

Auto Duct Production Line 5



It's mainly for TDF / angle steel / C-shaped flange forming with daily processing capability of 600-2000 square meters. Only with inputting dimensions in duct, production line can automatically complete uncoiling, leveling, beading, punching, shearing, locking, forming TDF / angle steel / C-shaped flange and folding.

Auto Duct Production Line 5 Performance Features:

The linear structure of machine makes processing smoothly and occupies a small space.

All the rolling reels are made of bearing steel so that the lifetime prolongs by more than 5 times.

Under the material-saving mode of CNC system, waste is less than 20 mm per roll.

The locating system is very accurate with servo feeding mechanism, especially when processing square-shaped pipes.

It's equipped with 10 inch LCD touch screen and optional dual keyboard mode to keep operation stable.

It requires at least one person to operate and each shift can output 600-2000.

With production memory functions, the production orders can be tracked and checked.

Auto Duct Production Line 5 Main import Configuration:

Cylinder imported from Germany Festo

Mitsubishi CNC control system

Japan Omron encoder

Taiwan Hiwin linear guideways

Schneider electrical system

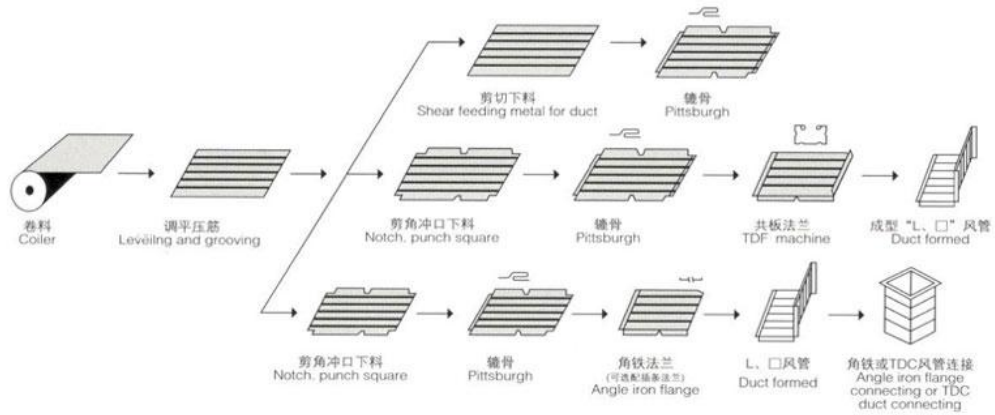
Auto Duct Production Line 5 Basic Configuration:

Two electric coil cradles, 4 material trays (5-7t each roll)
One rack
One host (line 2 host)
One mechanical arm clutching, locating and transferring platform
One displacement type locking machine
One duplex TDF flange forming machine
One duplex angle steel flange forming machine
One servo feeding platform
One hydraulic folding machine
One set of computer controlling system

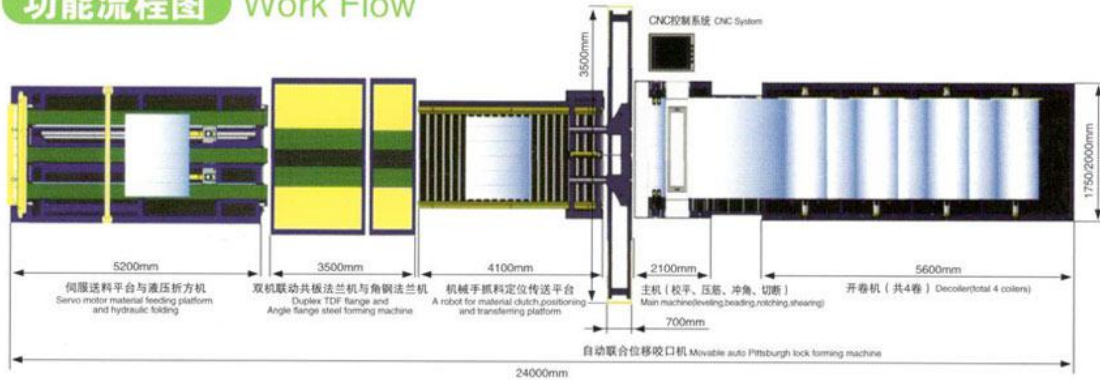
Auto Duct Production Line 5 Main Technical Parameters:

Model	Sheeting thickness (mm)	Max width (mm)	Max working speed (m/min)	Max weight of coil (T)	Dimension (mm)			Power (kW)	Weight (T)
ADL-5-1300	0.5-1.2	1300	15	7	24000	3500	1500	30	12
ADL-5-1500	0.5-1.2	1500	15	7	24000	4000	1500	30	13

工作示意图 Working Schematic Diagram



功能流程图 Work Flow



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