



HAO YU

Since 1980

One Stop Solution for...

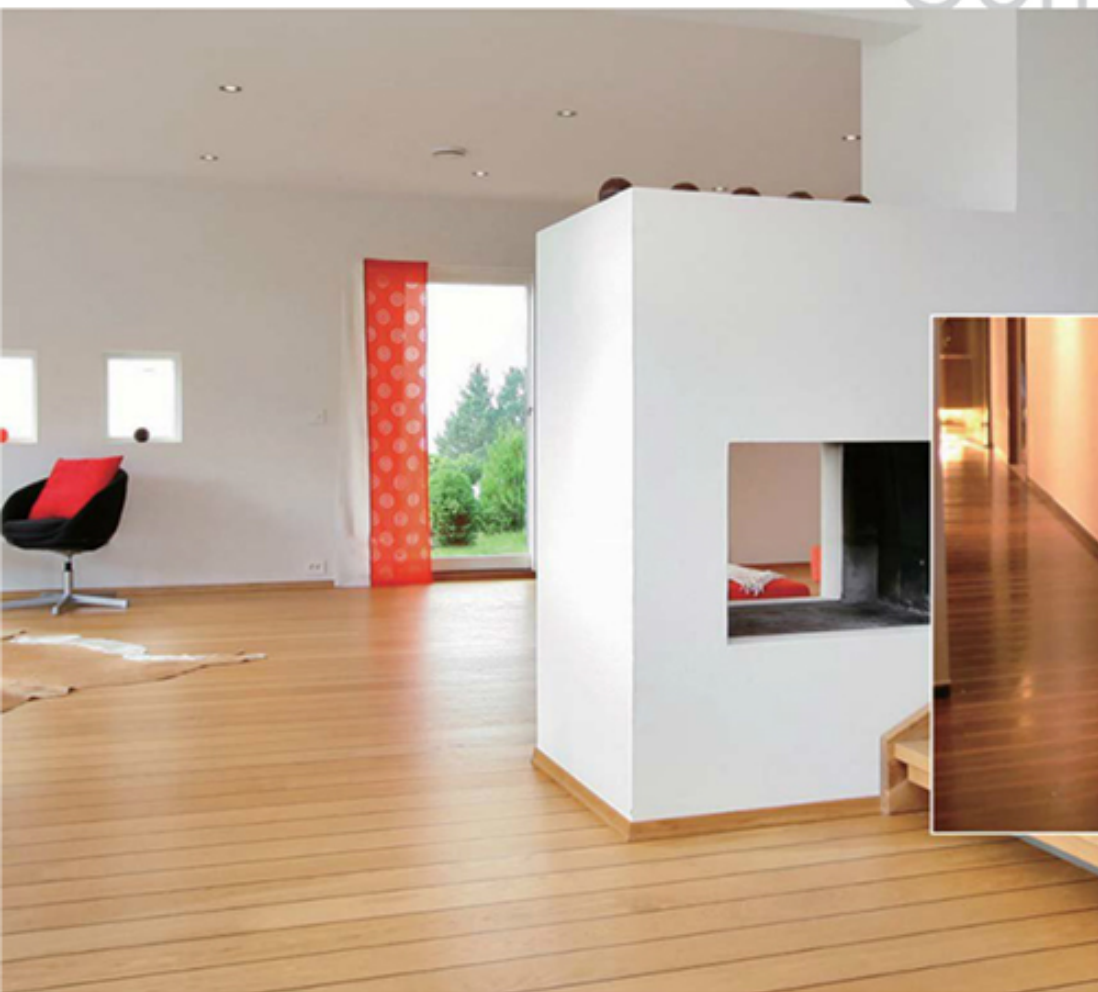
W.P.C.

**Wood Plastic Composite Profile
Extrusion Plant**

HAO YU Precision Machinery Industry Co., Ltd.

www.hao-yu.com.tw

Company Introduction



HAO YU Precision Machinery Industry Co., Ltd. is a special and professional manufacturer of PP/HDPE woven bag machinery and whole plant equipment. Since its establishment in 1980, Hao Yu has been dedicated to the research and development of high performance machinery. Our dedication to continuous research and development is the reason for the excellence of Hao Yu machines. Our objective is to enhance our present machinery and develop new models that improve the efficiency, product quality, energy saving and profitability for our customers.

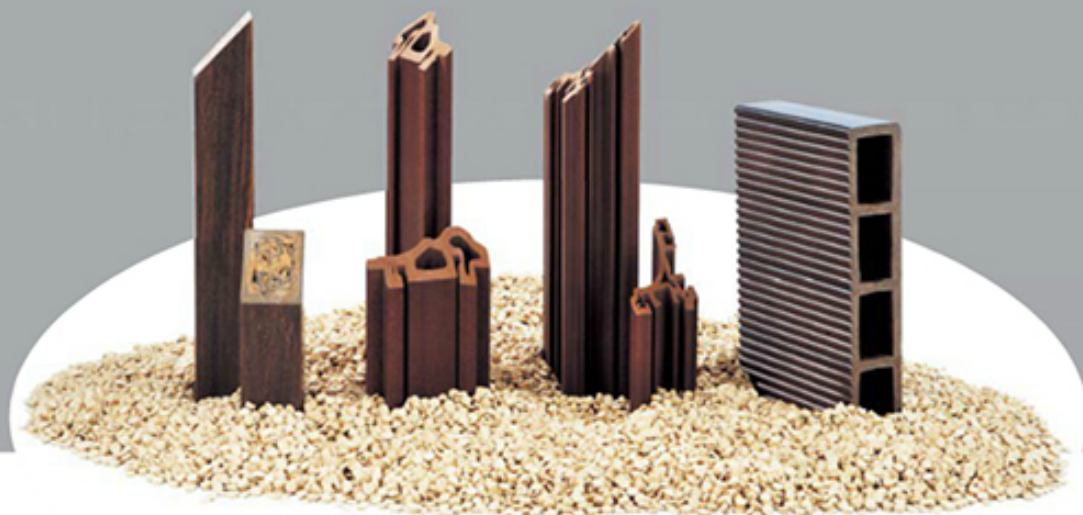
Since year 2000 Hao Yu developed the new processing technology of Wood Plastic Composite Resin / profile machines and turn-key project solution. By our years of researching & development experience, we could provide high quality products making technology and offer fruitful working experience to back up our customer.

From the beginning, Hao Yu has focus its energy on the development of advanced PP/HDPE woven bag and wood plastic composite products making machines, incorporating the latest ideas in technology. Hao Yu machines have been supplied to over 70 countries and have received the full satisfaction of our customers. This level of dependability is achieved through outstanding engineering efficiency, continuous research & development, the rigorous quality control, combined with our strong commitment to customer services. In addition, our engineering ability has earned us "The 3rd & 5th R. O. C. Golden Dragon Award", "1st praise of Taiwan new packaging machinery designing in 2008", etc... However we never stop improving our technology. The future and continuous success of Hao Yu depends upon further servicing our customers with high quality machines that fully meet their requirements.

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A wide variety of applications of wood plastic composite products.



Door Frames

Picture Frames

Furniture Components

Spacing Panels

Bathroom / Kitchen



Decoration

Everyday Goods

Decorative Items

Industrial Parts

Building Materials



OUTSTANDING

Features of Wood Plastic Composite

- The new wood plastic composite is similar to wood in look, feeling and smell, but with better performance than wood.
- Resistant to water, insects, corrosion and mildew.
- Ideal for applications in highly moist environments.
- Lightweight and durable.
- Superior dimensional stability.
- Recyclable to meet environmental protection requirements.
- No surface finishing is required.
- Functions the same as natural wood, but with more advantages.





PELLETIZER PLANT FOR WOOD PLASTIC COMPOSITE RESIN

Production from 250 kgs/h / Designed from PVC+Wood flour fillers



Chemical ingredients
+
Wood flour fillers



PVC



High speed mixing



Cooling & Blending



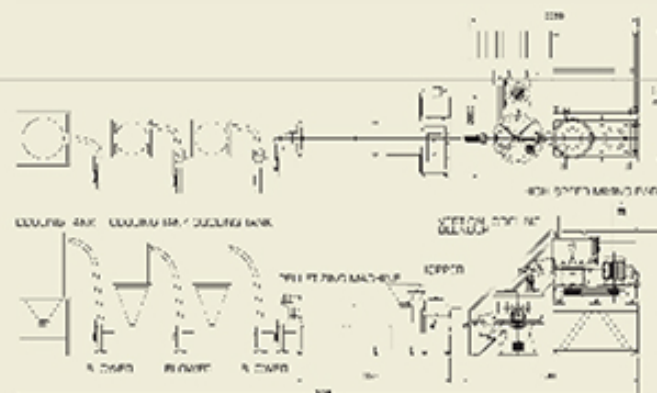
Pelletizing



WPC Resin

Optional Accessories

- Chiller
- Humidity tester
- Wood flour drier a
- Wood flour grinder b
- Water cooling tower
- Movable electronic balance with portable sewing machine





High Speed Mixer + Vertical Type Cooling Blender

HY7/WPC-CP-300L

HY7/WPC-CP-600L



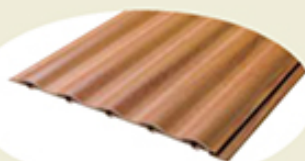
Pelletizer Extrusion Line

HY7/WPC-P120

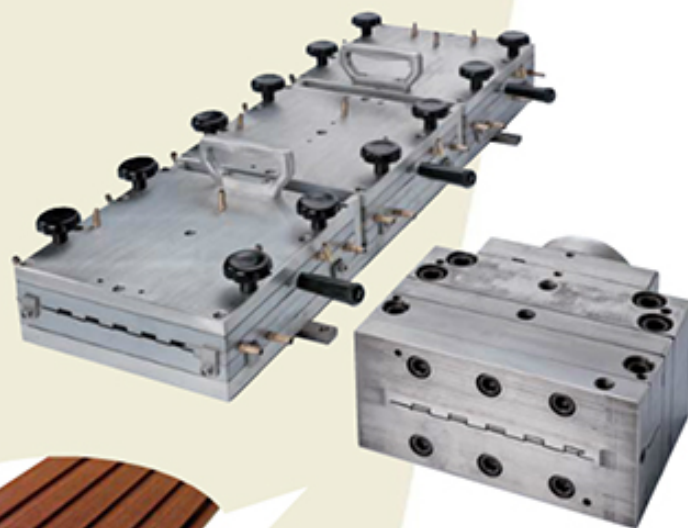


MOULDS FOR WPC PROFILES

The wood plastic composite products are manufactured through extrusion process, which is ideal for bulk production. Besides, product diversity can be obtained effortlessly - simply mounting different mold heads. We provide molds for different WPC profiles which are used as flooring, wall panel, skirting board, strips, bars and so on. Choose the molds and replace by easy operation, efficient and effective WPC production is just at your finger tip.



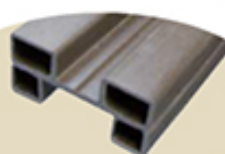
Wall & Ceiling Panel



Wall & Ceiling Panel



Skirting Board



Outdoors decking



Seaming Strip



Decoration Strip

WPC PROFILE EXTRUSION LINE



MAIN EXTRUDER



COOLING STATION



TAKE-OFF UNIT



CUTTING DEVICE



STACKER

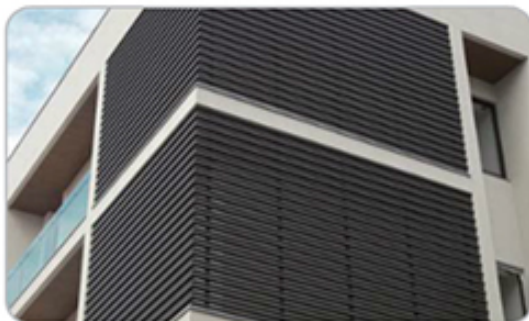


- Chiller
- Crusher
- Embossing unit
- WPC resin drier / Mixer
- Water cooling tower
- Surface brushing unit



Model	HY7-ME50	HY7-WP70	HY7-WP100	HY7-WP120	HY7-WP150
Extruding Capacity (kgs / hr)	0~20	30~65	70~100	90~140	130~200
Screw Diameter (mm)	Ø50 mm	Ø70 mm	Ø100 mm	Ø120 mm	Ø150 mm
Screw L / D Ratio	25:1	25:1	25:1	25:1	25:1
Barrel Vacuum System	--	Equipped	Equipped	Equipped	Equipped
Driving Motor	7.5 HP with inverter	20 HP with inverter	50 HP with inverter	60 HP with inverter	75 HP with inverter
Temperature Control (points)	4	6	7	9	10
Take-Off Unit	--	Caterpillar	Caterpillar	Caterpillar	Caterpillar
Driving Motor	--	3 HP with inverter	5 HP with inverter	5 HP with inverter	5 HP with inverter
Cutting Device	--	Pneumatic control	Pneumatic control	Pneumatic control	Pneumatic control
Driving Motor	--	2 HP	2 HP	3 HP	3 HP

Design and specifications are subject to change without prior notice.



HY7-WP70



HY7-ME50
MOVABLE CO-EXTRUDER





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