



U Shape Auto Duct Production Line 5

It's mainly for TDF / angle steel / C-shaped flange forming with daily processing capability of 1000-2500 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.

U Shape Auto Duct Production Line 5 Performance Features:

During feeding mechanism with pneumatic servo, manipulator helps to ensure stability and speed of the machine, and the accuracy of its locating system.

It only takes 20-25 seconds to make one L-shaped workpiece and the efficiency will double compared with the linear type.

Without moving back and forth the fixed locking machine is able to improve the efficiency.

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.

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

U Shape Auto Duct Production Line 5 Main import Configuration:

Japan Mitsubishi CNC control system

Japan Omron encoder

Taiwan Hiwin linear guideways

Schneider electrical system

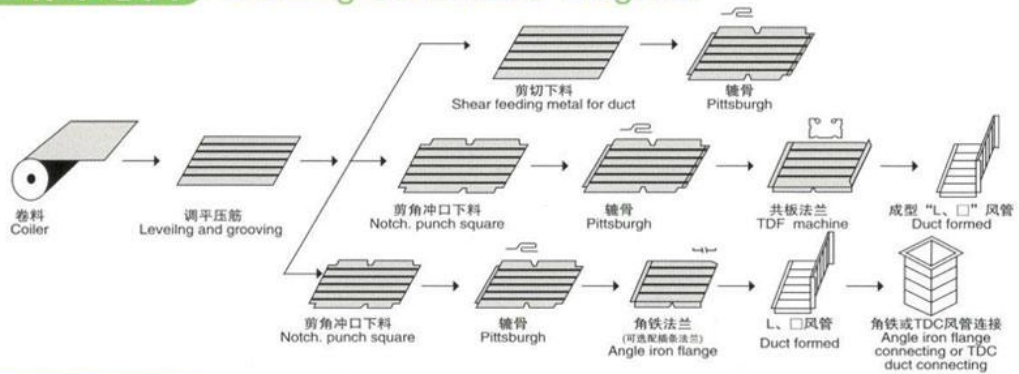
U Shape Auto Duct Production Line 5 Basic Configuration:

Two electric coil cradles, 4 material trays (5-7 t each roll)
One rack
One host (line 2 host)
Two stainless steel roller convey platforms
One fixed joint 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

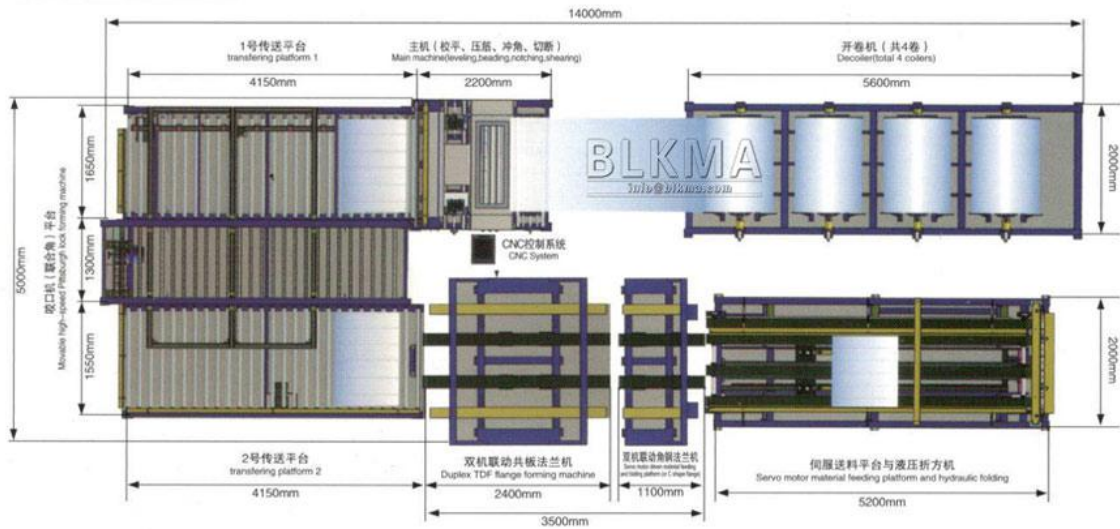
U Shape Auto Duct Production Line 5 Main Technical Parameters:

Model	Sheeting thickness (mm)	Max width (mm)	Max working speed (m/min)	Max weight of coil (T)	Dimension (mm) L*W*H			Power (kw)	Weight (T)
ADL-5U-1300	0.5-1.2	1300	15	7	14000	5000	1500	30	13
ADL-5U-1500	0.5-1.2	1500	15	7	14000	5400	1500	30	14

工作示意图 Working Schematic Diagram



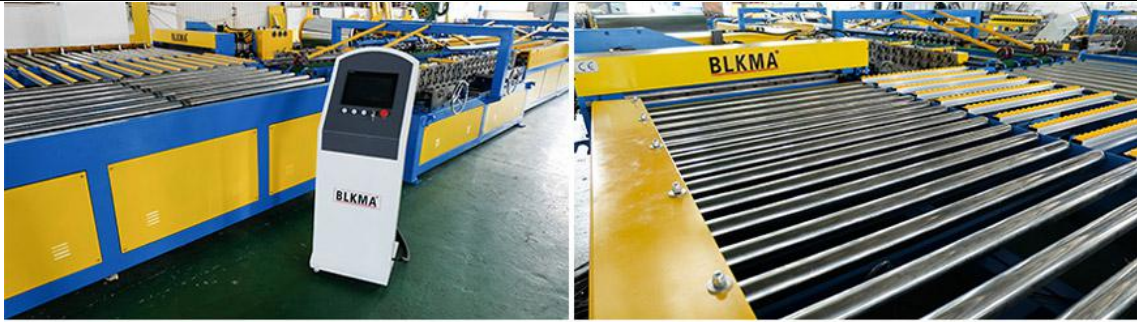
功能流程图 Work Flow



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