



Roofing Roll Forming Machine of Colored Steel Trapezoid Panel

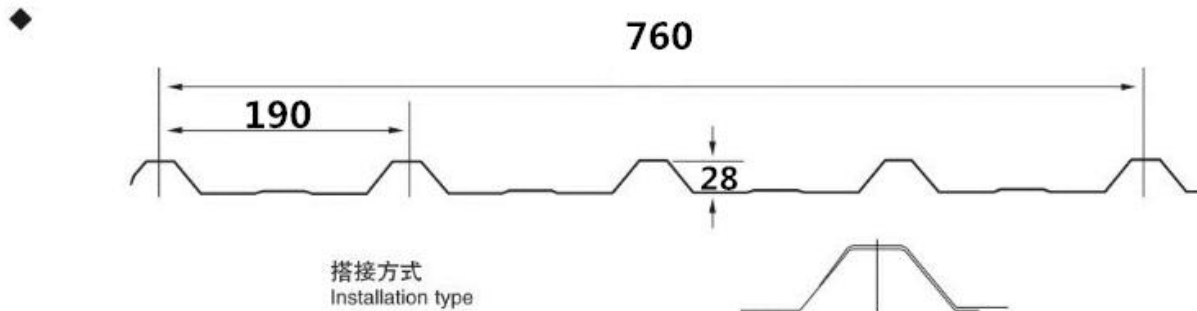
Date: 06/09/2016

No:APEX-01

Quotation sheet

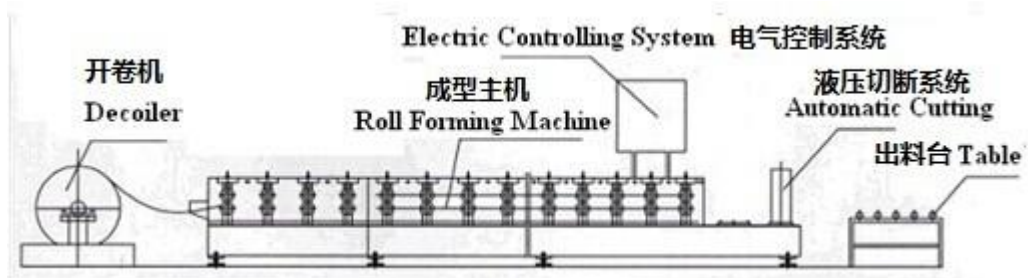
Description of goods	Delivery Time	Package&Qty	Price/USD FOB XINGANG TIANJIN
APEX-01 Roofing Roll Forming Machine of Trapezoid Panel	35 working days	40GP*1	USD

Customer drawing profile:



压型钢板型号 Model	有效覆盖宽度mm Effective Width	展开宽度mm Coil width	板厚mm Thickness	用途 Usage
FX25-192-768	760	940	0.4-0.8	屋面板 Roof Panel

2. Processing flow diagram of machine



3. Production process

Uncoiling → Feeding material into machine → Roll forming → Auto cutting → Products receiving



4. Technical parameters

Configurations	5 Ton manual decoiler	1 set	Standard Configuration
	Main forming machine	1 set	
	PLC control system	1 set	
	Hydraulic pump station	1set	
	Post cut	1 set	
	Electric motor	1 set	
	Automatic receiving table	1 set	
Material	Material	colored steel plate, galvanized plate, or aluminum plate	As you need
	Thickness	0.3-0.8mm	
Hydraulic Decoiler	Capacity	5T	Option: you can choose this part with electric decoiler or hydraulic decoiler for a fee.
	Inner Diameter	450-550mm	
	Outer Diameter	Max1500mm	
	Width	Max 1250mm	
Main roll forming machine with shearing system	Material of rollers	45# steel, surface hard chromium plating.	We advise the configuration, and if you have any idea or requirement, i will give you more information .
	Material of shafts	45# steel	
	Diameter of shafts	Φ60mm	
	Number of rollers	16rollers(客户要求)	
	Product Speed	0-12m/min without punching	
	Motor:	5.5kw	
	Drive mode	Chain 1.25 inch	
	Shearing system	Hydraulic cutting	
	Material of blade	Gcr12 quenched	
	Length tolerance	± mm0.03	



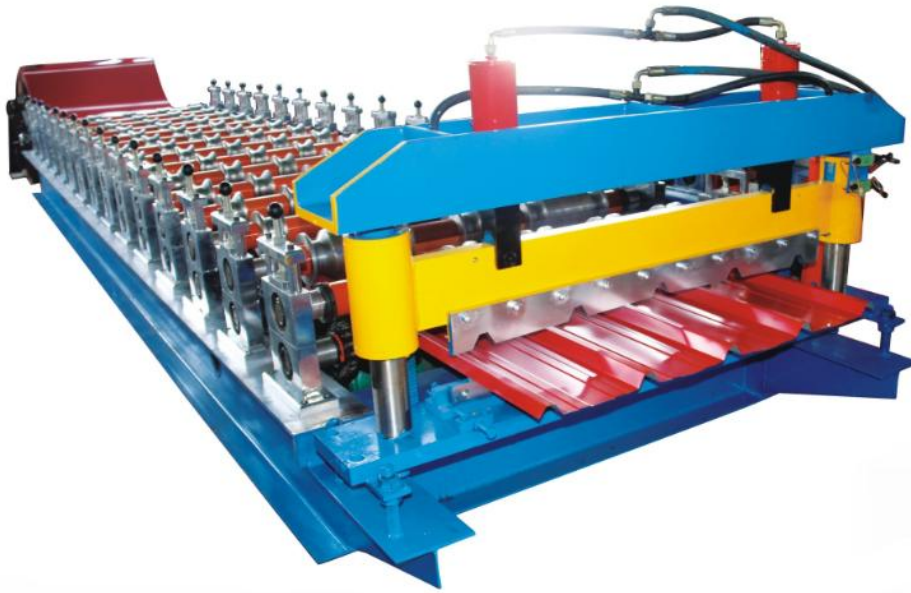
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CANGZHOU ZHONGTUO COLD ROLL FORMING MACHINERY

	Advantage: 1. Forming process using international advanced software design, the machine can achieve high precision molding.		
Other Spare part	Hydraulic station	1 set	
	Control box	1 set	
	Solenoid valve	1 pieces	
	Fuse	2 pieces	
	Relay	2 pieces	
	Product table	1 set	
Terms of payment	1. Terms of payment: 30%T/T ,Balance to be paid before shipping after inspection. LC is accepted. 2. Deliver time: 35 working days.		
Warranty and Training	1. Warranty: Support the technology all the life. And the machine broken because of quality, we can change the broken part for free within one year. 2. Training: If you come to our factory, we will teach you for free. If you need technician go foreign, the buyer need pay the cost for visa, hotel, ticket, food and others, and also buyer need pay the technician USD50/day for salary. There need one technician. Training time will be one week.		



The photos for your reference



5 Ton manual decoiler:



Passive uncoil pulled by roll forming system

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



Coil feeding part (entry beach)



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.

Main Forming device



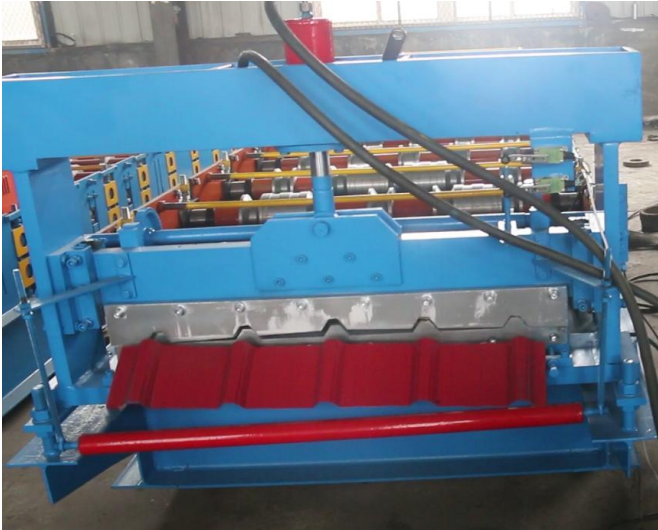
Feature : Ensure stability , precision and lifetime.



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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 being stamped.

Cutting device (shearing mechanism)



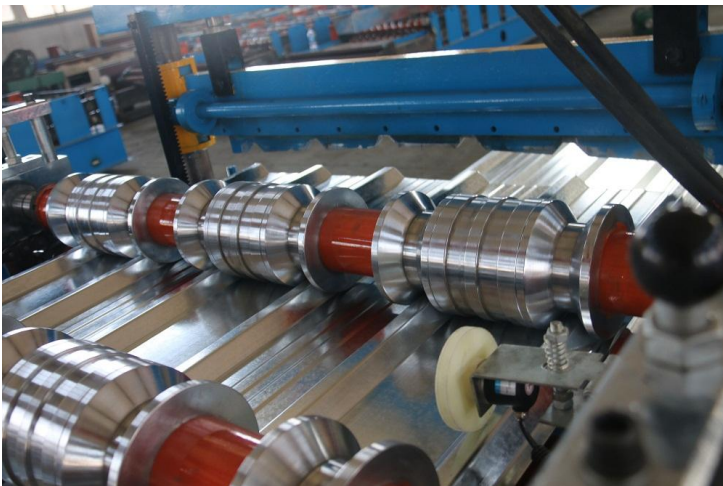
Function : Automatic cutting controlled by PLC

Feature: ensure stability, precision, and cutting speed

It adopts the hydraulic drive and automatic location to decide the dimension and cut the target products.

Components: It contains one set of blade, one hydraulic tank and one cutter machine

Counter



One counter gauges length, pulses, and decides length.

Omron encoder for length measurement.



Controlling device

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



Hydraulic station-----air-cooled type

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



It is controlled by gear pump. After filling the hydraulic oil into the hydraulic oil tank ,the pump drive the cutter machine to begin the cutting job.



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Hydraulic oil: 46# hydraulic oil

Volume:30L

Cooling system :the air cooling system is used, use the power fan to cool down the hydraulic oil

Automatic Products receiving tables



- 1.It adopts welded steel and supported roller to transmit the products.
2. 3 m/set with 2 sets

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





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