



HIGH SPEED STUD AND TRACK ROLL FORMING MACHINE MODEL: HS-STUD & TRUCK

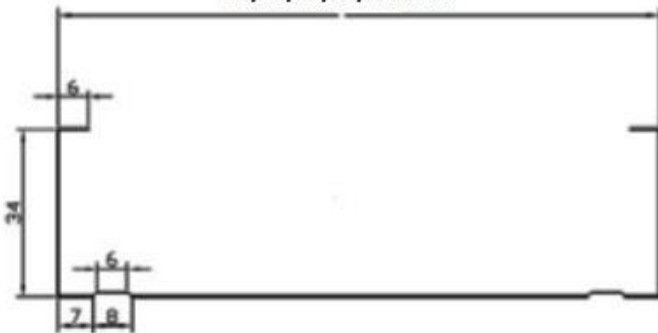


PLS NOTICE:

1. The roller material is CR12.
2. High speed type 0-45 m/min.
3. One machine can make different size stud and track.

DRAWING

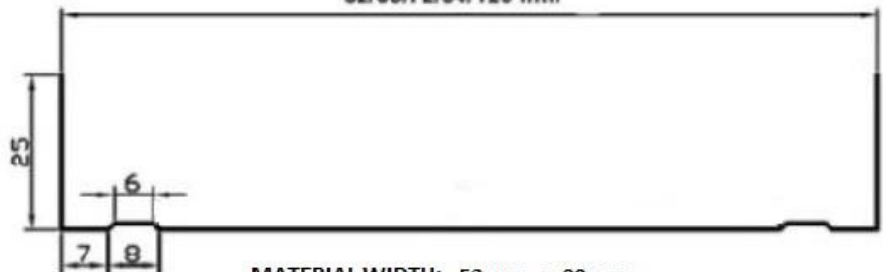
50/63/70/92/123MM



MATERIAL WIDTH:

50mm	: 125mm
63mm	: 138mm
70mm	: 145mm
92mm	: 166mm
123mm	: 197mm

52/65/72/94/125 mm



MATERIAL WIDTH:

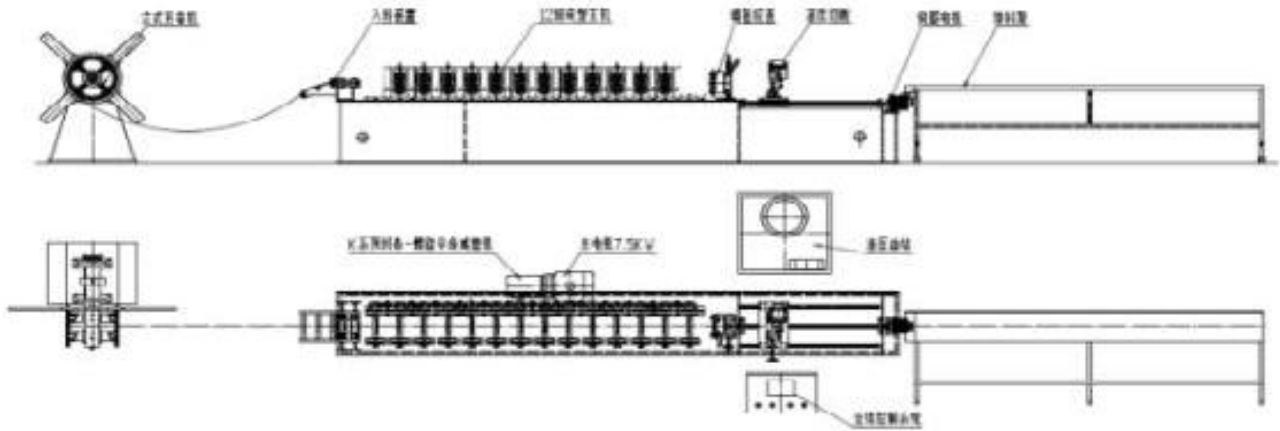
52mm	: 99mm
65mm	: 112mm
72mm	: 119mm
94mm	: 141mm
125mm	: 172mm



Processes and components

3 ton passive de-coiler	:	x1 set
Main roll forming machine	:	x1 sets
Hydraulic cutting system	:	x1 sets
Hydraulic punch	:	x1 set
PLC Control system	:	x1 set
Receiving table	:	x1 set

Working Process



Technical Parameters:

Manual decoiler

1. Capacity	:	3 tons
2. Material width	:	300mm
3. Inner diameter	:	470-530mm
4. Way of de-coiling	:	passive

Stud or track roll forming machine

1. Matching material	:	Galvanized or PPGI
2. Material thickness range	:	0.4-0.8 mm
3. Speed about	:	0-45m/min
4. Shaft Material and diameter	:	∅ 60 mm, material is 45#
5. Roller material	:	Cr12
6. The way of driving	:	Gear and chain.
7. Controlling system	:	PLC
8. Hydraulic cutting with punch (Punching can be done separately, So you can punch as your require)		
9. Voltage	:	380V/ 3phase/ 60 Hz (as customer require)
10. Roll forming step	:	10-12 steps.
11. Material of cutter blade	:	Cr 12 mould steel with quenched treatment, HRC 58-62℃
12. The size of profile adjusts by spacer.		
13. Each size need one set cutting bade. (each machine price include three different size cutting blade)		



Cutting

1. Tolerance of length : +/- 1.5mm
2. Material of blade : CR12 with heat treatment
3. Length measuring : Automatic length measuring
4. Control : by setting on the PLC system

PLC control system

1. Voltage, Frequency, Phase:380 V, 60 Hz, 3Phase (this is can depend on customer request)
2. Automatic length measurement:
3. Automatic quantity measurement
4. Computer used to control length & quantity.
5. Length inaccuracy can be amended easily
6. Control panel: Button-type switch and touch screen
7. Unit of length: millimeter (switched on the control panel)
8. Shanghai ZONCN brand famous in China PLC
9. Frequency converter: Shanghai ZONCN brand famous in China
10. Touch screen :Shanghai ZONCN brand famous in China

Component part

1. Servo motor : YIFENG brand famous in China.
2. Bearing : HRB brand famous in China
3. Motor : SHUNYI brand famous in China

