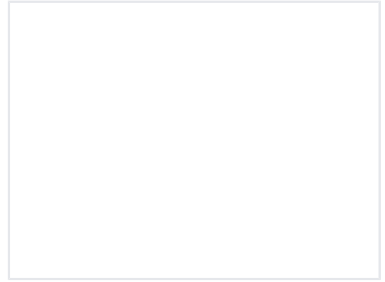


Wood Plastic Composite Production Line

This production line efficiently manufactures wood plastic composite (WPC) profiles. It integrates feeding, extrusion, cooling, and cutting processes to deliver high-quality WPC products.



ADDITIONAL IMAGES



Overview

Wood Plastic Composite Production Line

This production line offers an advanced solution for manufacturing Wood Plastic Composite (WPC) profiles by integrating high-precision feeding, extrusion, cooling, and cutting processes. Designed for versatility, the system supports a wide range of raw materials including PP, PE, and PVC, allowing for up to 70% wood powder content in the final mixture. It combines the aesthetic appeal of natural wood with the durability of plastic, providing an eco-friendly and recyclable alternative for decking, siding, and fencing applications.

Technical Specifications

Performance Metrics

| Item | HIM-WPC-80 | HIM-WPC-120 | HIM-WPC-200 |
|-----------------------------|------------|-------------|-------------|
| Capacity (kg/h) | 55~80 | 85~120 | 125~200 |
| Extruder Heating Power (kw) | 24 | 36 | 46 |
| Main Motor (kw) | 55 | 74 | 110 |
| Total Power (kw) | 91 | 124 | 199 |
| Size (LxWxH) m ³ | 16x1.5x2.3 | 20x1.5x2.5 | 22x1.6x2.7 |

Features & Benefits

System Highlights

- High efficiency with up to 50% energy savings compared to industry standards
- Advanced PLC control system with Omron sensors for precise production
- Durability: Screws and barrels designed for a service life of up to 15,000 hours
- Uses high-quality international components including Siemens, Omron, and ABB
- Material versatility: compatible with various wood powders and plant fibers

Certifications

CCC, CE, GOST, ISO9001