Semi-Automatic Wire Coiling Binding Machine for Cable Harness WPM-212C

Model No. WPM-212C



SPECIFICATIONS

Model Number	WPM-212C
Winding range	50-250mm
Binding range	18-45mm
Twist shape	Round, long, 8shape
Available wire	AC cable, DC cable, data line, video cable, other electric wires
Length accuracy	±(0.002*L) mm
Productivity	66-75 times/min
Noise level:	
Electrical connection	AC 220/110V/50/60Hz
Operation interface	Bilingual
Machine dimensions	500*300*400mm
Weight	52kg
Package	Wooden case

The WPM-212C coils and ties cable in one semi-automatic cycle, with the coil set between 50 and 250 mm and the tie closed at 18 to 45 mm. That tie range matches the bundle sizes used on wire harnesses, and the 250 mm coil takes longer leads than the base WPM-212. AC cable, DC cable, data line and video cable run on the same head, in round, long or figure-eight twist shapes.

Coiling by hand gives a different coil every time the operator changes, and the tie is only as tight as the wrist makes it. The 212C forms the coil to the entered diameter and ties it at 66 to 75 cycles per minute, with length accuracy of 0.002 x L, so a harness shop can hold one coil size across a whole order. The operator's job narrows to feeding wire and removing tied coils.

It is the middle model of the 212 series: 50-250 mm coil and 18-45 mm tie, sitting between the WPM-212 at 50-200 mm and 8-30 mm and the WPM-212L at 50-300 mm and 40-80 mm. Weight rises to 52 kg against 40 kg on the base model, on the same 500 x 300 x 400 mm frame. Choose the 212C when the tie has to fit a standard harness bundle rather than a small cord coil.

Key Features

1. Coil diameter 50-250 mm and tie diameter 18-45 mm, both set on the touchscreen.

2. Tie head sized for 18-45 mm harness bundles, the common range for coiled cable harnesses.

3. Round, long and figure-eight twist shapes selected per product.

4. 66-75 cycles per minute with length accuracy of 0.002 x L.

5. AC cable, DC cable, data line, video cable and other insulated electric wire.

6. Bilingual interface, noise below 70 dBA, 52 kg on a 500 x 300 x 400 mm frame.

Technical Specifications

Parameter	Specification
Model	WPM-212C
Winding range	50-250 mm
Binding range	18-45 mm
Twist shape	Round, long, figure-eight
Available wire	AC cable, DC cable, data line, video cable
Length accuracy	0.002 x L
Productivity	66-75 times/min
Noise level	below 70 dBA
Power supply	AC 220/110 V, 50/60 Hz
Operation interface	Bilingual
Dimensions	500 x 300 x 400 mm
Weight	52 kg

Model Range at a Glance

The WPM-212 series uses one coiling and binding platform across four capacity steps, from 50–200 mm coils on the WPM-212 to 50–300 mm on the WPM-212L. The WPM-212C sits mid-range with an 18–45 mm binding range and 120–190 mm tie length for harness bundles.

Parameter	WPM-212	WPM-212A	WPM-212C	WPM-212L
Winding range*	50–200 mm	50–200 mm	**50–250 mm**	50–300 mm
Binding range*	8–30 mm	5–30 mm	**18–45 mm**	40–80 mm
Tie length	65–130 mm	75–140 mm	**120–190 mm**	200–300 mm
Coil shape	Round, long, figure-8	Round, long, figure-8	**Round, long, figure-8**	Round, long, figure-8
Suitable wire types	AC cable, DC cable, data cable, video cable, other wires	AC cable, DC cable, data cable, video cable, other wires	**AC cable, DC cable, data cable, video cable, other wires**	AC cable, DC cable, data cable, video cable, other wires
Length accuracy	±(0.002 × L) mm	±(0.002 × L) mm	**±(0.002 × L) mm**	±(0.002 × L) mm
Throughput	66–75 cycles/min	66–75 cycles/min	**66–75 cycles/min**	66–75 cycles/min
Noise level	—	—	**—**	—
Power supply	AC 220/110 V, 50/60 Hz	AC 220/110 V, 50/60 Hz	**AC 220/110 V, 50/60 Hz**	AC 220/110 V, 50/60 Hz
Operation interface	Touch screen	Touch screen	**Touch screen**	Touch screen
Dimensions (L×W×H)	485×456×315 mm	455×456×315 mm	**485×435×340 mm**	550×610×420 mm

Parameter	WPM-212	WPM-212A	WPM-212C	WPM-212L
Net weight	45 kg	42 kg	**52 kg**	65 kg
Packing	Wooden case	Wooden case	**Wooden case**	Wooden case

Applications

— Wire harness production: coil a completed harness to 50-250 mm and tie at 18-45 mm for packing.

— AC and DC cordset manufacturing: coil and tie power cords where the loop is larger than a small-cord coil.

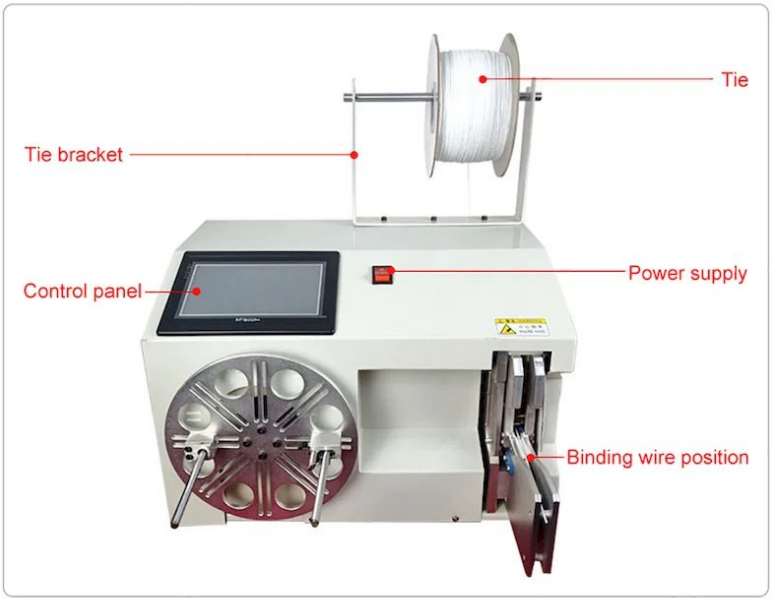
— Data and video cable assembly: figure-eight or round coils with a tie wide enough for the connector end.

— Appliance wiring: coiling internal harness leads before kitting to the line.

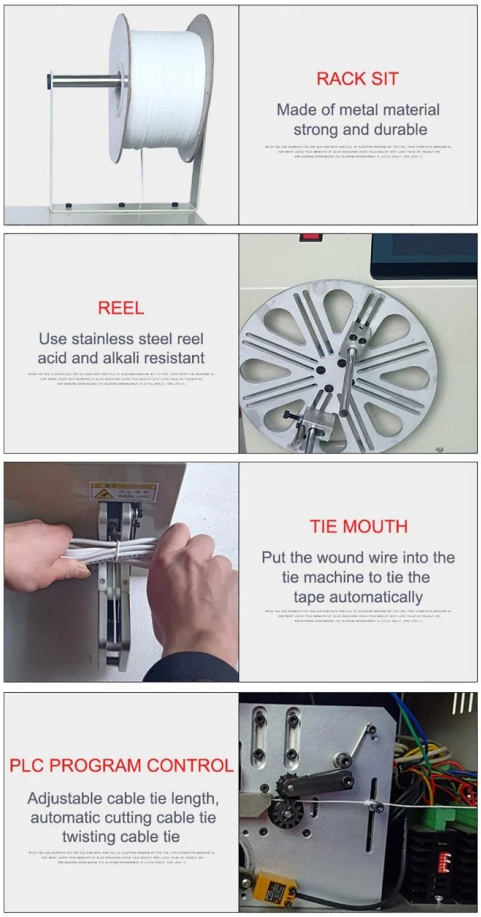
— Harness subcontractors: one repeatable coil and tie standard across several customer part numbers.


TOUCH-SCREEN
WINDING AND BINDING MACHINE
Adjustable speed / Adjustable ring diameter / Adjustable number of turns
Figure eight/Circle


18-45 TOUCH-SCREEN
WINDING AND BINDING MACHINE
Inner diameter of winding circle:
70mm-200mm
Around the horoscope inner diameter:
70mm-200mm
Cable tie:
18mm-45mm
Tie wire bundle diameter:
min:18mm
max:45mm


Tie
Tie bracket
Control panel
Power supply
Binding wire position

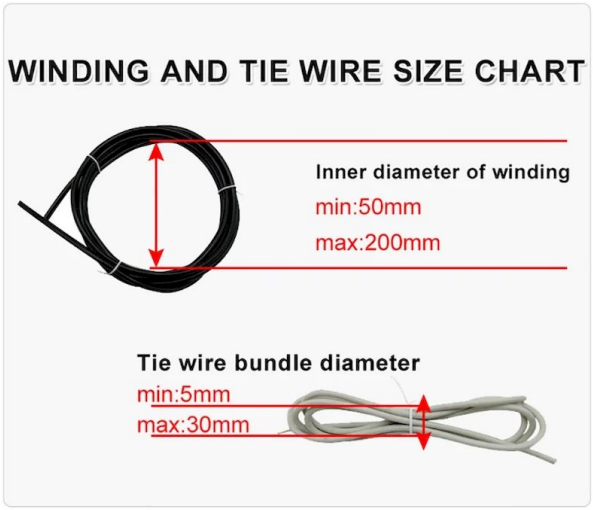
DETAIL PRESENTATION



PRODUCT CONFIGURATION

COMPUTER STRIPPER BENDING MACHINE





Note: 18-45 models,the inner diameter of the winding is the same,and the minimum diameter of the wire is 18mm Maximum 45mm other specifications can be deduced by analogy.





Product Images



FAQ

What types of cables can the WPM-212C Semi-Automatic Wire Coiling Binding Machine handle?

The WPM-212C is designed to boost production for a wide range of wire harnesses. It is suitable for coiling and binding AC/DC power cables, data communication lines, automotive wiring, and various other insulated cables commonly used in electronics, appliance, and automotive manufacturing.

What is the production speed and accuracy of the WPM-212C machine?

This semi-automatic wire coiling binding machine operates at a high speed of 66 to 75 cycles per minute, significantly enhancing throughput. It delivers exceptional precision with an accuracy of ±0.002mm, ensuring consistent and reliable coil dimensions and tight binding for every harness.

What are the main benefits of using a semi-automatic machine like the WPM-212C for wire coiling?

The WPM-212C offers key benefits including a substantial increase in production efficiency over manual methods, reduced labor costs, and minimized human error. Its semi-automatic operation provides an optimal balance of speed, precision, and operator control, resulting in uniformly coiled and professionally bound cable harnesses with improved quality and repeatability.

Is the WPM-212C a combined coiling and tying machine?

Yes, the WPM-212C is an integrated coiling and binding (tying) machine. It performs both the wire winding process to create neat coils and the subsequent binding or tying process to secure the harness in a single, streamlined semi-automatic operation, eliminating the need for separate equipment or manual tying stages.

How can I get more information or purchase the WPM-212C Wire Coiling Binding Machine?

For detailed specifications, pricing, configuration options, or to request a product demonstration, we encourage you to use the 'Inquire now' feature. Contacting our sales team directly will allow us to provide tailored information based on your specific production requirements and facilitate the next steps.