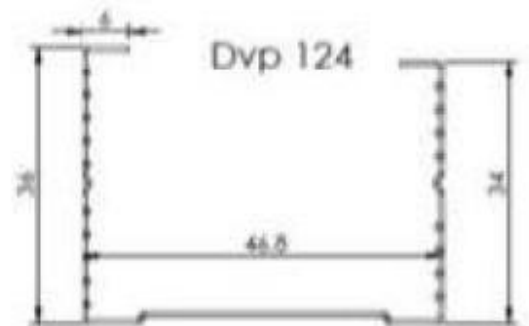
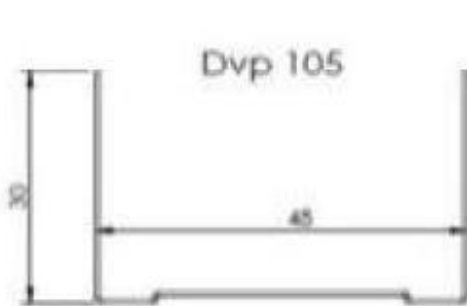
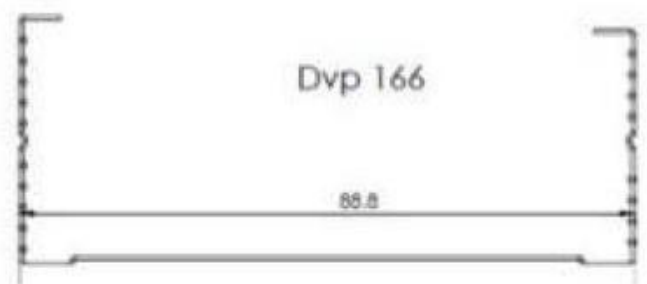
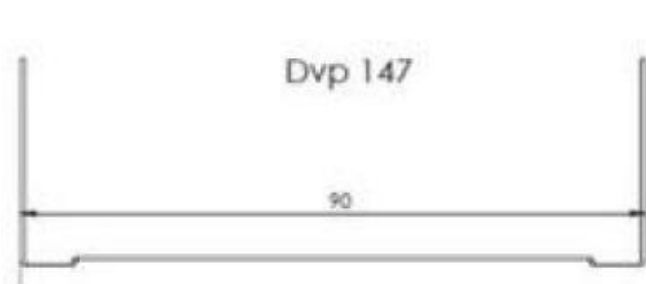
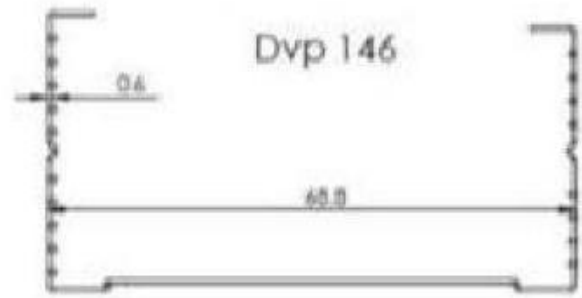
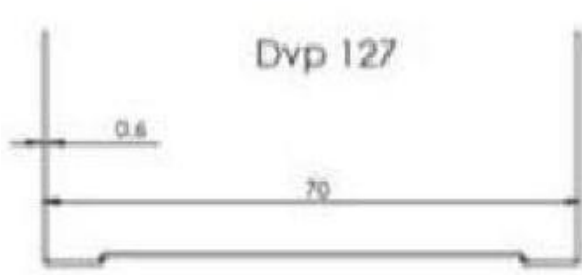


C CHANNEL ROLL FORMING MACHINE

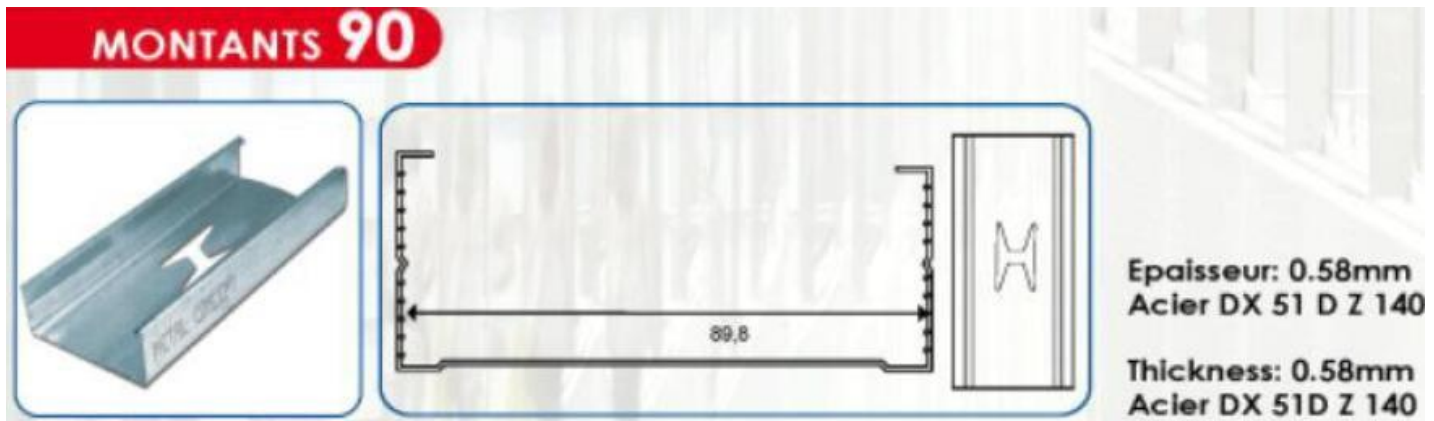


Drawing Profiles:

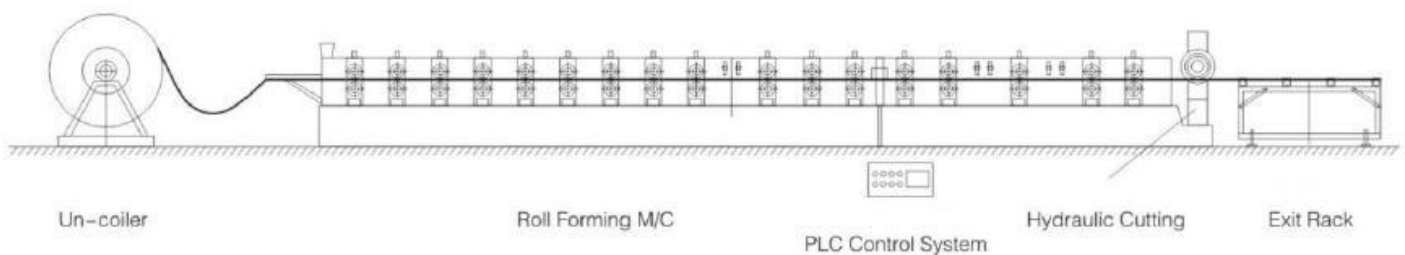




NOTE: As this profile needs to punch holes for installation, please show us and then we can take the punching unit into consideration. For example like the following drawing profile:



Machine Working Flow:



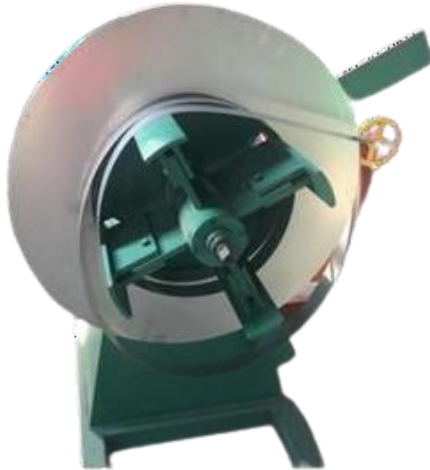
The Finished C Channel Product



The Finished C Channel Product



The accessories for C Channel roll forming machine



1.5T Decoiler



PLC control station



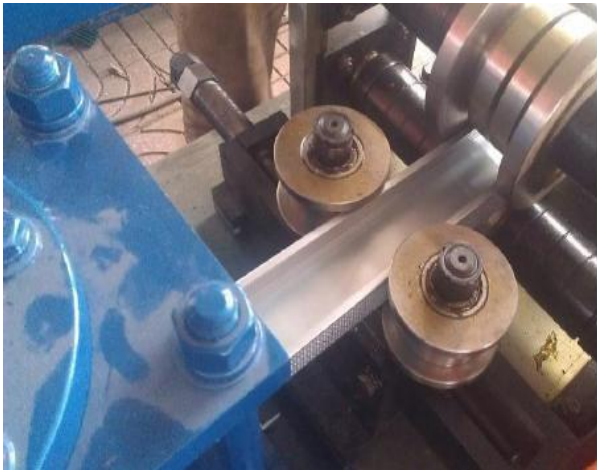
Hydraulic oil Pump with cooling system



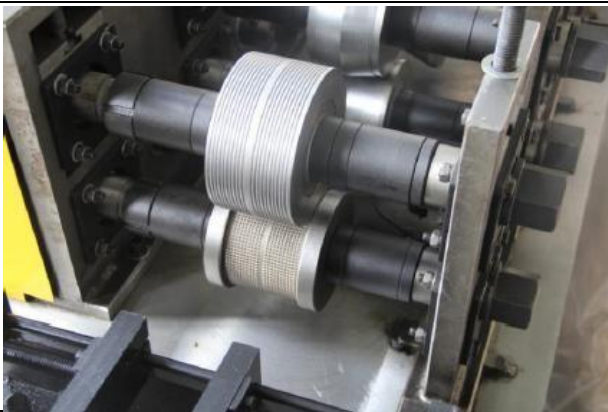
Product collecting table

TECHNICAL PARAMETER:

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	50 mm
	Roller material	GB-Cr12
	Rolling station	12stations
	Work speed	15-20 m/min
	Machine structure	Vertical memorial arch frame 
	Machine basic frame	Steel plate welded
	Bearing	Roller bearing (Famous brand of harbin)
	Work power	5.5 kw
	Transmission	By gear (With Cover)
	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
	The machine can form the 3 C channel shapes by itself. We will use 14 stations with shaft diameter of 50 mm to form the profiles. The size adjustment: we will prepare the spacers which is adjustable. When form another size, only change the spacer location between the rollers, no need take out the frame or rollers. It will be easier and save much time by this way. The driving motor power is 5.5 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 knurling and rib will be made by the roller when forming. The working speed can be 20 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 adjustable spacer to form another size



The roller to make the knurling on the product



Control System	Frequency brand	Delta from Taiwan
	PLC brand	Delta from Taiwan
	Screen type	Touch screen
	Screen language	English/Chinese/Arabic/French
	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	5.5 kw
	Cutter material	GB-Cr12 : Good quality material
	Cutting length tolerance	±0.5 mm/3m

	Oil pump	Solenoid valves:1 set : With cooling system
	Cutting feature	Automatic cutting after forming, no Distorting orwasting. : Steady and safety, no have sounds by this cutting way
	The hydraulic punching & cutting system will be installed on the main roll forming machine by seller. The hydraulic system is by cylinder driving, make the cutting and punching working more steady. 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 material is Cr12, it's especially using for the cutter material.	
	The Hydraulic Cutting System	Hydraulic H Hole Punching System
		
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.	
Others	Machine weight: 4.2 Tons	
	Machine dimension: 5800*900*1400 mm	
	Machine color: blue (As requested)	
	Work voltage: 380V-50HZ-3P (As requested)	
	Total power:11 kw	

Machine Video:
<https://youtu.be/fWEPzVQkur4>