

The application on composite board & color steel tile machine

Introduction to machine

Composite board & color steel tile machine adopts the cutting edge production technology that fused the gas, electricity and machinery together to accomplish the processing of insulated composite board color steel tile. This machine adopts converter to govern in a stepwise way, which can produce corrugated composite board directly. The whole set of assembly line consists of feeding mechanism, glue, heating, composite, curling, slotted, whole edge, pneumatic and automatic cutting part. It is an essential equipment for industrial workshop, warehouse roof panel and wall panel.

The working principle of composite board & color steel tile machine is to agglutinate color steel on the both side of Inner core material with strong adhesive, formed a new building material with high strength, light weight, heat insulation, durable and artistic shape. Composite board & color steel tile machine is widely used in construction industry, like the top-floors and walls. This product has bright color without another decoration.



The system configuration and working process

A whole set of composite board color steel tile machine needs 6 frequency inverter:
Mainframe: EDS1000-4T0037G, driving 3.7Kw motors, driving spindle roller directly. The composite board products then will be formed. Frequency inverter will control the running speed of the whole equipment.

Corrugating Machine: EDS1000-4T0022G, driving 2.2Kw motors, turning moulding machine, The plane plate extruding convex, The speed signal will be given by the host

Glue pump: EDS800-2S007, driving 400w motors, providing uniform glue.

Slicer: EDS1000-4T0015, driving 1.5kw motors, pulling the tape cutter to move back and forth, Products will be cut by the length of settings.

Banding steel machine: EDS800-2S0007, two pieces, two sets of 0.4KW motors, finish edge banding on both sides of the composite board.