



LAROSA
Hardware & Equip. Co. L.L.C
Machinery Consultant & Supplier Since 1996

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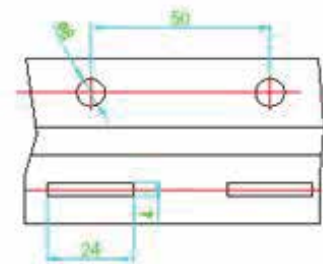
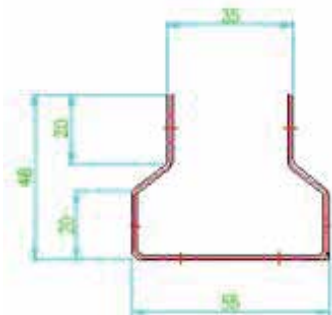
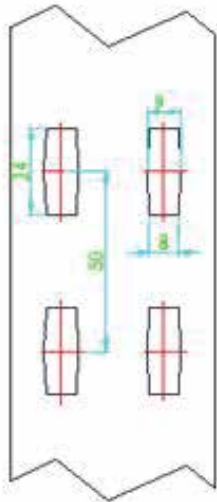
Industrial Area 2,
P.O Box : 41007,
Sharjah-U.A.E

UPRIGHT PROFILE ROLL FORMING MACHINE

Model: YX35-48-55



Work Peice Drawing



FALKON
MAC

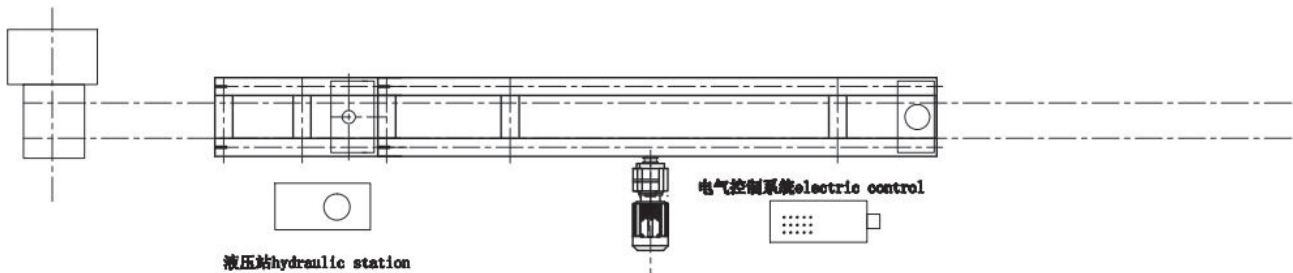
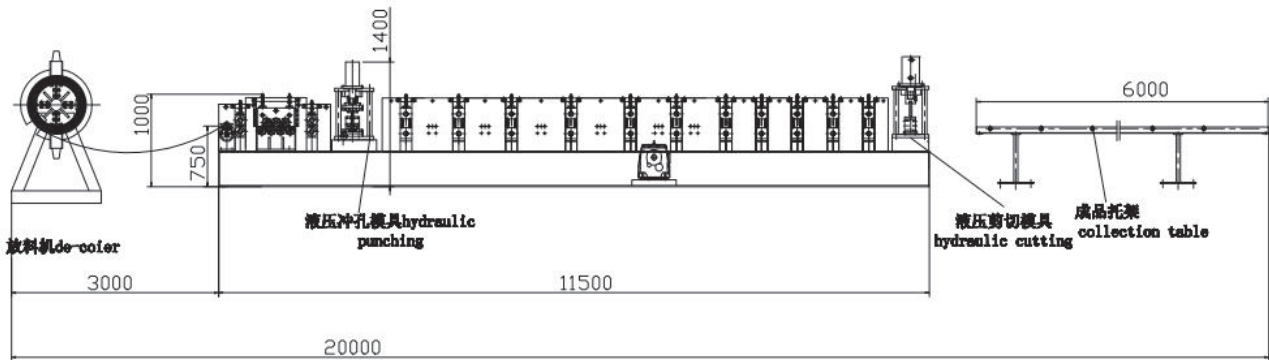
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Machine Layout:

Hydraulic De-coiling → Material Guiding → Leveling → Hydraulic Punching → Roll Forming → Length Sizing
→ Cutting the Panel → Panels to the Collecting Platform → Finish



Main Composition of the Machine

The machinery line consists of :

- 5.0 tons hydraulic de-coiler
- Material Guiding
- Leveling
- Hydraulic Punching
- Forming Roller System
- Hydraulic Cutting System
- Run-Out Table
- Control Cabinet with PLC.

Packing List details

- 1) 5 ton hydraulic de-coiler 1 set
- 2) Main roll forming machine 1 set
- 3) Hydraulic punching system 1 set
- 4) Hydraulic cutting system 1 set
- 5) Hydraulic station 1 set
- 6) Control box 1 set
- 7) Hydraulic cutting 1 set
- 8) Run-out table 1 set
- 9) Punching mould 1 set
- 10) Cutting mould 1 set



Technical parameters:

1. Matching material: G.I or M.S
2. Material thickness range: 1.2-1.8mm
3. Main motor power: 15kw
4. Forming speed: 1-3m/min(include punching and cutting time)
5. hydraulic station power: 22kw
6. Quantity of stands: about 16
7. Shaft Material and diameter: ϕ 75mm, material is 40CR
8. Material Of The Stations: Guide rail style
9. Tolerance: 3m+-1.5mm
10. Way Of Drive: 1.5 inch single chain
11. Controlling system: PLC
12. Total weight: about 8 Tons
13. Voltage: 380V/ 3phase/ 50 Hz
14. Size of the machine: L*W*H 11.5m*1.5m*1.2m
15. Material of forming rollers: Gcr 15, coated with chromed treatment
16. Material of cutter blade: Cr 12 mould steel with quenched treatment 58-62

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: Brand Panasonic

- 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)