

Copper / Aluminum RBD Machine



We have many years' experience in researching and developing copper / aluminum RBD machine. In order to meet market needs, we can provide a variety of different copper / aluminum RBD machines. The copper and aluminum RBD machines provided by our company can use 8.0mm copper rod and 9.5mm aluminum rod as the diameter of the wire. After drawing through the wire drawing wheels, the copper wire or aluminum wire with different outlet ranges can be obtained. At the same time, the oxide film on the surface of the copper and aluminum rods can be effectively removed during the wire drawing process to obtain bright copper and aluminum wires. In addition, according to customer needs, the large copper wire drawing machine can also be equipped with an online annealing machine to perform online annealing on the copper wire after the copper rod is drawing to realize the "continuous drawing and continuous annealing" function to improve the mechanical properties of the wire after drawing and Electrical performance, to meet the requirements of wire and cable products for conductors' performance.

The copper and aluminum RBD machines provided by us have the characteristics of fast wire drawing speed, high production efficiency, low equipment area, high quality wire drawing products, and wide wire drawing diameter range. These are the first choice for drawing copper rods and aluminum rods.

1. Features

1. The drawing wheel is installed in a row. The Constant-speed wheel and other wire drawing wheels are driven by two different motors separately, which makes the operation more convenient, and can realize rapid die change and reduce downtime.
2. The drawing die adopts optimized coolant supply, and it can improve the surface of wire.
3. Optional take-up with double-wheel spooler or basket coiler to meet the different needs of customers.

2. Main Technical Parameters

Model	LT-D9T	LT-D11T	LT-D13T	LT-D9L	LT-D11L	LT-D13L
Material	Cu			Al		
Inlet diameter (mm)	8.0	8.0	8.0	9.5	9.5	9.5
Outlet diameter (mm)	2.0 ~ 3.50	1.60 ~ 3.50	1.20 ~ 3.50	2.60 ~ 4.50	2.20 ~ 4.50	1.80 ~ 4.50
Speed (m/min)	Max. 1500	Max. 1500	Max. 1500	Max. 1500	Max. 1500	Max. 1500
Drawing wheel diameter (mm)	400&500	400&500	400&500	400&500	400&500	400&500
Constant-speed wheel	400	400	400	400	400	400

diameter (mm)						
Drawing dies	Max. 9	Max. 11	Max. 13	Max. 9	Max. 11	Max. 13
Mechanical elongation (%)	8% ~ 50%	8% ~ 50%	8% ~ 50%	8% ~ 50%	8% ~ 50%	8% ~ 50%
Annealing current (A)	Max. 4300	Max. 4300	Max. 4300	/	/	/

3. Drawing Effect



Product link : <https://www.linttop.com/copper-aluminum-rbd-machine.html>