Handheld Automatic Nylon Cable Tie Gun Machine WPM-2502

Model No. WPM-2502



SPECIFICATIONS

Model Number	WPM-2502
Cable Tie Spec	2.5*(80-120mm)
Processing Speed	0.7 sec/pcs
Min Bundling Diameter	1.0 mm
Max Bundling Diameter (Wire)	25 mm
Max Bundling Diameter (Tube)	18 mm
Host Power	AC 220V 50/60 Hz
Gun Power	DC 24V
Pneumatic Pressure	5kg/cm²
Host Dimensions	L 650 x W 550 x H 650 mm
Gun Dimensions	220 x 85 x 52 mm

The WPM-2502 is a handheld automatic nylon cable tie gun fed from a separate host unit — 0.7 seconds per tie, from a bundle as small as 1.0 mm up to 25 mm of wire or 18 mm of tube. The gun is 220 × 85 × 52 mm and weighs little enough to use all shift; the tie reel and pneumatic supply stay in the host.

Feeding, tensioning and cutting the tail are one trigger action. That is what separates it from a manual tie: the tension is set by the machine, so every bundle in a run is closed to the same tightness instead of varying with the operator's grip.

It takes 2.5 × 80–120 mm nylon ties at 5 kg/cm² air pressure. The gun runs on DC 24 V from the host, which itself takes AC 220 V — one power connection for the whole station.

Key Features

1. 0.7 seconds per tie — feeding, tensioning and tail cutting in one trigger action.

2. Handheld gun 220 × 85 × 52 mm, light enough for full-shift use.

3. Bundles from 1.0 mm up to 25 mm of wire or 18 mm of tube.

4. Tension set by the machine, so every bundle in a run closes to the same tightness.

5. Takes 2.5 × 80–120 mm nylon ties on 5 kg/cm² air.

6. Host unit holds the tie reel and air supply; the gun only carries DC 24 V.

Technical Specifications

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Model	WPM-2502
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Applications

— Wire harness bundling — consistent tension across a full production run.

— Tube and hose bundling up to 18 mm.

— Panel and cabinet wiring — ties placed where a manual tie cannot reach.

— High-volume packing lines where tie time sets the pace.

FAQ

What is the primary application and benefit of the WPM-2502 handheld automatic nylon cable tie gun?

The WPM-2502 is engineered for high-efficiency industrial wire harness manufacturing and cable bundling. Its primary benefit is a significant boost in productivity, achieving a cycle time of 0.7 seconds per tie. This handheld automatic cable tie gun eliminates manual tensioning and cutting, ensuring consistent, reliable ties perfect for assembly lines, electrical panels, and automotive wiring applications.

What size cable ties is the WPM-2502 automatic cable tie machine compatible with?

The WPM-2502 handheld cable tie gun is specifically designed to handle nylon cable ties with a cross-section of 2.5mm in width. It is compatible with tie lengths ranging from 80mm to 120mm (approximately 3.15 to 4.72 inches). This range makes it an ideal industrial cable tie tool for securing medium to large wire bundles commonly found in harness production.

How does the automatic function of the WPM-2502 cable tie gun improve workflow?

The automatic function streamlines the cable bundling process by performing tensioning and cutting in one seamless, tool-triggered action. Upon activation, the gun pulls the tie to a pre-set optimal tension and cleanly cuts the excess tail. This automation ensures uniform tightness every time, reduces operator fatigue, and dramatically increases the speed of repetitive tying tasks compared to manual tools.

Is the WPM-2502 suitable for continuous, high-volume industrial use?

Yes, absolutely. The WPM-2502 is built as a professional-grade, industrial cable tie tool for demanding environments. Its robust construction and high-speed operation of 0.7 seconds per piece are specifically engineered for continuous, high-volume production lines. It is the perfect handheld cable tie gun for manufacturing facilities, data centers, and any setting where efficient, reliable wire harnessing is critical.

What makes the WPM-2502 a good investment for wire harness assembly?

Investing in the WPM-2502 automatic nylon cable tie machine translates directly to lower labor costs and higher output. By automating the tying process, it minimizes human error, ensures consistent bundle quality, and drastically reduces the time per harness. The speed, reliability, and ergonomic handheld design of this cable tie gun machine lead to a rapid return on investment through improved efficiency and reduced assembly time in industrial manufacturing.