

PRODUCTION LINE DESCRIPTION

GENERAL DESCRIPTION

JF100 PU/Rockwool continuous sandwich panel line consists of decoiling, filming and pre-cutting, roll forming, rockwool feeding/glue spraying, pre-heating, foaming, double belts heating, double belts solidification, band saw cutting, cooling, stacking and packing system. This production line combines mechanical, electronic control, hydraulic, pneumatic, temperature control and chemical technology.

Products are widely used in industrial buildings, exterior decoration, animal husbandry, purification plant, cold storage installation, garage door plate and other fields.

FEATURES

- 01 The sandwich panel produced by this line is **beautiful and practical**, with the characteristics of heat preservation, heat insulation, sound insulation, flame retardant, waterproof, environmental protection and so on.
- 02 The production line adopts **hot air circulating heating furnace**, which makes the temperature of polyurethane foaming and curing strictly controlled in the range of use and ensures the high quality of sandwich panels.
- 03 The production line adopts **high pressure foaming system**, which has the advantage of accurate measurement, high foaming stability. Using **pentane or 141B** as foaming agent, which conforms to the environmental protection process requirements of the production line.

04 The roll forming system of this production line adopts **shaft type or box type structure**, according to the different width and thickness of the plate, the adjustment of box type structure is more convenient and reliable.

05 The production line adopts special double belts structure designing. The **200mm pitch chain plate** can reduce polygon effect, overcome transverse indentation of the plate surface and make the plate surface smoother. The large chain structure drives the **200mm pitch side mould** to reduce the gap effectively, overcome the overflow of raw materials, while making the side of the plate more flat and smooth.

06 The production line adopts **Servo tracking and cutting control technology**. It makes the cutting length more accurate and the error is smaller.

07 The production line adopts **PLC control human-machine interface operation**, humanized design, simple and convenient operation.

THE WORKING PROCESS LAYOUT OF PU/PIR/ROCKWOOL SANDWICH PANEL PRODUCTION LINE

