

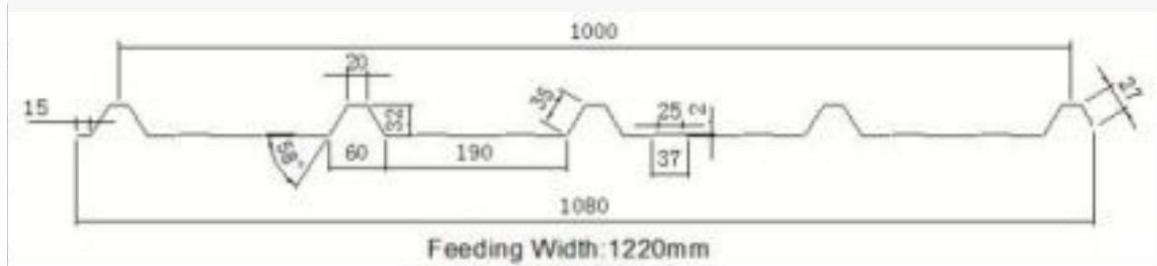
ROOF SHEET ROLL FORMING MACHINE



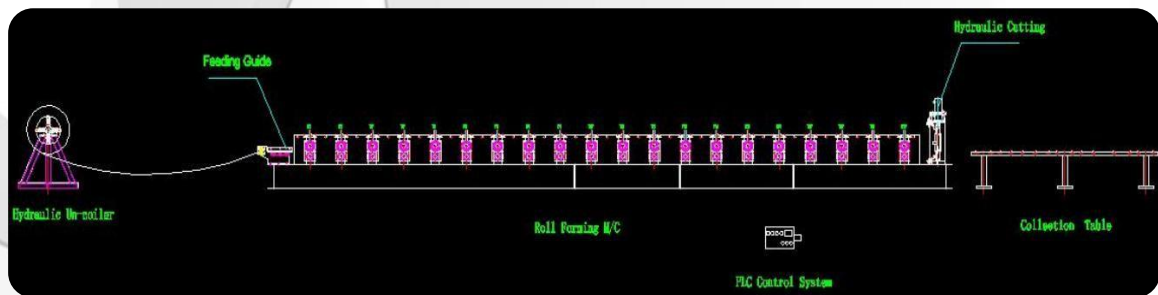
PROCESS COMPONENTS

De-coiler	1 set
Main roll forming machine	1 set
Hydraulic cutting system	1 set
Hydraulic station	1 set
PLC Control system	1 set
Receiving table	1 set

DRAWINGS



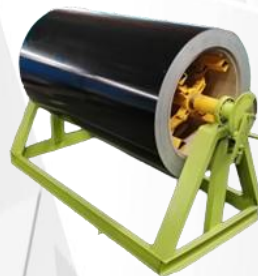
WORKING PROCESS



TECHNICAL PARAMATER

5 TON DECOILER

- Inner dia : $\varnothing 440\text{mm} - \varnothing 560\text{mm}$
- Max input feeding : 1250mm
- Capacity : 5tons
- Coil outer diameter max 1300mm
- Material : Aluminum and zinc plate galvanized plate color steel plate , low carbon steel.





FEEDING SYSTEM

- Input straighten adjust by 1250mm

ROLL FORMING MACHINE

- Matching Material : colored armor plate with the bending intensity of Q195-235.
- Material Thickness : 0.3 – 1.0mm
- Power : 7.5kw motor/ hydraulic station power : 5.5kw
- Forming Speed : 0-25m/min
- Roll stations : 20
- Shaft material and diameter: Material is Cr 40, $\varnothing 75\text{mm}$
- Tolerance : $\pm 1.5\text{mm}$
- Way of drive : chain
- Controlling system : PLC
- Voltage : 380V , 60hz, 3ph
- Material of forming rollers : 45# heart treatment and chromed
- Material of cutter blade: Cr 12 mould steel with quenched treatment HRC58-62



HYDRAULIC CUTTING

- Cutting motion, The main machine automatically stops and then cutting. After the cutting, the main machine will automatically start.
- Material of blade: GCR12 with heat treatment
- Length measuring: Automatic length measuring
- Tolerance of length: 10+/- 1.5mm



PLC CONTROL SYSTEM

- Automatic length measurement
- Automatic quantity measurement
- Computer used to control length & quantity. Machine will automatically cut to length and stop when required quantity is achieved.
- Length in accuracy can be amended easily
- Control panel: Button - type switch and touch screen.
- Unit of length: millimeter (switched on the control panel)



RECEIVING TABLE

- Length : 4m