Automatic Wire Winding & Coil Binding Machine for Cable Harness WPM-210

Model No. WPM-210



SPECIFICATIONS

Model Number	WPM-210
Power supply	AC220V/AC110V
Power frequency	50Hz/60Hz
Rated power	120W
Winding length	Adjustable
Winding laps	Adjustable
Winding speed	Adjustable
Size(LxWxH)	400x380x580mm
Protective device	Fuses, fault alarm shutdown

The WPM-210 winds and binds cables into coils — AC/DC cords, USB and HDMI cables, and similar flexible leads. Winding length, number of laps and winding speed are each adjustable, so one machine covers a range of coil sizes instead of one fixed format.

Coiling by hand is the step that sets the pace of a packing line and the one that tires an operator fastest. The WPM-210 turns it into a machine cycle: the operator positions the cable, the machine winds to the set length and lap count, and the coil comes off ready to tie.

At 120 W and 400 × 380 × 580 mm it runs from a normal outlet and sits on a packing bench. Fuses and a fault-alarm shutdown protect the machine if a cable jams mid-wind.

Key Features

1. Winding length, lap count and speed all adjustable — one machine covers a range of coil formats.

2. Handles AC/DC cords, USB, HDMI and similar flexible cable.

3. 120 W motor on 220 V or 110 V, 50/60 Hz — runs from a standard outlet.

4. Fuse protection with fault-alarm shutdown if a cable jams.

5. Compact 400 × 380 × 580 mm body that fits a packing bench.

6. Removes the manual coiling step that limits packing-line throughput.

Technical Specifications

Parameter	Specification
Model	WPM-210
Function	Automatic cable winding and coil binding

Parameter	Specification
Power supply	AC 220 V / AC 110 V
Power frequency	50 Hz / 60 Hz
Rated power	120 W
Winding length	Adjustable
Winding laps	Adjustable
Winding speed	Adjustable
Safety	Fuses, fault-alarm shutdown
Dimensions	400 × 380 × 580 mm

Applications

— AC/DC power cord coiling before bagging.

— USB and HDMI cable coiling for retail packing.

— Data cable bundling in electronics assembly.

— Packing lines where manual coiling is the bottleneck.

FAQ

What types of cables can the WPM-210 Automatic Wire Winding & Coil Binding Machine process?

The WPM-210 is designed to handle a wide variety of cables and cords, including AC/DC power cords, USB cables, HDMI cables, and similar wire harnesses. Its adjustable settings make it versatile for different cable diameters and types commonly used in electronics, appliance manufacturing, and automotive industries.

How does the WPM-210 improve efficiency and reduce operator fatigue?

By automating the repetitive tasks of winding and binding cables, the WPM-210 significantly boosts production speed and consistency. It eliminates manual winding and tying, reducing physical strain on operators. This leads to higher output, fewer errors, and a more ergonomic workflow, directly increasing overall operational efficiency.

What key parameters can be adjusted on the WPM-210 machine?

The WPM-210 offers precise control over the binding process with adjustable winding length, number of laps (turns), and operational speed. These customizable settings allow you to tailor the machine for specific cable lengths, coil tightness, and production throughput requirements, ensuring optimal results for different product specifications.

Is the WPM-210 suitable for binding coils with cable ties?

Yes, the WPM-210 is specifically designed as a coil binding machine that automates the application of cable ties (also known as zip ties or wire ties) around wound coils. It securely binds the harness, providing a neat, professional, and consistent finish that is essential for packaging, shipping, and organization in industrial cable processing.

What are the primary industrial applications for the WPM-210 Automatic Wire Winding Machine?

The WPM-210 is ideal for any industry involved in cable assembly and processing. Key applications include electronics manufacturing, automotive wire harness production, appliance assembly, data center cable management, and the production of consumer electronics where consistent and efficient cable coiling and binding are critical for quality and logistics.