PLC Control Automatic Roof Sheet Forming Machine

PLC Control Automatic Roof Sheet Forming Machine parameters

1	Main motor power	4kW/5.5KW/7.5KW or as actual demands
2	Hydraulic motor power	3kW/4KW.5.5KW or as actual demands
3	Hydraulic pressure	10-12MPa according to oil pump and pump motor
4	Voltage	380V/ 3 phase/ 50 Hz (or as your requirements)
5	Control system	Automatic PLC control system
6	Main frame	350H beams/400H beams according to machine demands
7	Wall sheet thickness	16mm/18mm/20mm/22mm according to machine demands
8	Chain size	1 inch/1.2inch according to machine demands
9	Feeding material	Galvanized steel coil/color steel coil/aluminum steel coil
10	Feeding thickness	0.3-0.8 mm
11	Productivity	0 - 25m/min (according to machine specification)
12	Roll station	Common 11rolls or 25rolls (according to different design)
13	Roller diameter	70mm/75mm/80mm (depends on different design)
14	Roller material	45# steel
15	Cutter material	Cr12MOV
16	Cr-plating size	0.05 mm

Our roll forming machines could produce metallic roofing tile, trapezoidal or sinusoidal roofing sheet, floor deck, C and Z purlin, expressway guardrail, channel and stud, roller shutter and sandwich panel, etc. Customized profiles and requirements are acceptable, and assistant equipment such as hydraulic decoiler, auto stacker, etc.

We offer our customers easy-broken parts for free.



Source of raw materials for PLC Control Automatic Roof Sheet Forming Machine

Medium plate: from Baogang steel, Tangshan Iron and Steel, Anshan Iron and Steel, the above-mentioned production areas are all China's first-class large-scale steel production base.

H-beam: from Tangshan Iron and Steel, Hebei Iron and Steel, specializing in the production of H-beams in China.

The wheels and shafts are made of round steel, which are from Baogang steel, Jigang steel and Tangshan Iron and Steel Co., Ltd., which are produced by a full set of imported Japanese production lines, with high precision components and mechanical properties.

The motor, frequency converter, touch screen and PLC are all Siemens brands from Germany, and are the most professional and best quality manufacturers in the world.

Pumping station: Shanghai Licha, a well-known Chinese brand, guarantees that there will be no quality problems after 10 to 15 years of use.

Blade and hand knife: Cr12 Mov, from Shanghai Baogang steel, Japan's Xiangpu Steel, hardness up to HR800, high temperature resistance up to 3000 degrees Celsius.

Tubing, chain and bearing: The company's procurement team consists of 10 people, and the purchased products have all passed the preliminary verification. The oil pipe is guaranteed not to age or block for 8 to 10 years; the chain is guaranteed not to break for 8 to 10 years; the bearing is guaranteed to have no crack for 8 to 10 years.



PLC Control Automatic Roof Sheet Forming Machine characteristics

Power saving, cheap, labor-saving, fast speed, convenient transportation and small floor space.

Product link：https://www.toprollformingmachine.com/?p=370987