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## New Fashion Design for Deck Roll Forming Machine - EPS Sandwich Wall Panel Forming Machine - Haixing Industrial

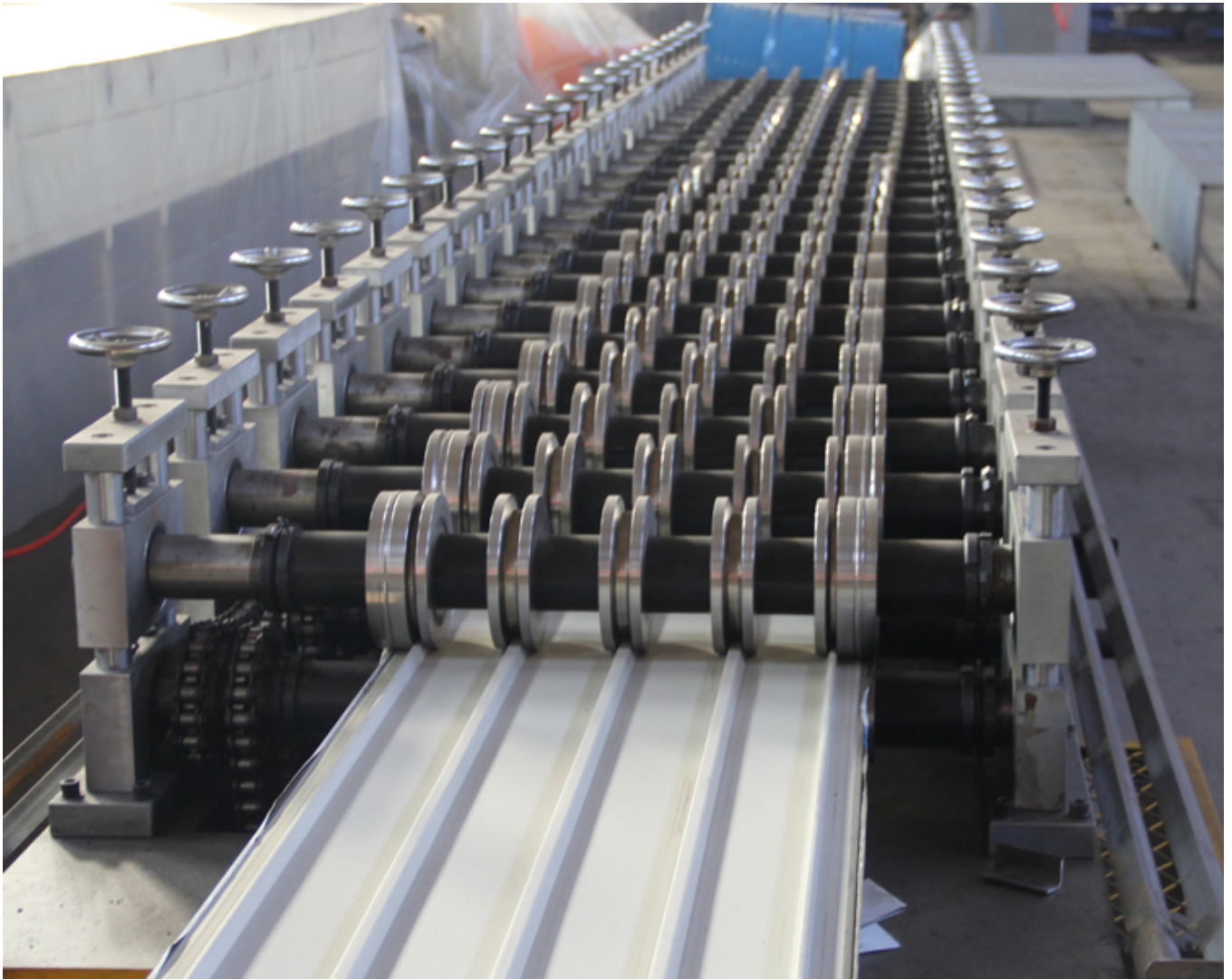
EPS sandwich wall panel forming machine includes a decoiler, main body and rear cutting equipment. The lamination system includes feed, glue, heat, lamination and post cutting.

EPS Sandwich Wall Panel Forming Machine parameters		
1	Equipment overall dimensions	30m*2.6m*3m
2	Total weight	About 16 ton
3	Control system	Omron encoder PLC
4	Main motor power	Planetary cycloid reducer, 4kw, 380V, 50HZ
5	Processing speed	4~4.5 m/min, continuous stepless adjusted, variable frequency speed regulation, digital display
6	raw material	1.2 meters
7	Voltage	380V
8	Roller material	chrome plated on 45# steel forgings
9	Number of rubber shafts	27 foams, 39 rock wool
10	Total power	30 kw
11	Synchronous controller	Digital synchronous controller
12	Corrugated press motor power	Double-stage cycloid reducer 4kw, 380V, 50HZ
13	Application	roof panel, wall panel

EPS Sandwich Wall Panel Forming Machine working flow:

- 1) Decoiling: feeding of the material for bottom metal strip.
- 2) Roll forming: producing the bottom metal strip for roof or wall panel.
- 3) EPS feeding table: placing the middle part of the sandwich panel.
- 4) Dripping glue onto the top and bottom metal strip.
- 5) Heading the strips for better adhesion of glue.
- 6) Rolling edges of the strips.
- 7) Connecting parts and roll forming together.
- 8) Make slot (milling cutting to cut the extra parts of EPS) of panels for specific length.
- 9) Confirming length.
- 10) Cutting adjusted by PLC.
- 11) Stacker table.

Machine picture display



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### Packaging and Shipping

- 1) Tighten the container with a wire rope and weld the container to the container with natural iron.
- 2) Main forming machine and un-coiler is naked (we can also use waterproof plastic packaging if needed).
- 3) PLC control system and motor pump are packed in wooden box with water proof paper coverage.

Product link : <https://www.toprollformingmachine.com/?p=14750>