

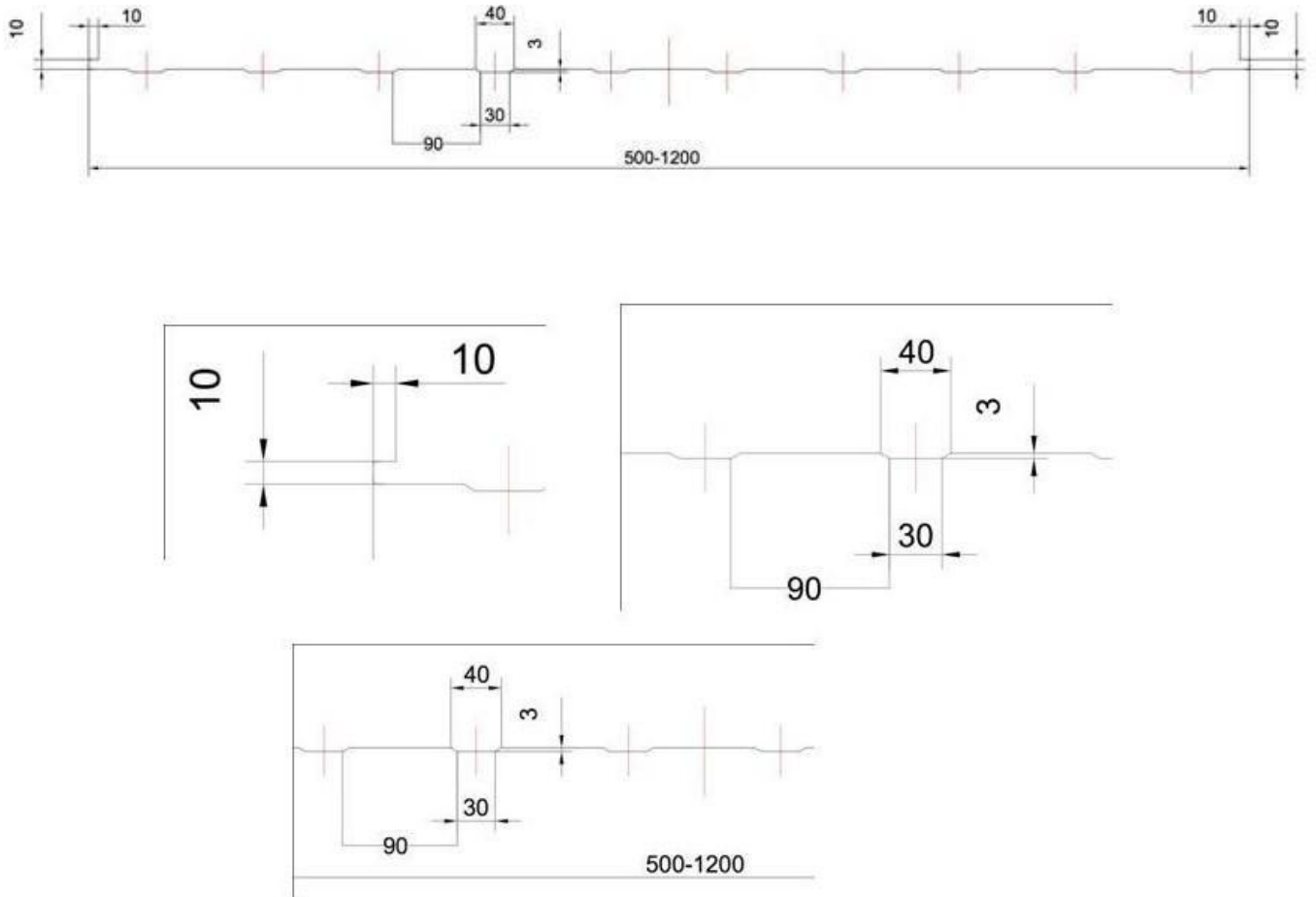
LOW RIB CORRUGATED SHEET ROLL FORMING MACHINE MODEL: RF10-1180



WORKPIECE SAMPLE:

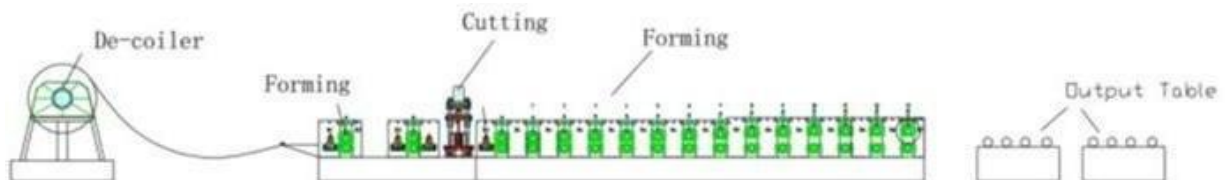
Material Type	: PPGI
Material Thickness	: 0.4-0.9mm
Forming Range	: 500 mm ≤ S ≤ 1250 mm
Main motor power	: about 10 kw
Line forming speed	: 0-20 m/min (not including the cutting time)

WORKPIECE DRAWING:



MACHINE LAYOUT:

Hydraulic de-coiler---Material guiding---Roll forming ----- PLC Control Hydraulic Cut to Length System---- Finish



TECHNICAL PARAMETERS:

DECOILER

Inner diameter	: ϕ 460-510 mm
Hydraulic Power	: 3KW
Main Roller Power	: 4KW
Outer Diameter	: ϕ 1200mm
Max. Loading	: $\leq 7T$
• Rib Forming	: Cast iron with gantry type
• Cutting Device	: (Hydraulic blade cutting)
• Material of cutting blade	: Cr12
Hydraulic station power: 3kw	

ROLL FORMING UNIT

Forming station	: 14stations (double row)
Width adjustment type	: electric control type motor power 1.5kw
The diameter of the roller axis	: ϕ 76mm
Roll mold material	: 45# forge steel, coated with chrome, 1sets, and motor 5.5kw
The center distance of the roller up and down not less than 130mm	
Driving mode	: chains gearing

ELECTRIC CONTROL SYSTEM

Brand	: Panasonic
Full line is controlled by PLC with touch screen operation to achieve the human and PLC interactive.	

The operator can monitor the setting program and modify the parameter to control the line. It also can check the running status, parameter and error indication etc.

Operation type: manual /auto two type switch.

- Manual position: can run the each part of the machine.
- Auto position: can run the full line.

The emergency stop ensures the safe of the equipment and operator.