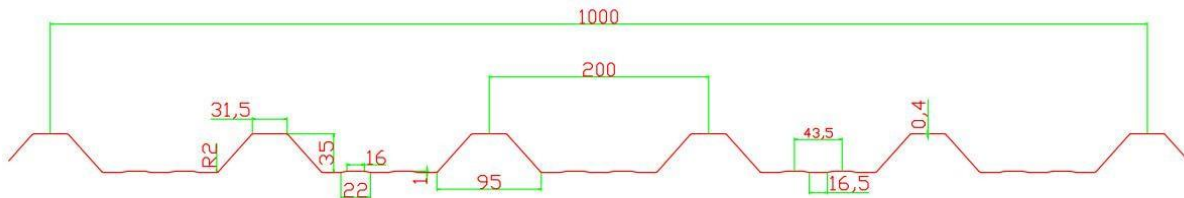


CORRUGATED SHEET ROLL FORMING MACHINE C/w HYDRAULIC DECOILER MODEL: RFS-200-1000



WORKPIECE DRAWING:



MAIN COMPOSITION OF THE MACHINE:

The machinery line consists of Hydraulic de-coiler with its base, feeding machine, forming roller system, hydraulic cutting system, run out table and control with PLC.

WORKING FLOW:

De-coiling---Coil Strip Feeding---Roll Forming---Length Sizing---Cutting the panel---Panels to the collecting platform

TECHNICAL PARAMETERS:

Matching Material	: PPGI
Material Thickness	: 0.40mm-0.80mm
Coil width	: 1220mm
Main motor power	: 5.5 KW
Forming speed	: 12-15m/min (not include the cutting time)
Hydraulic station power	: 4 kW
No. of stations	: 20
Material of forming rollers	: 45# forge steel, coated with chromed treatment
Shaft diameter	: ϕ 76mm, material
Shaft material	: 45# forge steel
Material of the stations	: Casted iron
Tolerance	: $3m \pm 1.5mm$
Way of drive	: 1 inch single chain
Hydraulic pressure	: 12 mpa
Total weight	: about 8 tons
Voltage	: 380V/3phase/50 Hz
Size of the machine (LxWxH)	: 8.5mx1.7mx1.2m
Material of cutter blade	: Cr 12 mould steel with quenched treatment 58-62°C
Controlling system	: PLC from Panasonic

PLC used to control the length and quantity. Machine will automatically cut to length and stop when required quantity is achieved.

Length inaccuracy can be amended easily.

