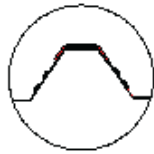
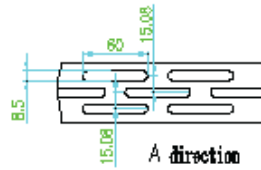
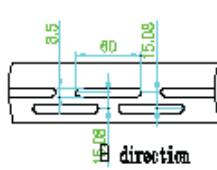
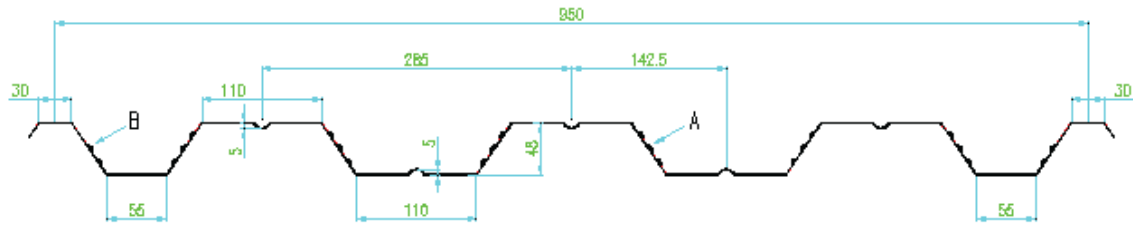


FLOOR DECK ROLL FORMING MACHINE

MODEL : YX48-285-950/H7



THICKNESS: 0.5-1.0MM
RAW MATERIALS WIDTH: 1220MM

Main composition of the Machine:

The machinery line consists of material guiding, embossing (optional), roll forming machine, hydraulic cutting system, run-out table, control cabinet with PLC

Technical parameters

1. Matching material: according to the drawing
2. Material thickness range: 0.5-1.0mm
3. Main motor power: 11KW (now the motor power is 22KW 11kw*2 sets)
Motor with cyclonical pin wheel reducer
4. Forming speed: 0-12m/min
5. Hydraulic station power: 3 KW
6. Quantity of stands: about 28 stands
7. Shaft Material and diameter: $\text{C} 95\text{mm}$, material is 40CR
8. Material Of The Stations: Guide rail style
9. Tolerance: $3\text{m}+1.0\text{mm}$
10. Way Of Drive: 1.0 inch single chain (now the size is 1.5 inch)
11. Controlling system: PLC
12. Total weight: about 15 Tons
13. Voltage: 380V/ 3phase/ 50 Hz
14. Size of the machine: L*W*H 15m*2.0m*1.6m
15. Material of forming rollers: 45# steel, coated with chromed treatment
16. Material of cutter blade: Cr 12 mould steel with quenched treatment 58-62
17. The rollers surface is mirror polished.



Cutting and the Control Cabinet:

Cutting:

- (1) Cutting motion: The main machine automatically stops and then cutting. After the cutting, the main machine will automatically start.
- (2) Material of blade: GCR12with heat treatment
- (3) Length measuring: Automatic length measuring
- (4) Tolerance of length: +/- 1.5mm

Control Box:

- A. PLC control system : Panasonic
 - B. Touch screen : MCGS
 - C. Frequency charger : Yaskawa (the old one is 11KW inventor, now we need two 11KW inventors)
 - D. Encoder : Omron
- (1) Voltage, Frequency, Phase: 380 V, 50 Hz, 3Phase (this is can depend on customer request)
 - (2) Automatic length measurement:
 - (3) Automatic quantity measurement
 - (4) Computer used to control length & quantity. Machine will automatically cut to length and stop when required quantity is achieved
 - (5) Length inaccuracy can be amended easily
 - (6). Control panel: Button-type switch and touch screen
 - (7) Unit of length: millimeter (switched on the control panel)

Working Flow:

Hydraulic de-coiling ---guiding- **embossing (optional)** ---roll forming- length sizing –cutting the panel-panels to the collecting platform— Finish

Packing List Details:

7 Tons Hydraulic De-coiler	:	x1 set
Main roll forming machine	:	x1 set
Control box	:	x1 set
Hydraulic station	:	x1 set
Hydraulic cutting system	:	x1 set
Run-out table	:	x2 sets
Cutting mould	:	x1set
Tools and components	:	x1 set