Automatic Zipper & Ribbon Cutter Machine 120pcs/min WPM-850

Model No. WPM-850



SPECIFICATIONS

Automatic Zipper & Ribbon Cutter Machine 120pcs/min WPM-850	
Cutting Length	1-99999mm
Cutting Width	110mm
Cutting Speed	120pcs/min
Knife Type	Cold Knife
Power	0.1kW
Weight	25kg
Packing Size	38x32x30cm (LxWxH)
Feeding Speed	6500mm/min
Cutting Shapes	Straight, Circle, Rounded Corner, Chamfered

The WPM-850 is a bench cutter for zipper, ribbon and webbing. It cuts lengths from 1 mm to 99,999 mm at widths up to 110 mm, at 120 pieces per minute, with a feed speed of 6500 mm/min. The knife is cold and the drive is 0.1 kW, so the unit runs from a standard outlet and weighs 25 kg.

A hot knife seals synthetic webbing but leaves a hardened bead and a discoloured edge, which is not acceptable on printed ribbon or on zipper where the bead fouls the slider. A cold knife avoids both, at the cost of needing the strip held flat while the blade descends: if the material lifts, the cut runs out of square across a 110 mm width. The WPM-850 clamps with a row of spring-loaded fingers over the full deck before the guillotine falls, and the deck carries a millimetre scale so the side guide is set to the strip width without a separate rule.

The WPM-987s is the hot-knife equivalent at 1-95 mm and 350 °C. The WPM-690 cuts hook and loop cold but only to 80 mm straight and 40 mm in shapes. The WPM-990T and WPM-919N take hot or cold knives to 100 mm and 125 mm. The WPM-850 is the widest cold-knife unit in the range at 110 mm, and the only one with a 99,999 mm length limit.

Key Features

1. Cutting width 110 mm, with a millimetre scale printed on the deck for setting the side guide.

2. Length 1-99999 mm and feed speed 6500 mm/min in one pass.

3. 120 pcs/min from a 0.1 kW single-phase drive.

4. Cold knife with a row of spring hold-down fingers across the width; the strip is clamped before the blade descends, so the cut stays square.

5. Four cut shapes selectable: straight, circle, rounded corner and chamfered.

6. LED panel with length, batch and total counters plus keypad; 25 kg, packed at 38×32×30 cm.

Technical Specifications

Parameter	Specification
Model	WPM-850
Machine type	Automatic zipper and ribbon cutter
Cutting length	1-99999 mm
Cutting width	110 mm
Cutting speed	120 pcs/min
Feed speed	6500 mm/min
Knife type	Cold knife
Cutting shapes	Straight, circle, rounded corner, chamfered
Power	0.1 kW
Packing size	38×32×30 cm
Weight	25 kg

Applications

— Garment and bag production: nylon zipper chain cut to length with the teeth left intact

— Cable harness bundling: printed ribbon and polyester tape cut in batches to a fixed length

— Luggage and footwear: webbing and binding tape cut square at 110 mm width

— Label and tag converting: printed ribbon slit and cut without scorching the print

— Packaging lines: decorative ribbon cut to length where a sealed bead is not wanted

Product Images



FAQ

What is the primary function of the WPM-850 Automatic Zipper & Ribbon Cutter Machine?

The WPM-850 is an industrial-grade cold knife cutting machine designed for high-precision, high-speed cutting of zippers, ribbons, computer tapes, and cable harnesses. Its primary function is to automate the cutting process, delivering up to 120 neat, clean cuts per minute without fraying or melting the material edges, which is essential for efficient cable harness manufacturing and textile processing.

What are the key specifications for cutting length and material width?

This machine offers exceptional versatility with a programmable cutting length range from 1mm to 99999mm, allowing for both very short and extremely long cuts from a single machine. It accommodates materials with a maximum width of 110mm. This wide range makes it suitable for diverse applications, from delicate ribbons to wider zipper tapes and cable bundles.

What is the advantage of using a 'cold knife' cutting system?

The cold knife cutting system uses a sharp, unheated blade to slice through materials. This prevents the thermal melting or sealing of synthetic fibers (like nylon or polyester in zippers and ribbons), ensuring a neat, fray-free edge that requires no further finishing. It is cleaner, safer, and more energy-efficient than hot knife cutters, preserving material integrity.

Is this machine suitable for cutting cable harnesses and wire bundles?

Yes, the WPM-850 is highly efficient for cable harness manufacturing. Its powerful cutting mechanism and precise length control allow it to cleanly cut cable sleeving, wire markers, spiral wrap, and tape used in harness assembly. The cold cut ensures insulation materials are not damaged or melted, maintaining wire safety and quality.

How does the automation and speed of 120pcs/min benefit my production line?

With a speed of 120 pieces per minute, the WPM-850 dramatically increases output while ensuring consistent, repeatable cut lengths. Automation reduces labor costs, minimizes human error, and eliminates material waste from inaccurate manual cutting. This leads to higher throughput, improved product consistency, and a faster return on investment for medium to high-volume production environments.