WPM-801

Model No. WPM-801



SPECIFICATIONS

[illegible]	WPM-801
[illegible]	50-70 [illegible]
[illegible]	220V/50HZ
[illegible]	0.75 [illegible]
[illegible]	30W
[illegible]	9KG
[illegible]	370*250*190MM
[illegible]	[illegible]65db
[illegible]	1-4M

Handheld Automatic Screw Locking Assembly Machine - Boost Assembly Efficiency and Precision

Maximize Assembly Speed and Precision with the Handheld Automatic Screw Locking Assembly Machine: Ergonomic, Efficient, and Designed for High-Volume Production

Introduction:

Revolutionize your assembly line with the **Handheld Automatic Screw Locking Assembly Machine**, a cutting-edge tool designed to dramatically increase efficiency and accuracy in screw fastening. This innovative **Screw Locking Assembly Machine**, also known as an **Automatic Screw Driving Machine**, **Screwing Robot**, or **Automatic Screw Fix Locking Machine**, automates the screw feeding and driving process, allowing operators to focus on product handling and assembly flow. This system is comprised of two key components working in perfect synergy: a sophisticated screw feeding system and a precision handheld screwdriver, delivering a streamlined and highly productive screw fastening solution.

Key Features and Benefits: Efficiency, Precision, and User-Friendly Design

This Handheld Automatic Screw Locking Assembly Machine offers a comprehensive suite of features designed to optimize your assembly process and deliver superior results:

- **Dramatically Increased Efficiency: 50-70 Screws Per Minute:** Boost your production throughput and meet demanding assembly targets. This machine achieves an impressive **efficiency of 50-70 screws per minute**, depending on screw length. This significant speed increase far surpasses manual screw driving, allowing for faster production cycles and increased overall output.

- **One-Handed Operation for Reduced Fatigue and Enhanced Productivity:** Experience ergonomic and effortless operation. Unlike traditional screwdrivers requiring two hands, this **automatic screwdriver machine** is designed for **one-handed operation**. Operators simply hold the screwdriver and align it with the screw hole, freeing up their other hand for product manipulation and reducing fatigue during extended use.
- **Automated Screw Feeding System for Continuous Workflow:** Ensure a constant and uninterrupted supply of screws directly to the screwdriver. The integrated **feeding system** automatically orders, allocates, and distributes screws through a pipe, delivering them directly to the screwdriver tip. This automated feeding system eliminates manual screw handling, keeping the operator focused on the assembly task and ensuring a continuous workflow.
- **Two Screwdriver Types for Versatile Application:** Adapt to different screw materials and application needs with the choice of two screwdriver types:
  - **Standard Type:** Universally compatible and **suitable for screws of all materials**, offering broad application flexibility.
  - **Push-Pull Type:** Designed for speed and efficiency with **magnet-absorptive materials such as carbon steel or iron**. This type utilizes a push-pull action for rapid screw engagement and driving.
- **Improved Operation Accuracy and Reduced Errors:** Enhance product quality and minimize rework. The one-handed operation and precise screw delivery system of the automatic screwdriver machine contribute to **improved operation accuracy**. Operators can focus on precise placement and alignment, reducing errors and ensuring consistent screw fastening.
- **Cleaner and More Hygienic Operation:** Maintain a cleaner and more professional workspace. The automated feeding system reduces direct hand contact with screws, promoting a **cleaner operation**. This minimizes the risk of **secondary pollution and rust** that can be caused by hand contact, ensuring higher quality assembly and a more hygienic working environment.
- **Fast Screw-Feeding Speed for Rapid Assembly:** Minimize cycle times and maximize production speed. The machine boasts a rapid **screw-feeding speed of just 0.75 seconds per screw**. This fast delivery of screws to the screwdriver tip ensures minimal delay between fastenings, contributing to the overall high efficiency of the assembly process.
- **Quiet Operation for a Comfortable Work Environment:** Reduce workplace noise and improve operator comfort. The machine operates at a **noise level lower than 65db**, creating a more comfortable and less stressful work environment for operators, especially during long shifts.

Technical Specifications:

Feature	Specification
Efficiency	50-70 PCS/MIN (Depends on screw length)
Voltage	220V/50HZ
Screw-feeding Speed	0.75 sec/p
Power	30W
Weight	9KG
Dimension (L x W x H)	370250190MM
Noise Level	Lower than 65db
Operating Distance (Pipe Length)	1-4M
Screwdriver Types	Standard Type & Push-Pull Type
Suitable Screw Materials (Push-Pull Type)	Magnet-absorptive materials (Carbon Steel, Iron, etc.)

Applications:

The Handheld Automatic Screw Locking Assembly Machine is ideally suited for a wide range of industries and applications requiring high-volume, efficient, and precise screw fastening, including:

- **Electronics Manufacturing:** Assembly of circuit boards, electronic components, and consumer electronics.
- **Appliance Manufacturing:** Assembly of household appliances and electronic devices.
- **Toy Manufacturing:** High-speed assembly of toys and plastic products requiring screw fastening.
- **Automotive Component Assembly:** Fastening screws in automotive parts and interior components.
- **Furniture Manufacturing:** Assembly of furniture components and hardware requiring screw fastening.
- **Any assembly line where manual screw driving is a bottleneck and increased efficiency is desired.**

Conclusion:

The **Handheld Automatic Screw Locking Assembly Machine** is a transformative tool for businesses seeking to optimize their assembly processes, reduce labor costs, and enhance product quality. Its combination of speed, efficiency, ergonomic design, and versatile screwdriver options makes it an invaluable asset for modern manufacturing. Invest in the Handheld Automatic Screw Locking Assembly Machine and experience a significant boost in your assembly line productivity and overall operational efficiency.

FAQ

WPM-801 ?

WPM-801 50-70

WPM-801 ?

WPM-801 220V 30W 9

WPM-801 ?

WPM-801

WPM-801 ?

WPM-801

?

家电 —