



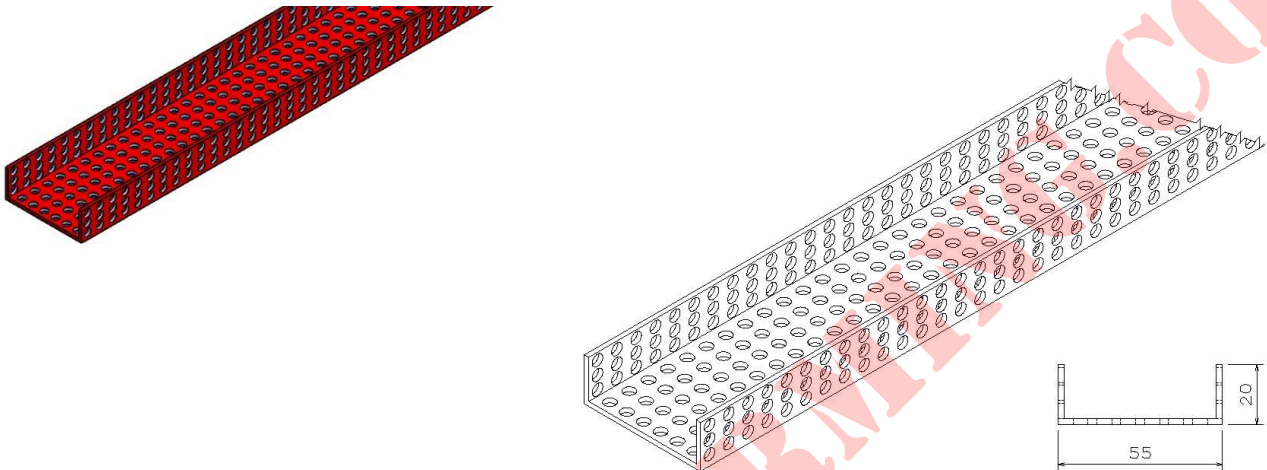
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U55 Roll Forming Machine

Technical Proposal



1. Profile Drawing



2. Summary

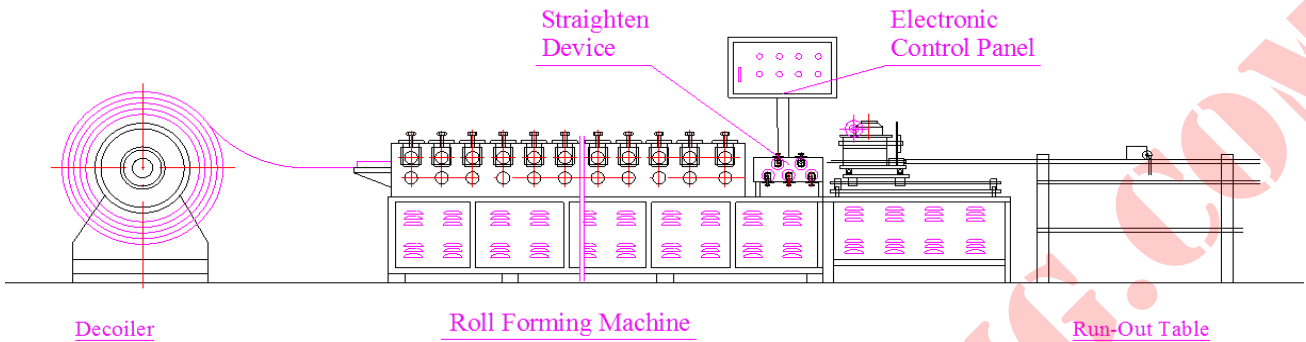
Material: Galvanized Coil,
Material Thickness: 1.5-3mm
Main roll forming machine Power: 11 KW SIEMENS
Forming Speed: 5-10m/min
Production line length: about 12m
Dimension: 7×0.8×0.9 m (L*W*H)

3. Main Parts



Manual 3T un coiler
Feeding Guide
Roll Forming System
Hydraulic Cutting
Control system
Output table

4. Working Flowing


Manual Un coiler → Feeding → Roll Forming → Cutting → Output table




5. Technical Data

5.1 Un coiler		
Un coiler Type	Manual	
Loading capacity	3Ton	
5.2 Roll Forming system with feed panel unit		
Axis Diameter	70 mm	
Forming Roller station	13 Groups	
Main Axis material	First grade 45# steel heated and quenched	
Roller material	First grade 45# steel, Hard Chrome Coated, heated and quenched	
Forming Speed	5-10 m/min	
Drive Type	1.25" Chain of transmission	
Chain size	Japan CHOHO 100#	
Machine Frame stand	Welded structural steel,	


5.3 Hydraulic Cutting Device

Cutting type	Hydraulic stop cutting	
Hydraulic pressure	12 Mpa	
Hydraulic Blade & cutter Material	Cr12, quenching process 58-62	
Cutting length tolerance	10m±2mm	

5.4 Electrical System

PLC system	Japan PANASONIC	
Length Controller	Encoder Japan KOYO	
Operation	Touch Screen	
Inverter	Japan YASKAWA	
Voltage	380V/50Hz/3P	

5.5 Run-out Table

Structure	rollers on bearings	
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5.6 Spare part list

Machine Bearing	2
Machine Chain	2
Electrical Limit switch	2
Machine manual tools	1
Operation manual	1



For further info, please contact with us!