



## Manual powder booths

Aluminum fans

The volume is only 79dB

Automatic cleaning filters

A new better method cleaning filters

The filter is completely blown out

Filters 100% polyester



Tight assembly filter on the screw

## Standard models

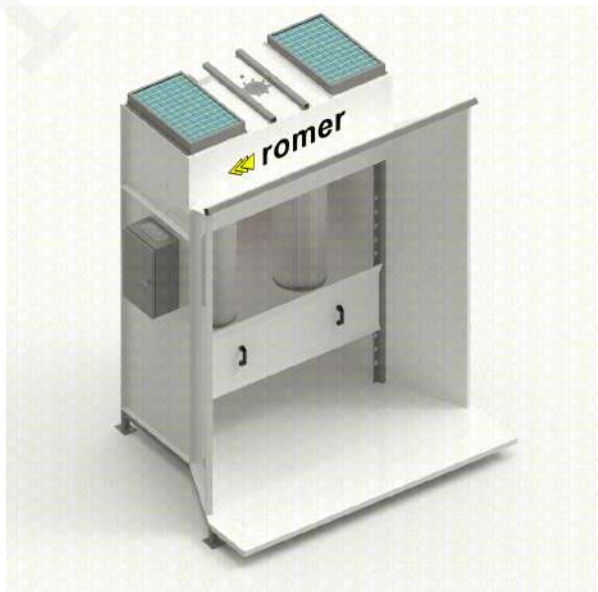
Booth Model	Operator window size (mm)	Door Size (mm)	Users	Power (kW)	Filter Area	Max. Powder	Clogg Sensor	Lower	Hopper, Fluidisation Sieve	Auto. Bar Transfer
KPZ-1	800x1300	none	1	0,69kW	15m2	400g/min	✘	optional	optional	optional
KPZ-2	1400x1800	none	1	2,2kW	30m2	400g/min	✘	optional	optional	optional
KPZ-3	1600x1800	none	1	2,2kW	45m2	400g/min	✘	optional	optional	optional
KPZ-4	2000x1800	none	1	4,4kW	60m2	400g/min	✘	optional	optional	optional
KPO-2	2000x1800	none	1	2,2kW	30m2	400g/min	✘	optional	optional	optional
KPO-3	2800x1800	none	1	2,2kW	45m2	400g/min	✘	optional	optional	optional
KPO-4	4000x1800	none	1	4,4kW	60m2	400g/min	✘	optional	optional	optional
KPP-2	1200x1800	700x1800	1	2,2kW	30m2	400g/min	✘	optional	optional	optional
KPP-3	1400x1800	700x1800	1	2,2kW	45m2	400g/min	✘	optional	optional	optional

## ROMER - Producent wysokiej jakości lakierni proszkowych

KPP-4	1700x1800	700x1800	1	4,4kW	60m <sup>2</sup>	400g/min	✘	optional	optional	optional
KPD-2	1200x1800	700x1800	2	4,4kW	>=60m <sup>2</sup>	800g/min	✘	optional	optional	optional
KPD-3	1400x1800	700x1800	2	4,4kW	>=90m <sup>2</sup>	800g/min	✘	optional	optional	optional
KPD-4	1700x1800	700x1800	2	8,8kW	>=120m <sup>2</sup>	800g/min	✘	optional	optional	optional

**These are exemplary standard booths - other dimensions and configurations are also available on request.**

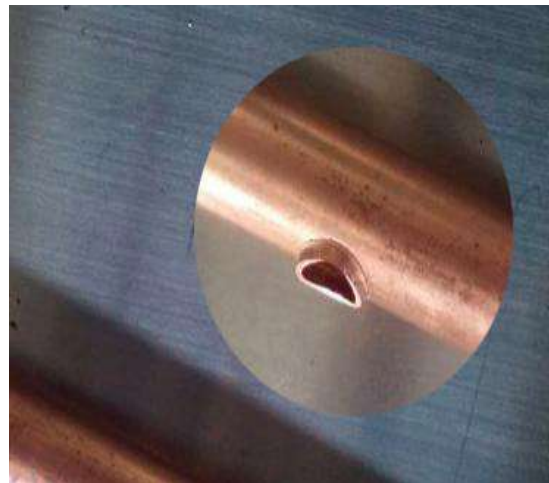
## Photos



The equipment detection system is complete, with origin detection and limit alarm function.

### ➤ Main technical data

No	Device	Brand	Description
1	Controller	Delta	PLC
2	Touch Screen	WEINVIEW	7 Inch Screen
3	Servo Motor	Delta	2 Sets of Servo
4	Button	Schneider	
5	Relay	IDEC	
6	Contactor	Siemens	
7	Proximity Switch	Otonix	
8	Cylinder	WEILI	
9	Wire Rod & Guide Rail	HWIN	
10	Bearing	NSK	



### ➤ Main configuration

No	Parameter	Data
1	Tube materials	copper/steel/bundy tube
2	Suitable diameter	Φ12.7-Φ 50mm
3	Wall thickness	0.3-2.0mm
4	Diameter of holes	according to diameter of tubes
5	Pitch	16mm
6	Flanging height	1-2.5mm



7	Max working length	1700mm (counting from first hole)
8	Working efficiency	2.5-3.5 sec/per hole
9	Motor power	2.2KW
10	Dimension	2350mm*1000mm*1500mm

➤ **Best Price**

Price basis: FOB China

Payment: 30% by T/T in advance, the balance before shipment

Lead-time: within 35 days after receiving down payment.

**Unite price: USD 14,800 (Single servo )**

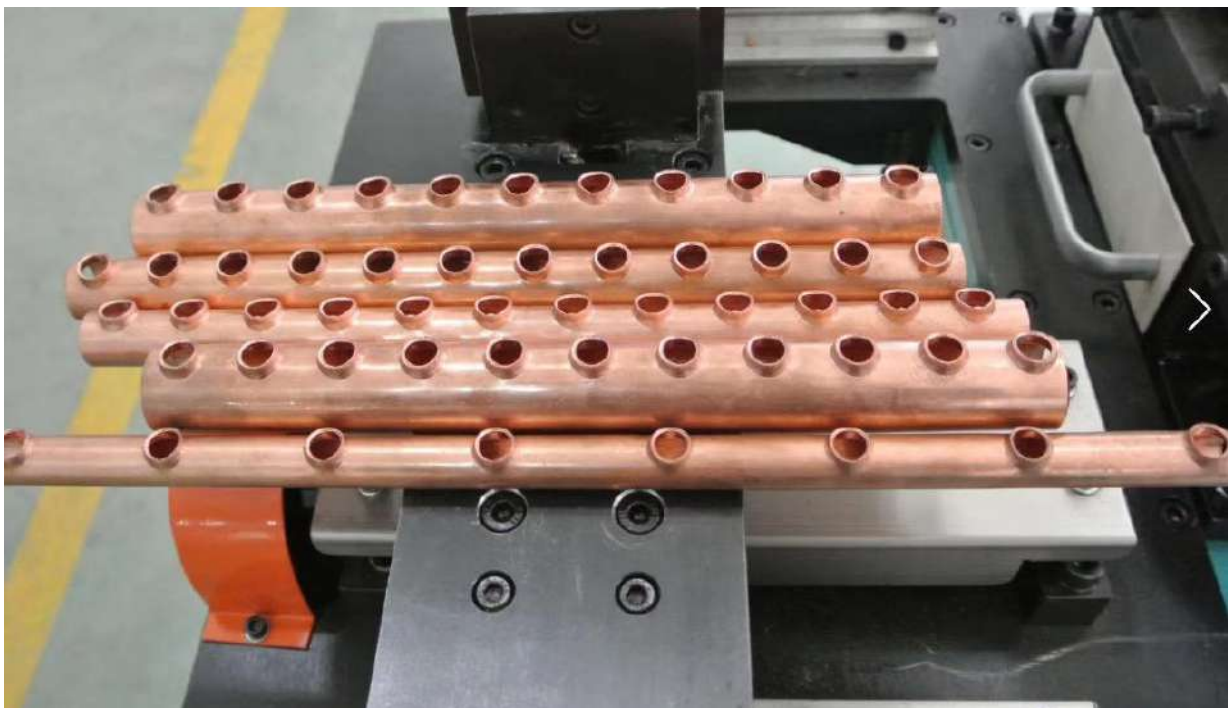
**USD 16,880 (Double servos)**

➤ **Guarantee:**

one year since the date of B/L

➤ **After-sale service:**

We can supply free training in our factory. Should need mounting, adjusting and training service abroad, all related charges, such as visa, insurance, round flight tickets, boarding & lodging, labor charges USD 200 per day, will be borne by buyer.



# Cooper Tube Drilling Flanging Machine D-50

## ➤ Summary

This tube drilling machine is widely used in air condition pipe industry, solar water heater industry.



## ➤ Feature

1. Servo feeding ,pneumatic molding
2. NC programming, easy to operate
3. One time forming,higher efficiency
4. Chip-less cutting,no scars,no need clear

## ➤ Machine Configuration

**Overview:** The equipment consists of a frame, a feeding rotary shaft, a punching flange mechanism, a hydraulic system, and an electronic control system.

**Frame:** The fuselage is welded by profile, and is processed by vibration aging treatment to ensure rigidity and plane accuracy. It is equipped with four adjustable height foot cups. Parts of the equipment are based on actual working conditions and working environment. Perform necessary surface treatments such as electroplating, blackening, quenching, carburizing, electrostatic spraying, etc. to meet the sufficient strength and surface function of the part.

**Feeding shaft:** Feeding consists of precision guide rails, ball screw and servo motor to achieve precise displacement of the clamped copper tube. Three claws.

Punching and flanging mechanism: consisting of a punching cylinder and a die (guide sleeve, push-pull rod, punch), clamped by the cylinder boosting mechanism.

**Hydraulic system:** The integral fuel tank is equipped with an air-cooling system to ensure that the system oil temperature is not more than 55 °C. This equipment adopts a quantitative pump, and the oil circuit adopts energy-saving design; the main reversing valve and oil pump are made of Taiwan quality products.

**Electric control cabinet:** centralized control by Delta PLC, dialogue with human-machine on touch screen, Schneider button, other main electrical components such as switch and intermediate relay are imported products, servo system uses Delta's B2 servo motor and servo controller to To ensure the accuracy, stability and reliability of the control system, the control circuit should be equipped with overload protection; the start switch can be equipped with a pedal or button box.

**Coloring:** The main color of the device is turquoise, and warning signs are also included in the parts that involve personal safety.

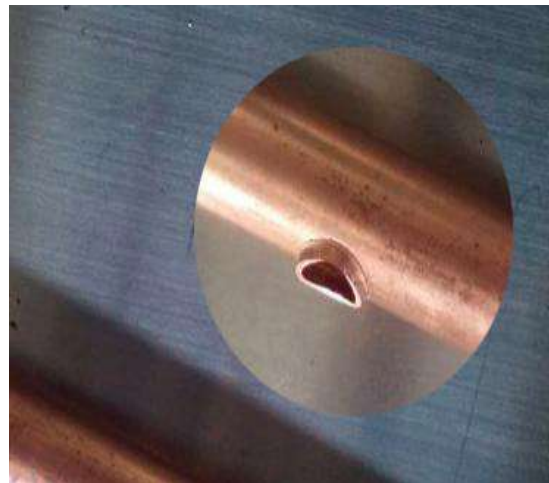
The installation of electrical components of the equipment complies with the relevant national regulations and has a reliable grounding device. The terminals, contactors and small air switches in the electrical box are installed in VDE standard V-groove. The electrical components are clearly marked and electronically controlled. The cabinet adopts the trunking of the all-plastic combing cabinet, the line number is clear; the control panel is neat and the signage subtitles are clear and easy to see.

The equipment control system should have an automatic counting function that accurately counts the number of machining

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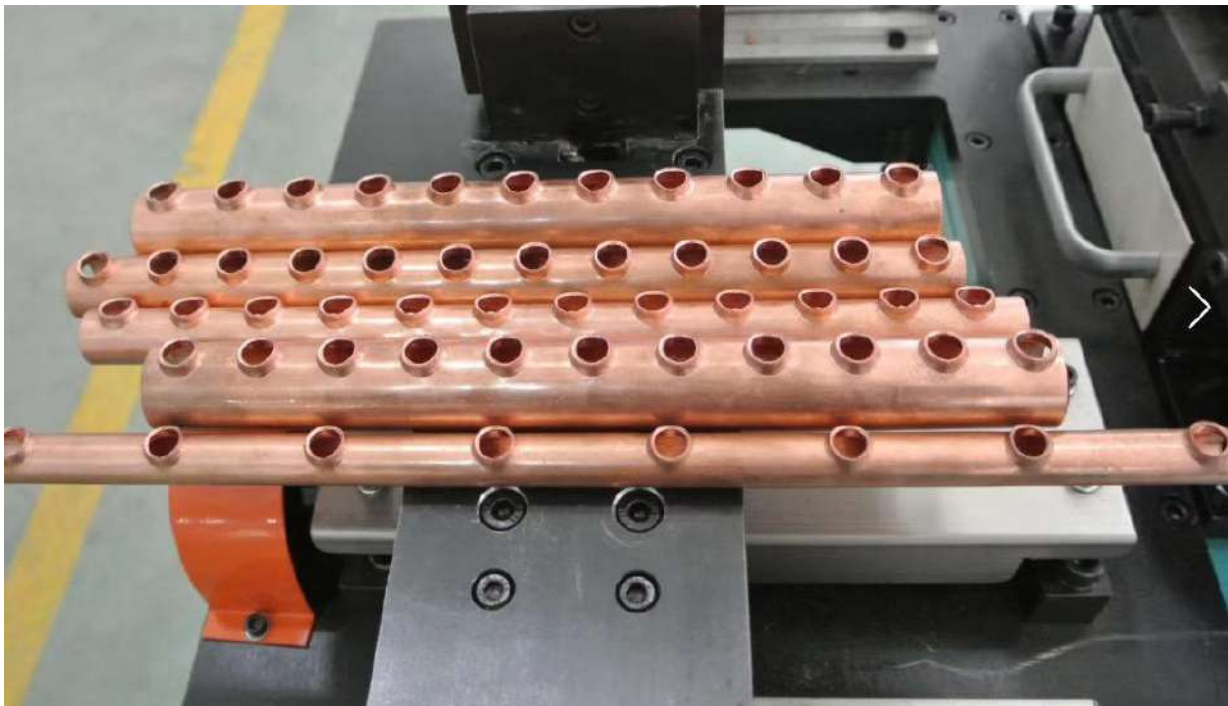
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## CNC Tube Hole Punching And Collar Forming Machine PM-50



### I Summary

CNC Tube Hole Punching And Collar Forming Machine is used for punching and flanging on the pipe wall of thin-walled tubes, also used in air-conditioning, refrigerator and solar tube processing industries.

## II Technical data:

1	Min OD	φ12.7mm (Cu/Al/SS)	15	Processing way	Drilling 、 punching press
2	Max OD	Φ50mm (Cu/Al/SS)	16	Max clamping power	650kg
3	Max tube wall thickness	2mm	17	Max punching power	1500kg
4	Tube temper	Soft/Semi-rigid	18	Max tube length	1550mm
5	Processing stations	2 (punching、collar)	19	Min tube length	150mm
6	Max punching hole diameter	Φ	20	Feeding precision	±0.1
7	Min hole pitch	20 mm (9.7) (Follow drawing)	21	Feeding speed	300 mm/S
8	First hole to end Min length	40mm	22	Rotary precision	0.1°
9	Punching collar height	1-2.5mm (According diameters)	23	Rotary speed	180 °/S
10	Pull hole collar height	1-10mm (Acorning diameters)	24	Electric power	380V (Customized)
11	Control	PLC +7"touch screen	25	Hydraulic pressure	5Mpa
12	Operation	Auto/Manual/Jog	26	Hydraulic motor	2.2KW
13	Feeding	Manual feeding	27	Processing speed	3-7S/Hole (pressing) 12-25S/hole (pulling)
14	Clamp way	Hydraulic	28	Tube Material	Cu/Al/SS

