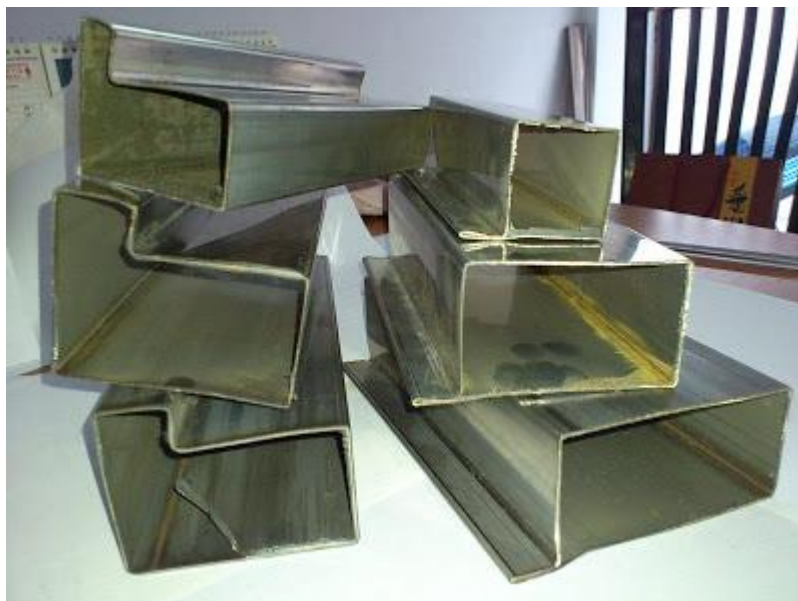


## Door Frame production equipment investment tip.

The door frame forming type equipment uses galvanized steel sheets or color steel plates or aluminum plates of different colors as raw materials, and the products are used to construct exterior roofing and wall panels of houses, interior decorative panels or ceilings, etc., to increase the roof or The aesthetics and durability of the walls. The production line has no production length limit and can be produced according to construction requirements! The surface of the finished product produced by the production line is smooth, flat and without scratches, which is convenient for construction installation.

## Formed door frame profiles



Door frame roll forming machine equipment feature.

1. The roller is quite natural and reasonable. All the forming molds are strictly debugged by technicians, with high yield and high precision.

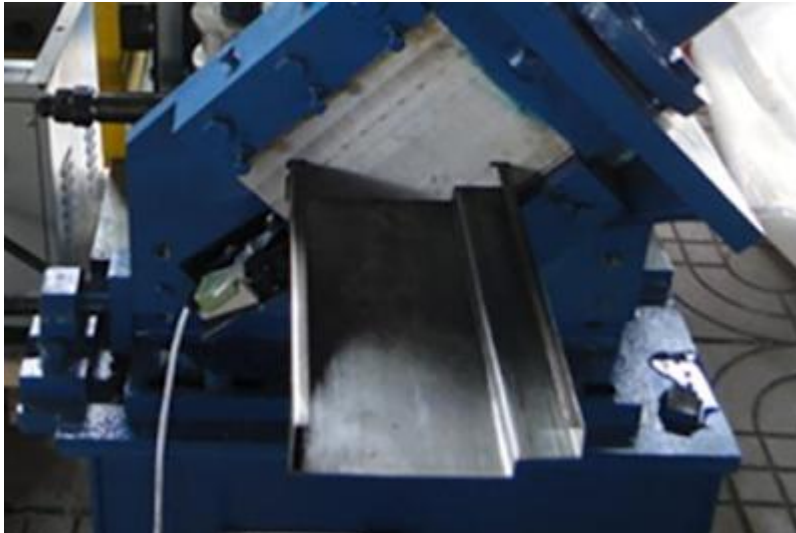
2, the arc is round enough, the plane is flat enough, the angle is sharp, the luminosity after polishing is good, and the surface of the material is not damaged.

3, the production of stainless steel forming with high reputation, never cut corners. The processing and molding process requirements are very high, each process is very regular, using gauge control, such as: length, outer diameter, vernier caliper within 0.1mm, beating within 0.05mm.

4, the forming shape can be customized according to customer requirements, and all the materials pass the calcination. The product has the characteristics of high

hardness, no bursting, high wear resistance, etc. It can also be used for customers to perform carburizing, nitrogen and other heat treatment processes to improve the roll life. After the mold is completed, the maintenance rate is almost zero, which greatly reduces the user's trouble and reduces the repair cost.

Common door frame roll forming machine production line



Automobile door frame roll forming machine line



Investing in a cold bend forming machine equipment production line requires a lot of financial, human and material resources. Therefore, before customizing the equipment, you must first consider your actual situation, whether the sales volume can support the cost of a cold-bending production line, and how long it will make a profit. Below, we have some guidelines for cold roll forming machine equipment.

[Door frame roll forming machine](#) equipment introduction

1. The electrical equipment control is PLC control, and multiple safety protection is set during normal production.
2. Based of roll forming machine rack is welded with steel plates. It is also tempered to eliminate internal stress and avoid deformation of the fuselage.
3. The forming frame is cast iron structure and tempered. High strength and long service life.
4. The material of the roll shaft is 40Cr, and the hardness is HB280 after quenching and tempering treatment.
5. The material of the forming mold is GCr15, quenching treatment, hardness: HRC 56-62 ° C.
6. The transmission structure is gearbox transmission. It can guarantee the equipment over time, high intensity operation and long service life.

Different door frame require different roller design and roller station number is different.

**Security door frame roll forming machine**



Cold bending machine debugging & Roll forming machine running testing

First, the method of letting all the rolls in a straight line. The center points of the first group and the last group are determined first, and the center points of the two groups of rolls are mobilized to the center. Then according to these two points, pull a straight line. The center point mark can be painted with chalk, and then the center point is marked with the center caliper. All the lower rolls on the machine are marked with the same point in the same way, and then the center points of the rolls are all adjusted to the straight line. After the lower rolls are straightened, they are installed back to the upper

rolls. Second, the method of debugging the gap between the upper and lower rolls. We should prepare a small piece of raw material for production, the thickness is the same as the usual material, and then with a small mirror and a flashlight. Put the material between the upper and lower rolls, and then tighten the screws on both the left and right sides at the same time. Be careful not to tighten the side and then screw the other side. This will cause the gap between the two sides to be inconsistent. After tightening, use the mirror to illuminate one side to see if the gap inside is just matching, and at the same time, use the flashlight on the other side. If the gap is not uniform, the light transmission will be uneven. After confirming that the gap is even, loosen it a little and it is better to take out the material just put in. At this time, lock the screws on the left and right sides. Try to adjust all the gaps in the same way.

**Roll forming machine service & roll forming machine  
degugging**



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