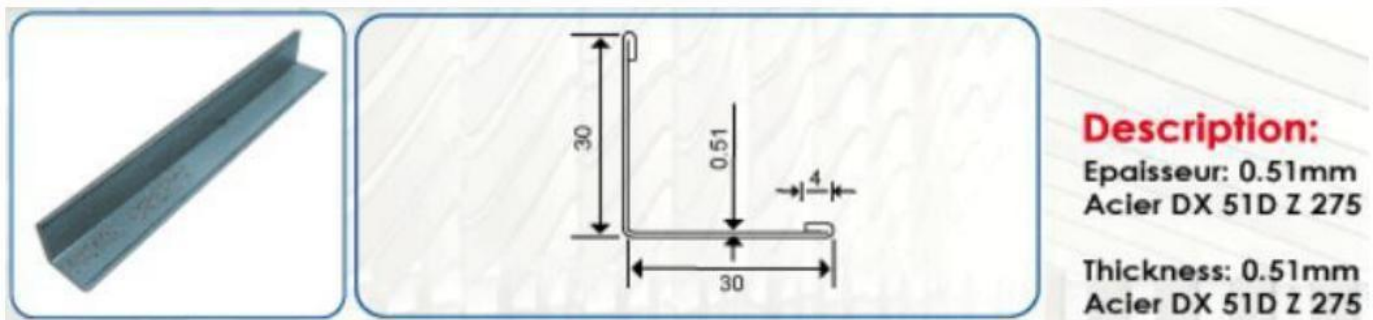


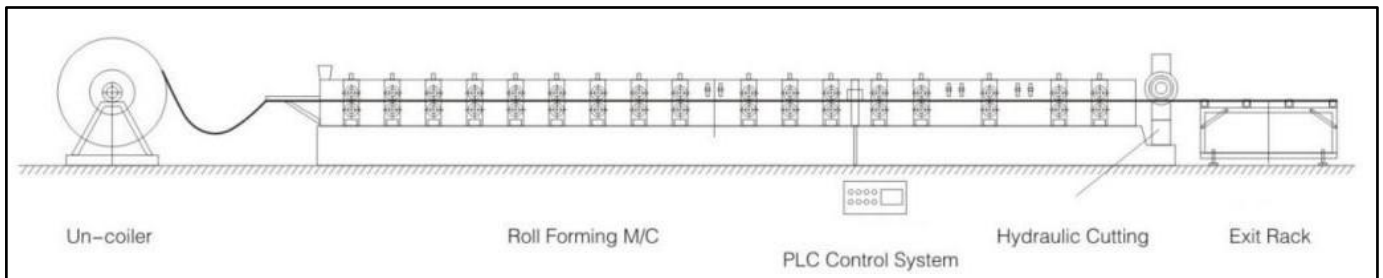
WALL ANGLE ROLL FORMING MACHINE



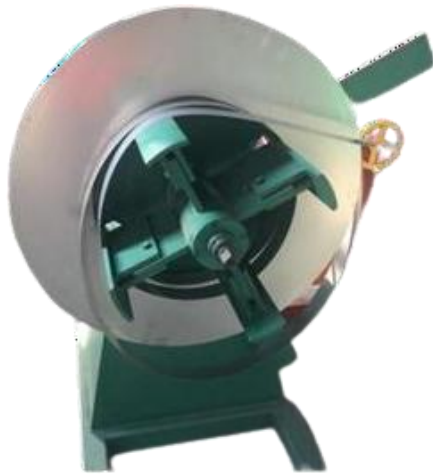
Drawing Profiles:



Machine Working Flow:



The accessories for C Channel roll forming machine



1.5T Decoiler



PLC control station



Hydraulic oil Pump with cooling system



Product collecting table

TECHNICAL PARAMETERS

Series	Details	Parameter
Material	Raw material	Steel
	Material thickness	0.4-0.6 mm
Decoiler	Structure	Manual passive type Single head type
	Loading capacity	1.5 Tons
	Coil inner diameter	450-550 mm
Roll Forming machine	Guiding device	Placed on the machine by seller
	Rolling shaft material	45# STEEL
	Shaft diameter	40 mm
	Roller material	GB-Cr12
	Rolling station	11 stations
	Work speed	25 m/min
	Machine structure	Vertical memorial arch frame 
	Machine basic frame	Steel plate welded
	Bearing	Roller bearing
	Work power	3 kw
	Transmission	By gear
	Safety cover	available
	Appearance	Good appearance with no burrs in steel body nor traces of rust or defects in painting. Good electrical and hydraulic cable organization Car painting make the machine more glossy
	We will use 11 stations with shaft diameter of 40 mm to form this profile. The driving motor power is 3 kw to support the roll forming system. The vertical memorial arch frame structure is fixed on the basic frame by bolts; it's very strong and powerful. The working speed can be 25 m/min; the productivity in steady working condition can match the demand of the project. We will put the counter on the main roll forming machine to count the running length, and transmit the data to control system.	

The roll forming system

The roll forming system

Control System
Frequency brand
Delta from Taiwan

PLC brand

Delta from Taiwan

Screen type

Touch screen

Screen language

English/Chinese/Arabic/French (As requested)

Cut command

Yes

Profile length set-up

Yes

Batch quantity program

Yes

We adapt the PLC for the control system; it will be so much helpful for users to handle the machine. The control system will be in charge of the working condition like the speed, cutting length, H hole punching and cutting quantity. As we have the counter on the roll forming machine, and the travel switch on the cutting head, so it's easy to control the cutting length and cutting quantity. The display screen will be the touch screen or the text screen; the language can be English, or as required. What we do is just set up the data on the screen like the cutting length, quantity, then the machine will work automatically, when reach the required quantity, the machine will stop by itself. It's so safely and save material.

Hydraulic system

Work type

Hydraulic

Driving method

By Cylinder

Motor power

3 kw

Cutter material

GB-Cr12 : Good quality material

Cutting length tolerance

 $\pm 0.5 \text{ mm}/3\text{m}$

	Oil pump	Solenoid valves:1 set : With cooling system
	Cutting feature	Automatic cutting after forming, no Distorting or wasting. : Steady and safety, no have sounds by this cutting way.
	The hydraulic cutting system will be installed on the main roll forming machine by seller. The hydraulic system is by cylinder driving, make the cutting working condition steadier. Meanwhile, there are two pieces of travel switches on the cutting system, it will make the record when the cutter up and down, and transmit the data to control system. The cutter materials is Cr12, it's especially using for the cutter material.	
Inspection	The seller should arrange the machine test in sell's factory before shipment.	
Feature	The machine can work automatically with PLC control, automatic cutting to length and machine can stop when achieved the order quantity. So that it can improve the safety level and save material.	
Machine weight	1.9 Tons	

Machine Video: <https://youtu.be/Qa4j2h7vAMo>