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Panel crimping machine

Technical Proposal



1. Profile Drawing



2. Summary

Material: Galvanized Coil, Color Coated Galvanized
Material Thickness: 0.3-0.8mm
Main roll forming machine Power: 5.5 KW SIEMENS
Forming Speed: 10-15m/min
Feeding width: 1250 & 1000mm
Dimension: 5×1.5×1.2 m (L*W*H)

3. Main Parts

1. Manual Uncoiler
2. Feeding Guide
3. Roll Forming System
4. Hydraulic Cutting unit
5. Control system
6. Output table

4. Working Flowing

Manual Un coiler → Feeding → crimping → Output table

5. Technical Data

5.1 feed panel unit	
Axis Diameter	75 mm
Forming Roller station	2 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	10-15 m/min
Drive Type	1.25" Chain of transmission
Chain size	Japan CHOHO 100#
Machine Frame stand	Welded structural steel,

5.2 Hydraulic Stamping & Cutting Device	
Cutting type	Hydraulic stop cutting
Hydraulic pump power	3 kW
Hydraulic pressure	12 Mpa
Hydraulic Blade & cutter Material	Cr12, quenching process 58-62
Cutting length tolerance	10m±2mm

5.3 Electrical System

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



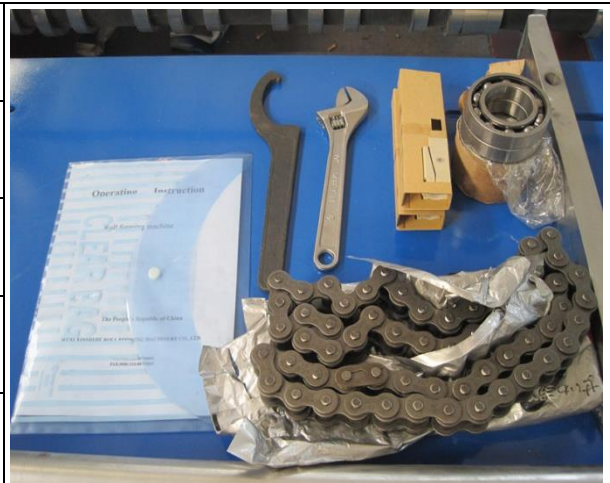
5.4 Run-out Table

Table quantity	3 pcs
Structure	rollers on bearings



5.5 Spare part list

Machine Bearing	5
Machine Chain	5
Electrical Limit switch	2
Machine manual tools	2
Operation manual	1



For further info, please contact with us!