
Braiding Machine



Braiding machine is a device used for the production of braiding wire and cable shield or armor. According to different product requirements, it can be used for braiding copper wire, tinned copper wire, silver plated copper wire, aluminum magnesium alloy wire, steel wire and other materials. It is suitable for the braiding of control cables, radio frequency cables, data cables, marine cables, mining cables and other products.

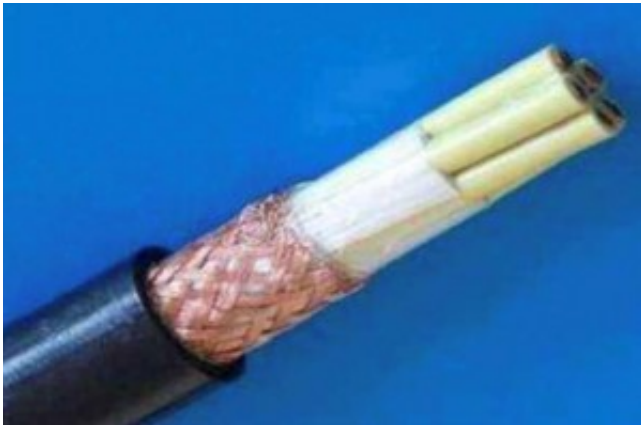
Our company has many years of experience in the development and production of braiding machines. We have developed various series of braiding machines such as vertical high-speed braiding machines, heavy vertical braiding machines, heavy horizontal braiding machines, etc. Each series include braiding machine with multiple spindles. The unique structural design, superb mechanical processing level and precise automatic control make the weaving machine developed by us have fast weaving speed, high weaving precision, large capacity of spindle, small fluctuation of weaving tension, stable operation, low energy consumption, Low noise and simple and convenient operation and maintenance. Compared with traditional low-speed weaving machines, production efficiency can be more than doubled.

The series of high-speed braiding machines developed by our company belong to the domestic first-class level, which can meet the braiding production of various wire and cable products.

1. Features

1. Humanized design of the whole machine, simple and convenient operation. Adopting frequency conversion control method with touch screen and PLC, automatic control, man-machine interface and servo motor drive. The production status is visible on the touch screen. Using man-machine dialogue to query, adjust and control, the braiding precision is greatly improved and the worker's operation difficulty is reduced. .
2. The advanced technology of quantitative and timed automatic lubrication can automatically supply oil to the equipment at the set time interval, so that the equipment can be well lubricated during high-speed operation.
3. Comprehensive fault and safety alarm warning system. It can realize the stop of broken wire, stop of finished wire and tension detection device, which guarantees the quality of braiding.

2. Braiding Effect



3. Main Technical Parameters

The main technical parameters of the equipment are as follows:

Item	Vertical high speed braiding machine		Vertical heavy high speed braiding machine		Horizontal heavy high speed braiding machine			
Model	LT-16A	LT-24A	LT-16Z	LT-24Z	LT-24W	LT-32W	LT-36W	LT-48W
Braiding form	2 over 2		2 over 2		2 over 2			
Braiding direction	Vertical		Vertical		Horizontal			
No. Of spindles	16	24	16	24	24	32	36	48
Bobbin size (mm)	$\phi 75 * \phi 22 * \phi 70$ or $\phi 80 * \phi 22 * \phi 80$		$\phi 110 * \phi 45 * \phi 100$		$\phi 110 * \phi 45 * \phi 100$			
Rotation speed (rpm)	Max.150	Max.100	Max.70	Max.60	Max.45	Max.32	Max.30	Max.22
Braiding pitch length (mm)	3.2 ~ 32.5 or 6.4 ~ 65	13.3 ~ 134.5	18.4 ~ 185.9	27 ~ 270	27 ~ 270			36 ~ 360
Maximum braiding outer diameter (mm)	14	24	30	45	60	75	90	120
Usage	Mainly suitable for soft		Mainly suitable for		Mainly suitable for copper wires and steel			

	shield braiding form including copper wires, aluminum-magnesium alloy wires and other materials for small-size communication cables and control cables	copper wire and steel wire braiding of large wire diameter control cables, marine cables, mining cables, etc.	wires braiding of large wire diameter marine cables and mining cables.
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In addition to high-speed braiding machines, our company can also provide medium-speed braiding machines for braiding copper ribbons and fiber material braiding machines.

Product link : <https://www.linttop.com/braiding-machine.html>