

# WOOD-PLASTIC COMPOSITE LINE

Wood Plastic Composite (WPC), nowadays, is one of the most charming products in plastic industry. Thanks to concerns on our environment and enormous demands, WPS is becoming more and more popular all across the world. The market, now, has transferred from North America and EU to other countries. It is expected that WPC should replace wood in the near future.

WPC not only presents woody texture, beautiful and elegant outlook, but also has plastic characteristics, such as anti-acid, antiseptic, fireproof, waterproof, etc. Moreover, WPC can be totally recycled and reproduced, dramatically reducing cost and influence on the environment.



## Advantages of Our Production Line:



1. High quality: several patents, advanced design, all-around service, independent research team, and abundant experience in WPC.
2. Official certificate: ISO9001  
CE Certificate
3. Long life time: screws and machine barrels are made of high-quality materials and specially processed. The working life is up to 15,000 hours.
4. Advanced control system: the production process can (be assured) rely on PLC control system and Omron sensors.
5. Famous international accessories: Siemens, Omron, ABB, etc.

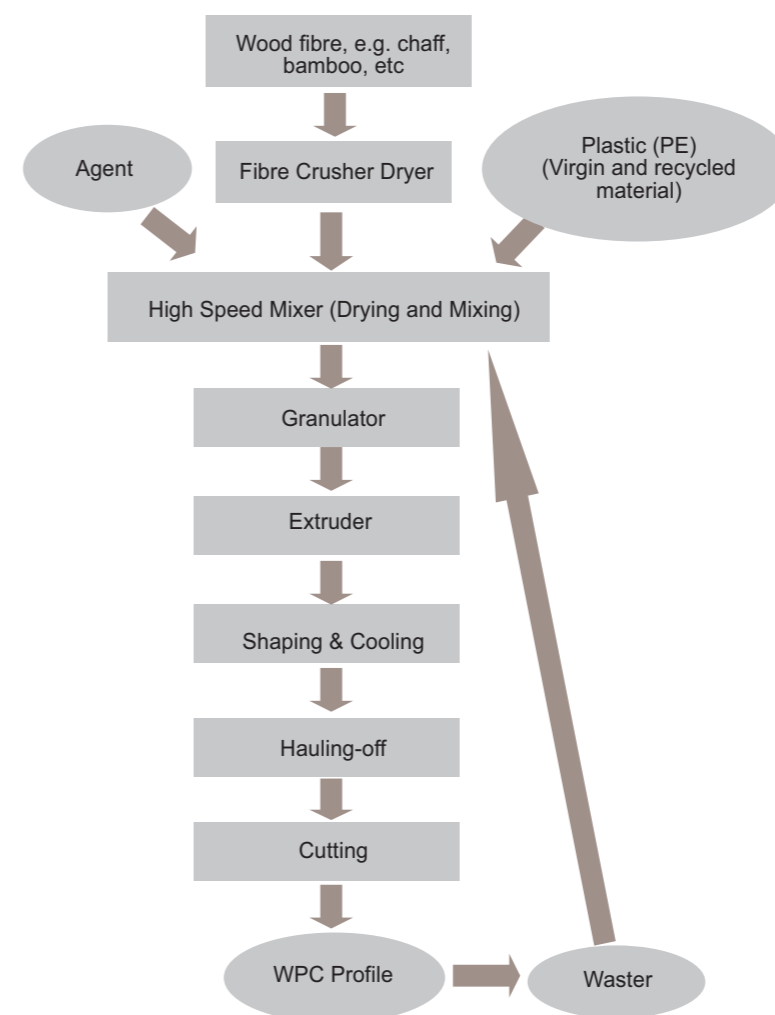
6. Low energy consumption: Our production line, compared with counterparts in China, can save up to 50% energy cost.

7. Wide usage of raw materials: PP, PE, PVC, ABS, etc

Various wood powder and/or plant fiber

8. Excellent mixing ratio: Up to 70 percent of wood powder could be added, under the control of some special formulas.

## Flow Chart:



## Main Parameters:

ITEM	HIM-WPC-80	HIM-WPC-120	HIM-WPC-200
Capacity, kg/h	55~80	85~120	125~200
Extruder (Specific for WPC)	SJSZ-65	SJSZ-80	SJSZ-92
Extruder Heating Power, kw	24	36	46
Main Motor, kw	55	74	110
Main Transducer	ABB	ABB	ABB
Contactora	Siemens	Siemens	Siemens
Vacuum shaping machine	ZDT-400	ZDT-600	ZDT-800
Hauloff	QY-400	QY-600	QY-800
Cutting Machine	QG-400	QG-600	QG-800
Total Power, kw	91	124	199
Weight, kg	6500	8600	10500
Size (LxWxH), m <sup>3</sup>	16 x 1.5 x 2.3	20 x 1.5 x 2.5	22 x 1.6 x 2.7