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Corrugated Roof Roll Forming Machine

APPLICATION:

Metal corrugated roof is widely used for commercial metal buildings, associated with residential and commercial.

Corrugated roof roll forming machine is special designed for its production.

We successful developed corrugated roof roll forming machine which can work for SUPER THIN material: 0.15-0.25mm

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Entry Guide
3. Rollformer
4. Hydraulic cut-off machine
5. Run Out Table or automatic stacking device
6. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
7. Roll forming speed is 10– 20 meter / minute.

TECHNICAL PARAMETERS:

- 1. Suitable Material: Pre-Painted sheet, aluminium sheet, galvanized sheet
- 2. Material Width: 914 / 1000/ 1200 / 1220 mm
- 3. Material Thickness: 0.30 -- 0.80 mm / 0.15-0.25mm SUPER THIN FULL HARD G550
- 4. Machine Frame: Individual Roll Stand/ Welded Steel Plate





Roof Tile Roll Forming Machine

APPLICATION:

Metal roof tile/step tile roof is widely used for commercial metal buildings, associated with industrial parks and retail developments. Roof tile/Step tile roll forming machine is the essential for its production

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Entry Guide
3. Rollformer
4. Hydraulic pressing device
5. Hydraulic cut-off machine
6. Run Out Table or automatic stacking device
7. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
8. Roll forming speed is 10– 20 meter / minute.

TECHNICAL PARAMETERS:

- | | |
|-------------------------|---|
| -1. Suitable Material: | PPGI Coil |
| -2. Material Width: | 914 / 1000 / 1220 / 1250 mm |
| -3. Material Thickness: | 0.40 -- 0.80 mm |
| -4. Machine Frame: | Individual Roll Stand/ Welded Steel Plate |





Trapezoidal Roof Roll Forming Machine

APPLICATION:

Metal trapezoidal roof is widely used for commercial metal buildings, associated with residential and commercial. Trapezoidal roof roll forming machine is special designed for its production.

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Entry Guide
3. Rollformer
4. Hydraulic cut-off machine
5. Run Out Table or automatic stacking device
6. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
7. Roll forming speed is 10– 20 meter / minute.

TECHNICAL PARAMETERS:

- | | |
|-------------------------|---|
| -1. Suitable Material: | PPGI Coil / Embossed Aluminum Coil |
| -2. Material Width: | 914 / 1220 mm |
| -3. Material Thickness: | 0.40 -- 0.80 mm |
| -4. Machine Frame: | Individual Roll Stand/ Welded Steel Plate |





Standing Seam Roof Roll Forming Machine

APPLICATION:

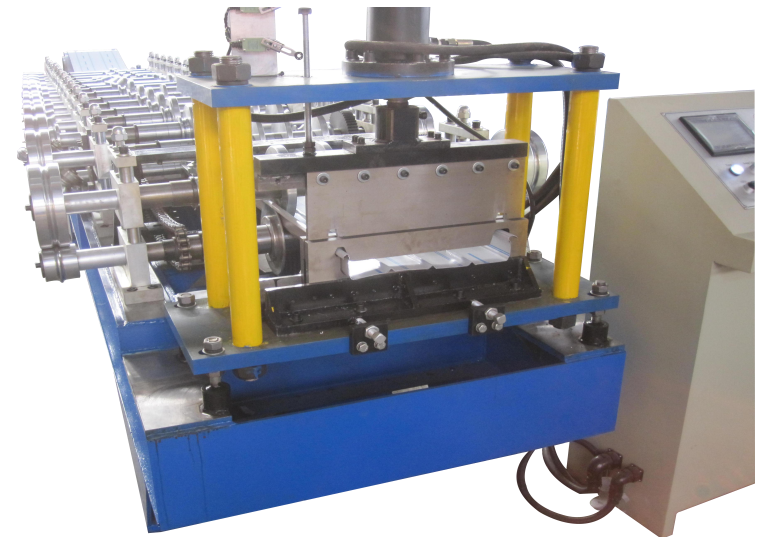
Standing seam roof is an economical, snap-together roofing system, for commercial and residential applications. Standing seam roof roll forming machine is special designed for its production.

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Entry Guide
3. Rollformer
4. Hydraulic cut-off machine
5. Run Out Table or automatic stacking device
6. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
7. Roll forming speed is 10– 20 meter / minute.
8. Automatic seamer

TECHNICAL PARAMETERS:

- | | |
|-------------------------|---|
| -1. Suitable Material: | Pre-painted sheet, aluminium sheet, Galvalume |
| -2. Material Width: | Max. 680mm, As per profile |
| -3. Material Thickness: | 0.40 – 0.80 mm Pre-painted sheet
0.70-1.20 aluminium sheet |





C/Z Purlin Roll Forming Machine

APPLICATION:

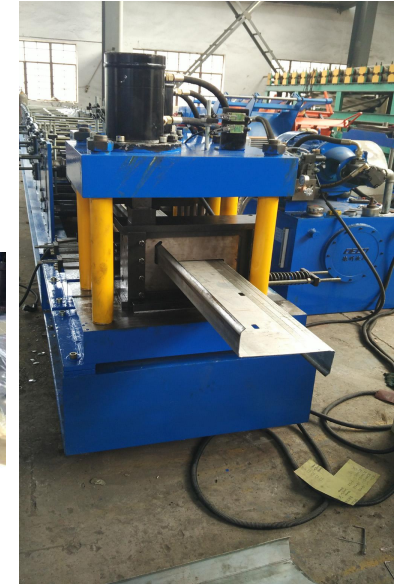
In all metal or mixed building roof systems, purlin members are frequently constructed from cold-formed steel C or M or Z sections. Purline roll forming machine is special designed for its production.

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Entry Guide +Leveling
3. Rollformer
4. Hydraulic Punching Device
5. Hydraulic cut-off machine
6. Run Out Table
7. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
8. Roll forming speed is 10– 20 meter / minute.

TECHNICAL PARAMETERS:

- | | |
|-------------------------|---|
| -1. Suitable Material: | Pre-painted sheet, aluminium sheet, Galvalume |
| -2. Material Width: | Max. 680mm, As per profile |
| -3. Material Thickness: | 0.40 – 0.80 mm Pre-painted sheet
0.70-1.20 aluminium sheet |





C/Z Purlin Changeable Roll Forming Machine

Work Flow:

De-coiling→Entry Guide→Leveling→Pre-Punching→Pre-Cutting → Adjustable Rollformer→Straighthening→→ Run Out Table

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Entry Guide +Leveling
3. Hydraulic Punching Device
4. Hydraulic cut-off machine
5. Cantilever Type Adjustable Roll Former
6. Straighthening Device
7. Run Out Table
8. Electric control system
9. Hydraulic station

TECHNICAL PARAMETERS:

- | | |
|-------------------------|---|
| -1. Suitable Material: | Hot Rolled Steel, Cold Rolled Steel, Galvanized Steel |
| -2. Material Width: | Max. 650mm |
| -3. Material Thickness: | 1.0-3.0mm |
| -4. Line speed: | Forming speed:10-15m/min |





Strut Channel Roll Forming Machine

APPLICATION:

Strut channel is a standardized formed galvanized steel (or sometimes aluminium) structural system used in the construction and electrical industries for light structural support, often for supporting wiring, plumbing, or mechanical components such as air conditioning or ventilation system.

Strut channel roll forming machine is the essential for its production.

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Entry Guide +Leveling
3. Hydraulic Punching Device
4. Rollformer
5. Straightening Device
6. Hydraulic cut-off machine
7. Run Out Table
8. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
9. Roll forming speed is 15 meter / minute.

TECHNICAL PARAMETERS:

- | | |
|-------------------------|------------------------------|
| -1. Suitable Material: | Galvanized Steel |
| -2. Material Width: | 41*21, 41*41, as per profile |
| -3. Material Thickness: | 1.5-2.0mm |





Guardrail Roll Forming Machine

APPLICATION:

A crash barrier or guardrail is a barrier on a road designed to prevent vehicles from leaving the roadway to improve road safety.

Guardrail roll forming machine is special designed for its production.

EQUIPMENT LIST:

1. Hydraulic Decoiler with Breaking device is equipped for coil processing.
2. Loading Coil Car (Option)
3. Peeler Table And Pressure Pad
4. Leveler
5. Fully-Auto Hydraulic Crop Shearing And Full Auto Butt-Welding Equipment(Optional)
6. Entry Looping Pit
7. Servo Roll Feeder
8. Online Multi Station Hydraulic Punching Equipment
9. Exit Looping pit
10. Rollformer with tooling
11. Straightening Device
12. Flying cut-off machine
13. Run Out Table or automatic stacking device
14. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
15. Line speed is 10– 15 meter / minute.

TECHNICAL PARAMETERS:

- | | |
|-------------------------|------------------|
| -1. Suitable Material: | Hot Rolled Steel |
| -2. Material Width: | 482mm |
| -3. Material Thickness: | 2.7 – 3.5 mm |





Floor Deck Roll Forming Machine

APPLICATION:

The metal floor deck produced by floor deck forming machine has high strength with high wave.

It adheres well to concrete, used on industrial building.

Metal ridge cap roll forming machine is the essential for its production.

EQUIPMENT LIST:

1. Manual Uncoiler (Hydraulic Uncoiler)
2. Pre Shearing Device
3. Lubricating Device(Optional)
4. Rollformer
5. Hydraulic cut-off machine
6. Run Out Table/ Auto Stacker
7. Mitsubishi (Japan) PLC and Touchable Screen are used for data processing and setting.
8. Roll forming speed is 10– 20 meter / minute.

TECHNICAL PARAMETERS:

- | | |
|-------------------------|------------------|
| -1. Suitable Material: | Galvanized Sheet |
| -2. Material Width: | As per profile |
| -3. Material Thickness: | 0.8-1.2 mm |

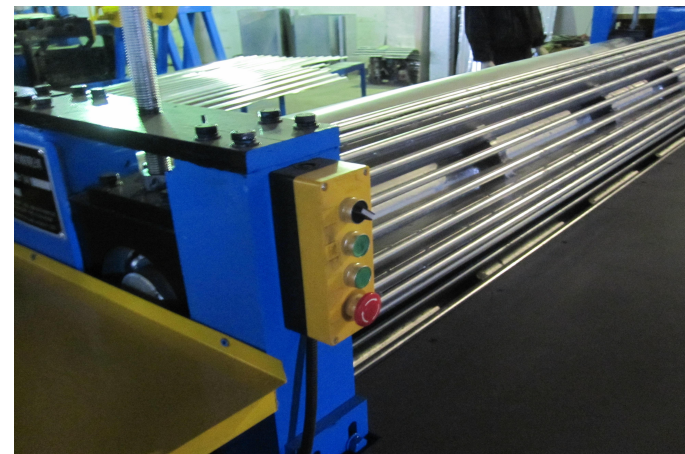




Barrel Type Corrugation Machine

Technical Parameters:

1.	Length Of The Sheet	2500mm/3000mm/3660mm/4267mm. Max
2.	Width Of The Sheet	762/914/1000 mm. to 1250 mm
3.	Thickness Range Of Sheet	0.15 mm to 0.45 mm
4.	Material To Be Corrugated	Full Hard, Semi-Hard, Soft Galvanised Sheets, Alu-Zinc Alloy & Ppgi Sheet
5.	Drive	22kw, Ac, For Type A 3 Phase
6.	O.D. Of Corrugation Rolls	380 mm (20mm Diameter Rod)
7.	O.D. Of Pinch Rolls	317 mm.
8.	Corugation Parameters	As Per 3316 To Jis-Sgch –1987.
9.	Wt. Of The Machine	6 Tonnes Approx .
10.	Production Capacity	1.5-18 Meter Per Minute.





Double Layer Roll Forming Machine



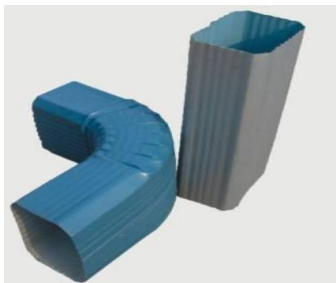
Ridge Cap



Cable Tray



Drywall Stud



Down Spout



Storage and Rack



Door Frame

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