

Retangular Downpipe Forming Machine

A). Down pipe forming machine mainly consists of decoiler, roll forming system, cutting equipment, hydraulic system, control system, runout table

B). Curving pipe forming machine is the complementary equipment for down pipe forming machine. It can make curve for down pipe to meet the requirement of practical engineering projects.

C). Work Flow:

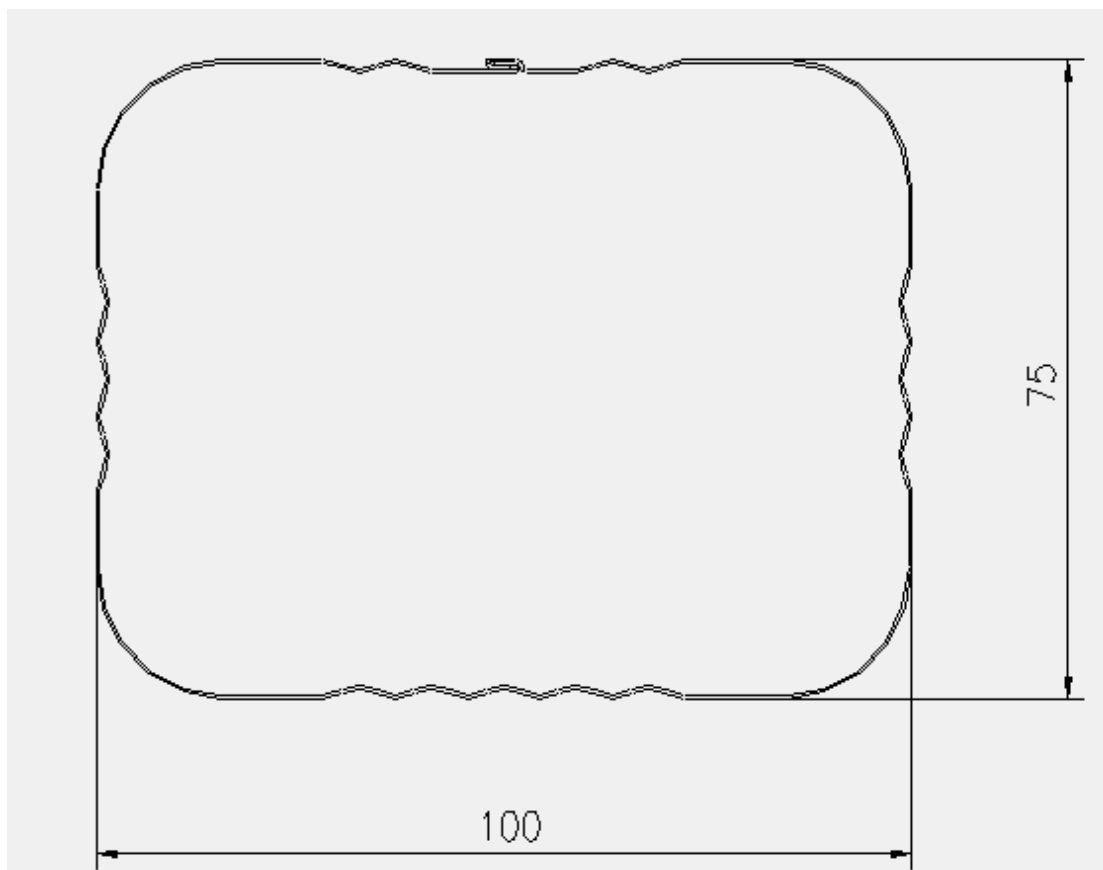
Decoiler--> Coil sheet guiding and feeding --> Roll forming --> Tighten Device
-> Cut to length --> Out-put Table --> Curving machine

D). Main Technical Specification

1. Raw Material:

- ✧ Material Thickness: 0.55mm Color steel sheet
- ✧ Material Hardness: 250mpa

2. Downpipe drawing for reference



- ✧ Diameter of Axis: \varnothing 70mm
- ✧ Material of Roller: High grade 45#, polished and coated with 0.05mm Chrome Surface.
- ✧ Material of Machine Frame: A3 Steel, thickness 18mm
- ✧ Type of forming machine: chain-gear transmission

5. Cutting Device And Hydraulic Station

- ✧ Cutting Type: Hydraulic Diagonal Cutting
- ✧ Hydraulic Station Pressure: 10-12Mpa
Hydraulic power: 5.5KW
- ✧ Material of cutting die: Cr12 mold steel with quench treatment
- ✧ Heat Treatment of cutting blade: HRC 50-60

6. Electrical Control system

- ✧ Voltage: 380V, 3 Phase 50Hz
- ✧ PLC Electrical control system: Mitsubishi FX-IS series
- ✧ Encoder Frequency Control System: Dan Fuss
- ✧ Transducer: ABB
- ✧ Control Board: Xinjie OP320A
- ✧ Size of PLC Control Board: 700mm(L)x1000mm(H)x300mm(W)

E) Curving machine

Descriptions:

the curving pipe forming machine is the complementary equipment for this kind of machine, which can make curve for down pipe to meet the requirement of practical engineering projects.

- ✧ Curving Speed: 20m/min
- ✧ Main motor power: 2.2 Kw
- ✧ Function: Curving and Seaming
- ✧ Dimension: about 1300x650x1500mm
- ✧ Curving Angle: Max. 90 Degree

F). Payment Term and condition

- ✧ Price: FOB Shanghai
- ✧ Payment Term: 30 T/T in advance, 70% T/T Before shipment
- ✧ Delivery Time: Within 70-80 working Days after receipt of the down payment
- ✧ Warranty: 1 year
- ✧ Installation and debugging: We will send professional engineer to make installation and debugging, Buyer pay our engineer each one 30 usd/day, and provide accommodation and the round-trip ticket fee.
- ✧ Installation days: about 3-5 days
- ✧ Loading: 1x40ft container

H) Similar Machine picture for reference:



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