



沧州中拓冷弯成型设备制造有限公司

CANGZHOU ZHONGTUO COLD ROLL FORMING MACHINERY

Project for Reference

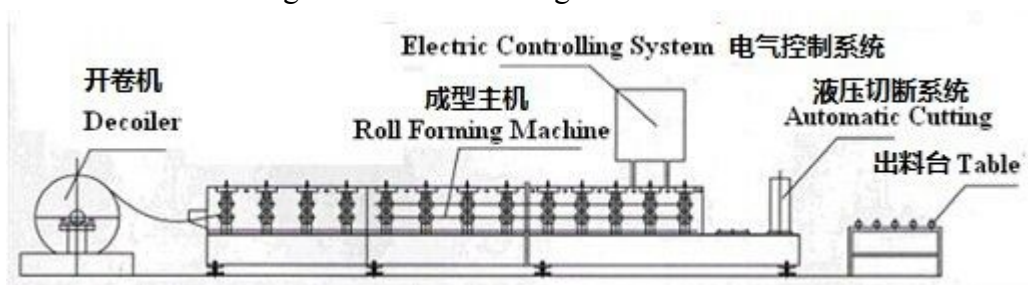
Date: 17-08-2015

Machine Description	Qty	Delivery time	Container Type	Price (FOB TIANJIN)
Double layer roll forming machine	1 SET	40 working days after receiving deposit	One 40 GP	If you feel the project is ok, then we can go on to discuss the price



Production process

Uncoiling→Feeding material into machine→Roll forming→Measuring length→ Step formed→ Auto cutting→Products receiving



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Components of production line

No.	Name	Unit	Qty
1	Manual decoiler	set	1
2	Main forming machine	set	1
3	PLC control system	set	1
4	Hydraulic pump station	set	1
5	Step-formed mechanism	set	1
6	Post cut	set	1
7	Electric motor	set	1
8	Output table	set	1

Production parameters

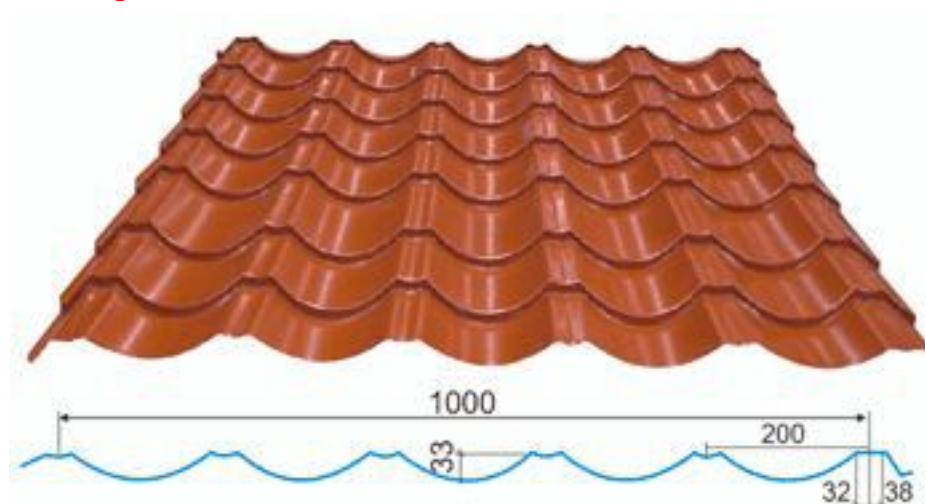
Processing material: colored steel plate, galvanized plate, or aluminum plate

Material thickness: 0.55 mm

Formed width: 1250 mm

Forming speed: 4-12 m/min

Drawing of tiles

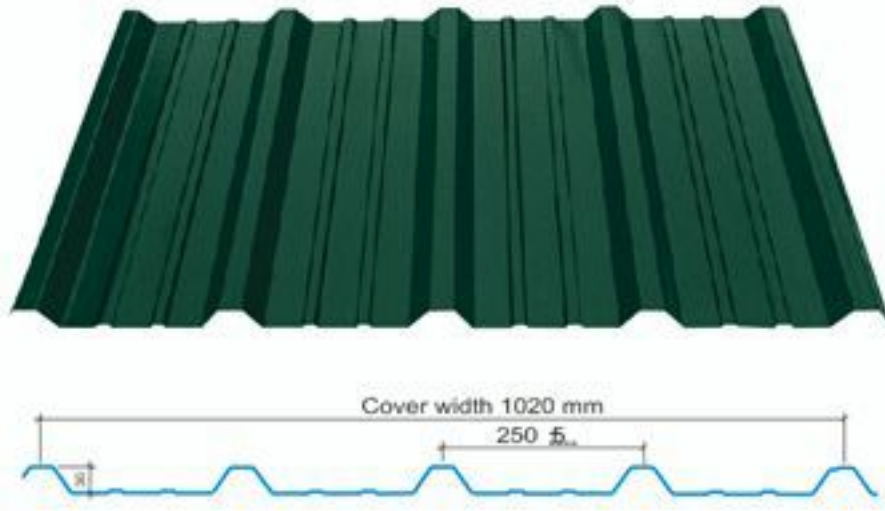


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Un-coiler System

Usage: It is used to support the steel coil and uncoil it in a turntable way.

Passive uncoil pulled by roll forming system

Loading capacity	Uncoiling width	Inner diameter
5 T	1250 mm	450-550 mm



Coil feeding part

Usage: Put the raw material(steel plate) through the beach to manufacture and process, it can guarantee that the products are neat, parallel and everything is uniformity. Please refer to the equipment regulation to know the function of locate angle iron.

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Forming device

Usage: In order to keep the product shape and precision, adopts welded sheet structure, motor reducer drive, chain transmission, roller was chromed which can keep the molding plate surface smooth and not easy to be marked when it is working

Feature : Ensure stability , precision and lifetime.

No.	Main parameter	
1	Length of the main part	About 8500 x 1650 x 1500 mm
2	Weight of main part	About 7.5 t
3	Voltage	380 V/ 50 HZ 3 Phase (as customer's request)
4	Roller fixer	Middle plate welded
5	Frame	350 H steel welded
6	Frame thickness	16 mm
7	Drive mode	Chain
8	Material of rollers	45# steel, surface hard chromium plating.
9	Material of shafts	45# steel
10	Diameter of shafts	Φ 70 mm
11	Number of rollers	Up layer: 13 rollers Down layer: 15 rollers
14	Main power	5.5 kw

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Step-formed mechanism

Blade Material	Feature
Cr 12 quenched	It is used to make the step,the glazed tile's final formed



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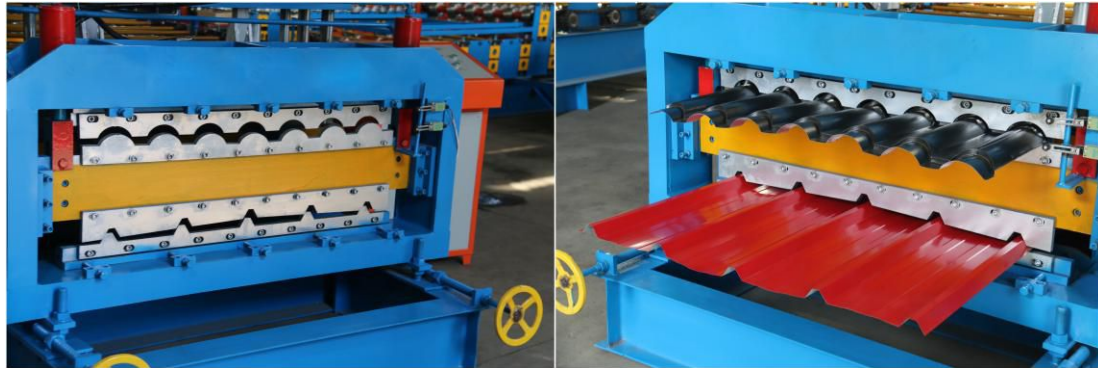
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Cutting device

Advanced hydraulic drive, automatic punching and cutting after forming, no distorting or wasting, high level safety factor.

(include cutting tools, hydraulic tank, cutter machine)

Blade Material	Cutting system
Cr 12 quenched	Full automatic



Counter

One counter gauges length, pulses, and decides length. Omron encoder for length measurement.



Products receiving tables

1. It adopts welded steel and supported roller to transmit the products.
2. 3*0.9*0.6 m

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Controlling device

1. Adopted PLC, transducer, touch panel from Delta Taiwan to ensure high speed with stability, precision and lifetime.
2. Other electric element are Delta
3. Equipped with movable switch, air break, radiator, transformer & electric leakage protector for operation convenience and safety.

Screen	PLC
Text screen displayer	Taida DVP14ES from Taiwan



Hydraulic

(include a set of hydraulic tank , a set of hydraulic oil pump, two hydraulic pipes. And two sets of electromagnetism valves)

Orgin	Power
Advanced hydraulic system from Taiwan	5.5 kw

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Spare parts (for free)

1. Easy damaged parts: conk 2 pcs, fuse-link 4 pcs;
2. Rubber mat 1 pcs;
3. Bolt spanner 1 pcs



Remarks	
Payment terms	30% T/T in advance and balance 70% after inspection confirmation before shipment.
Delivery	Within 40 working days after receipt of deposit.
Packing	Nude packing with 1*40 GP container
Warranty	One year, and we will provide the technical support for the whole life.
Installation	1.Training: the buyer should charge of visa, return ticket, food and accommodation overseas and USD 50/person/day for salary. 2. Need one technician 3. Training time: one week (contains the time of installation and adjustment)

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