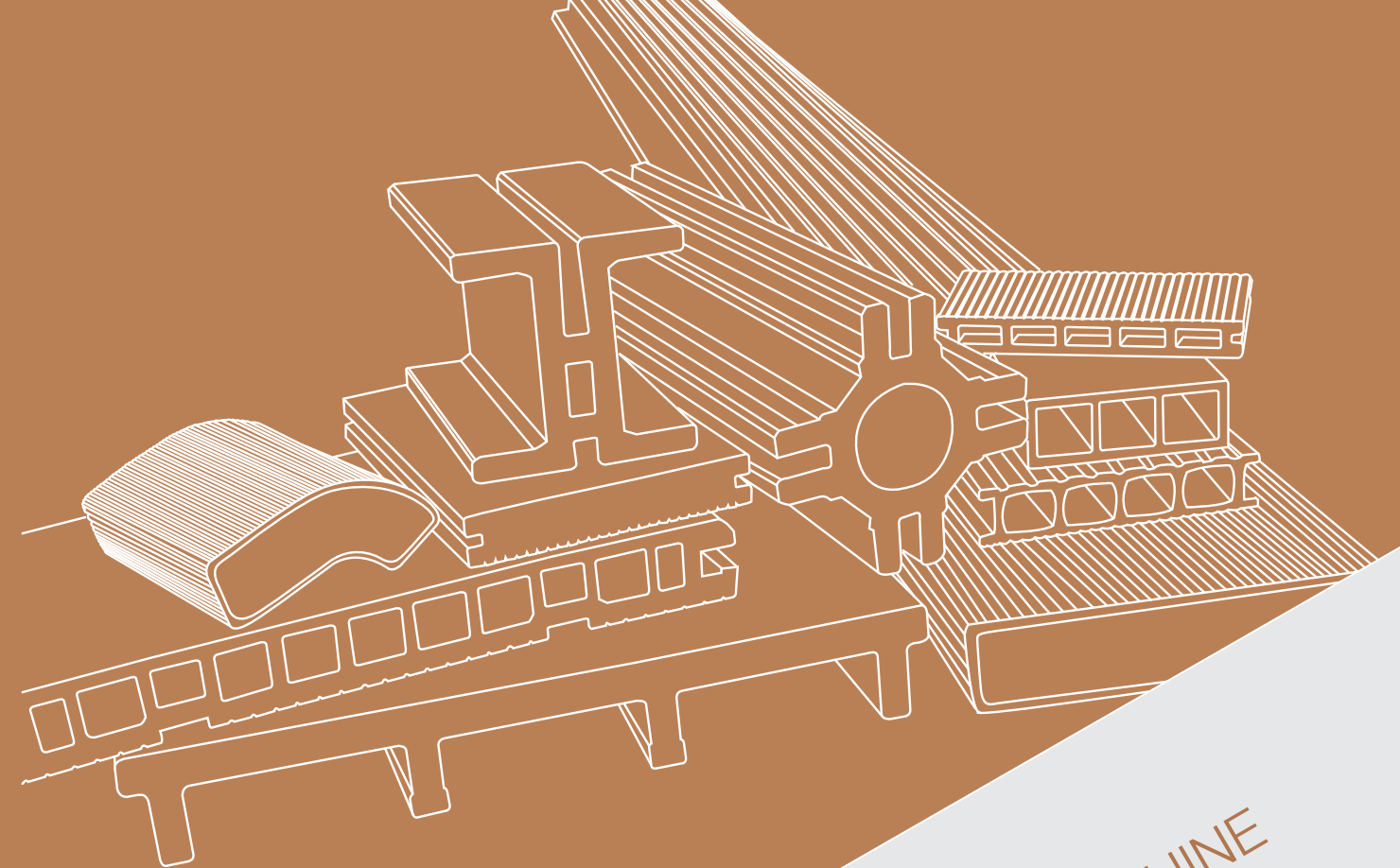
1. PVC COMPOUNDING
2. PE COMPOUNDING
3. WPC COMPOUNDING
4. ABS COMPOUNDING
5. EVA COMPOUNDING
6. CPVC COMPOUNDING

› 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

› ACCESSORIES

1. MIXER AND COOLER
2. PRINTING MACHINE



**WPC
EXTRUSION MACHINE**
we offer turnkey and total solution



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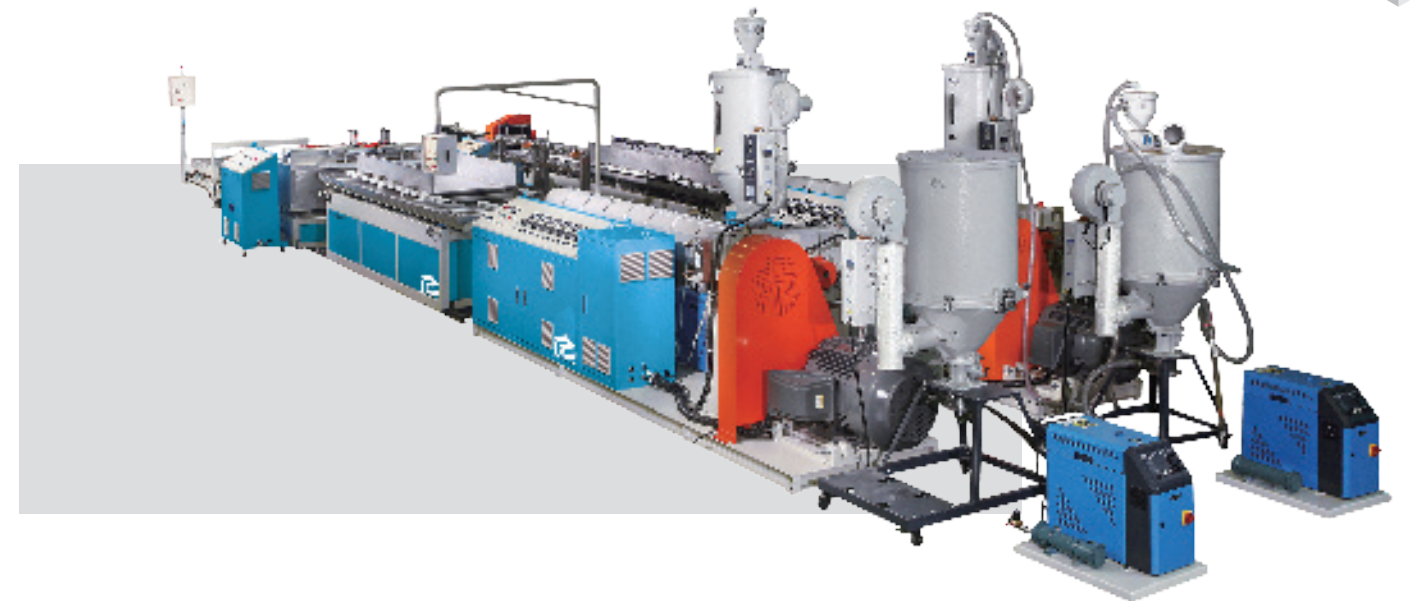


Extrusion Line

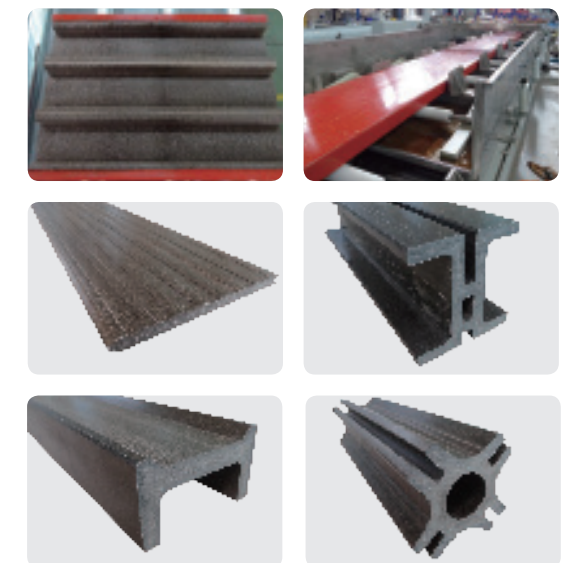
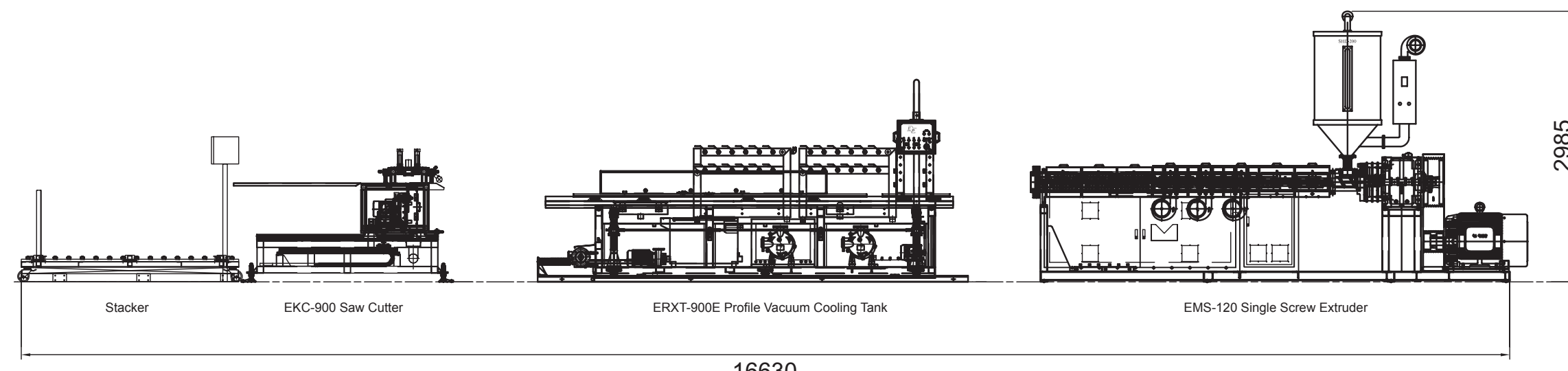
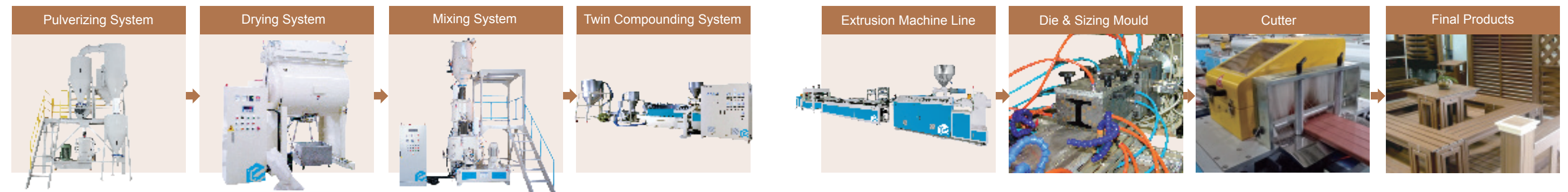


Using natural fiber in extruding profiles is getting popular. People try to develop new properties of the finished Wood Plastic Composite (WPC), such as PP/PE resin mixing 40-80% natural fiber or PVC mixing 40-70% natural fiber then produce different kinds of profiles.

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.

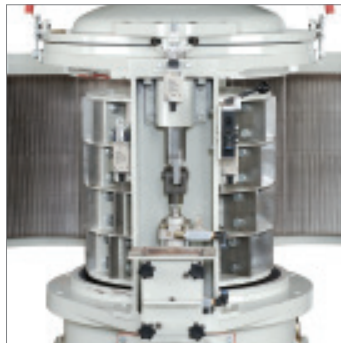


WPC Materials Main Production Process Flow



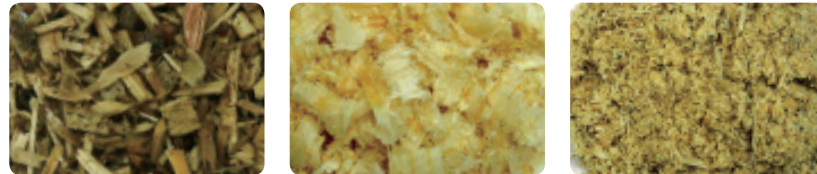
Pulverizing System

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 quit 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

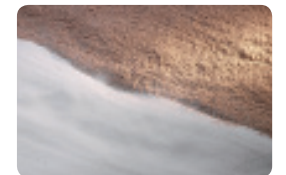
Dosing :

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.

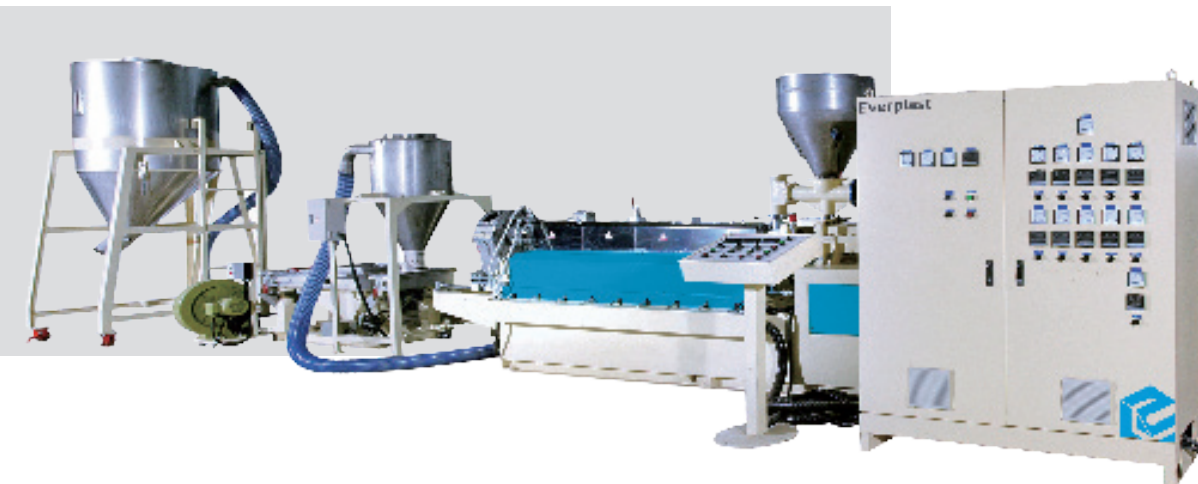
All system incorporate proven process engineered feed screw designs with optional venting, side feeding and complete process feed systems for volumetric, gravimetric weigh blending or starve feeding of the materials provided as required.



Conical Twin Screw Compounding System (55/110 · 65/132 · 80/156)



EMD-58S Segmented Twin Screw Compounding System

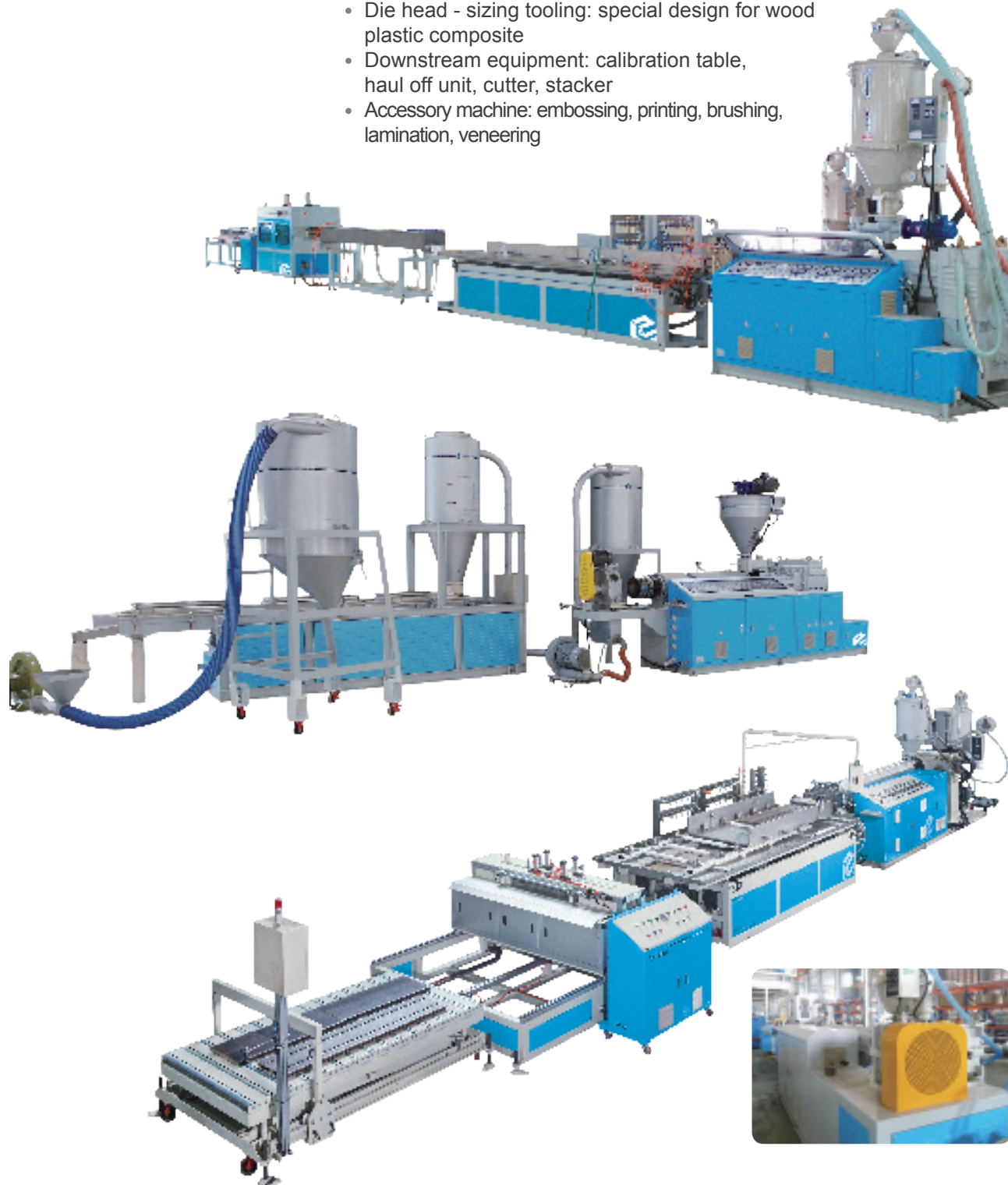


Parallel Twin Screw Compounding System (65/75/90/110/130)

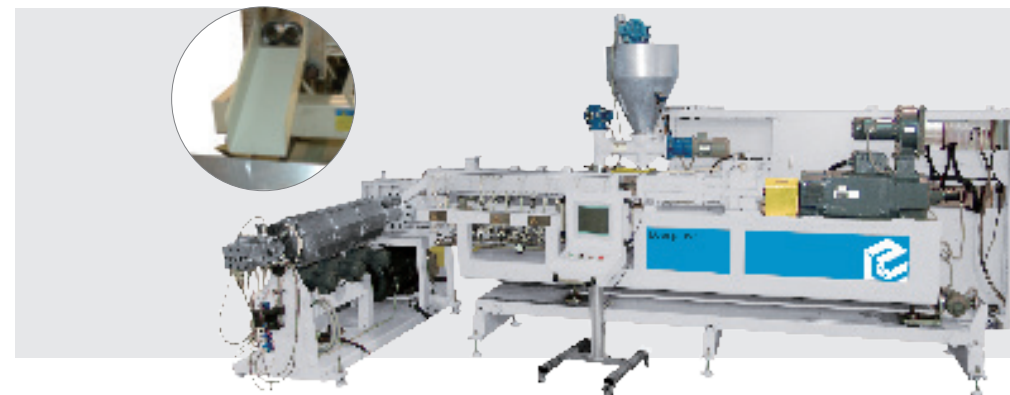


Extrusion Line

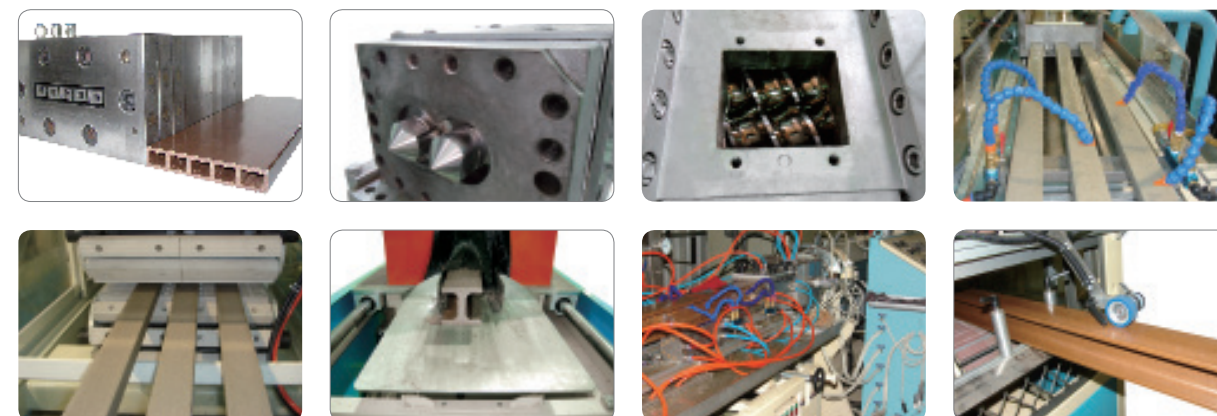
- Material preparation, compounding
- Extruder-plasticizing in the extruder, we offer two types of extruder line
 1. Double stage types: Segmented twin screw extruder + single screw extruder
 2. Double stage type: Parallel twin screw extruder + single screw extruder
- Die head - sizing tooling: special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



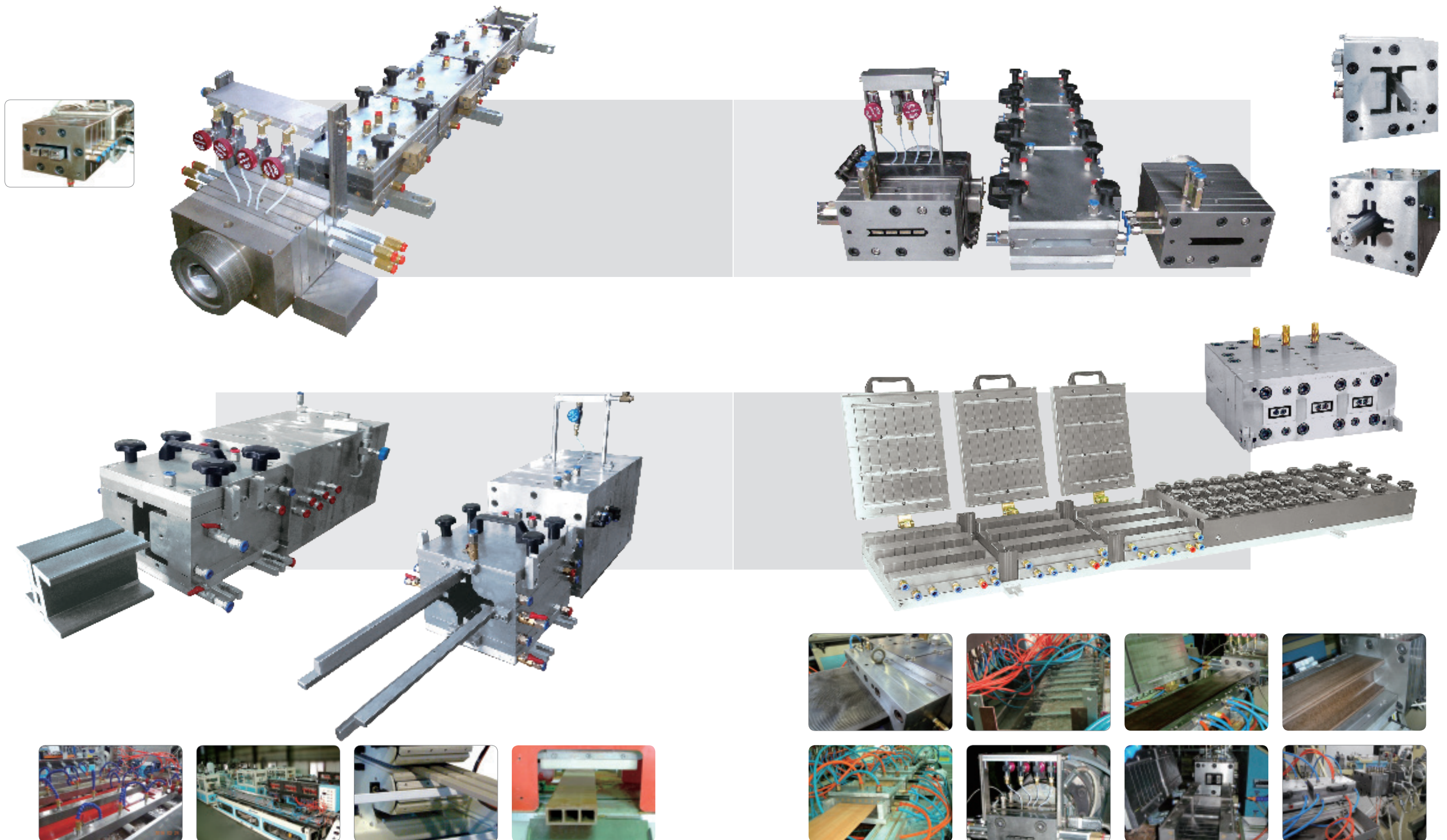
Segmented Twin Screw Extruder + Single Screw Extruder



Parallel Twin Screw Extruder + Single Screw Extruder



Molds



Calibration Tank



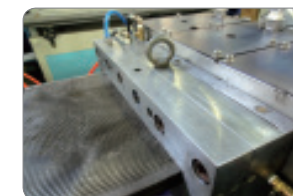
Calibration Tank

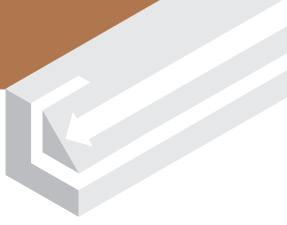


Haul-off

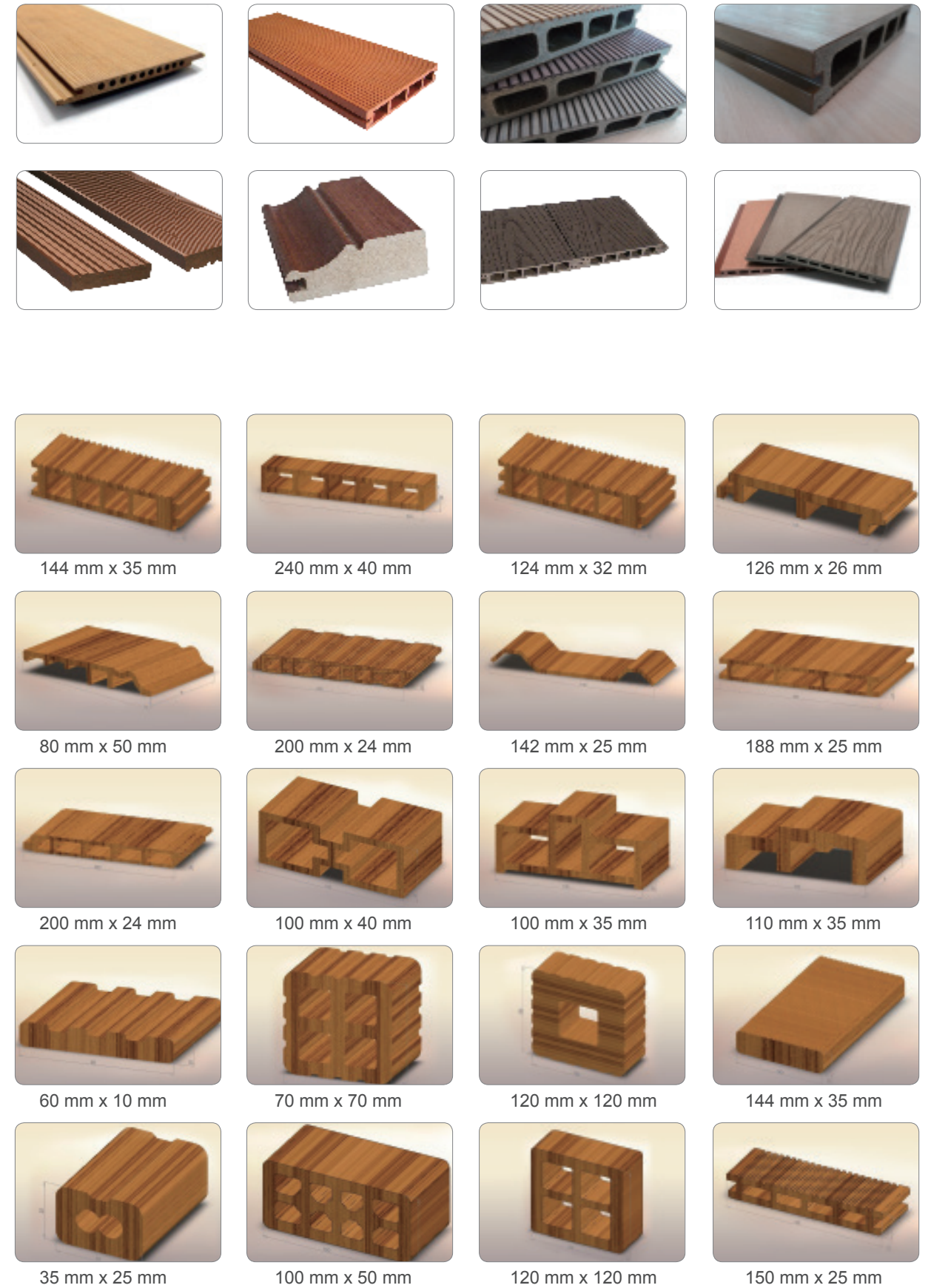


Cutter





WPC Semi-Finished Products

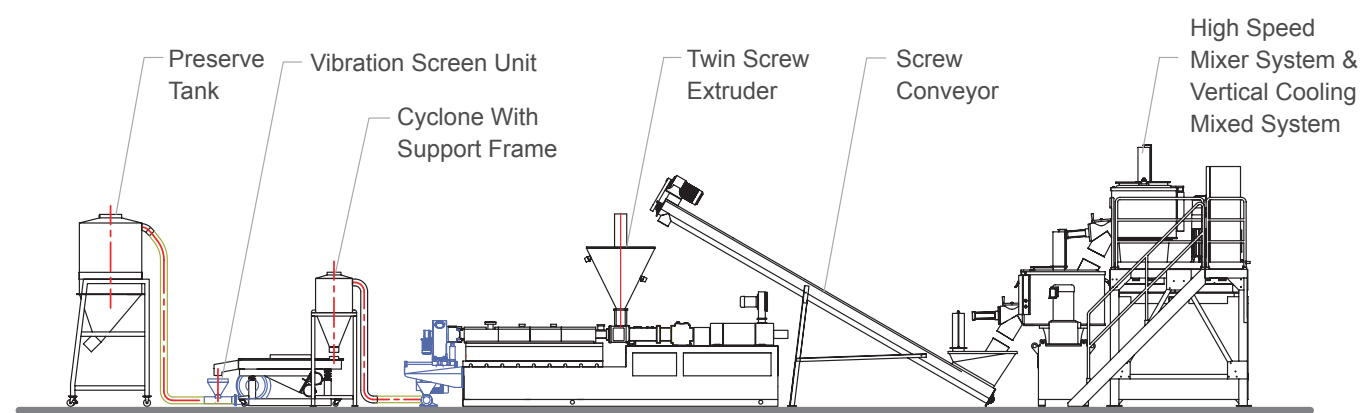


WPC Products

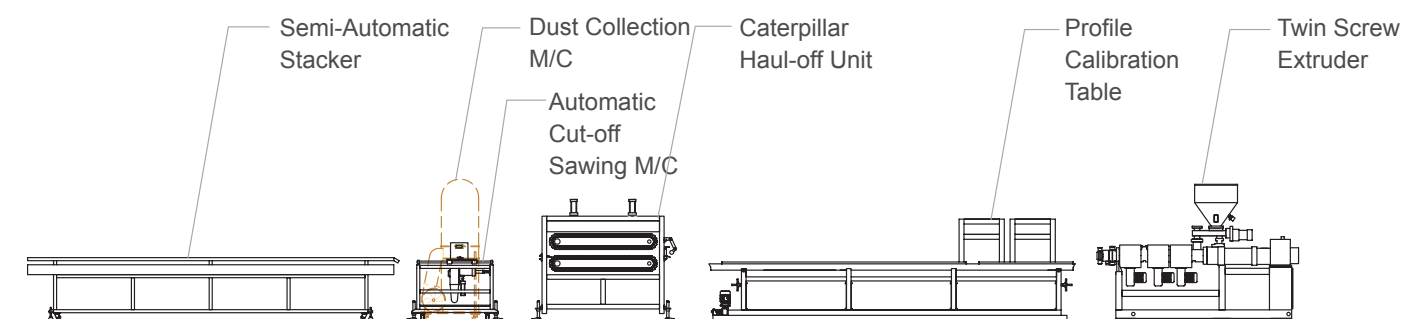


Balustrade

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



Wood Power Mixer Unit & WPC Two Stage Compounding Line



Twin Screw Extruder Line



Pavilion



Bridge



Picnic Table



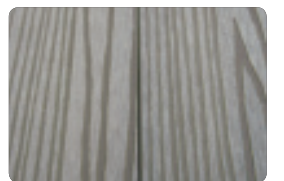
Steel Brush Machine



WPC After Brushing



Embossing Machine



WPC After Embossing



Outdoor Furniture



Trash Can



Flooring



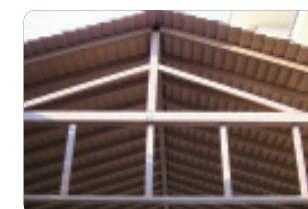
Ground Railing



Chair



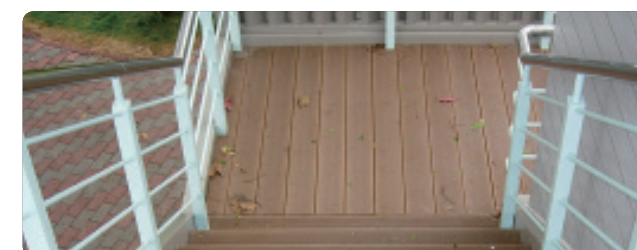
Signboard



Roofing



Outdoor Bench



Outdoor Stair



Outdoor Chair