

JW MACHINERY

JW Screw Fastening Machine Catalog

Automatic Screw Locking & Driving Solutions for Assembly Automation

Professional automatic screw fastening machines for assembly automation — handheld, desktop, multi-axis and rotary table solutions engineered for precision, speed and reliability.

XIAMEN JINGWEI TECHNOLOGY CO., LTD.



<https://www.cablecutting.net/> | WhatsApp: +86-18965153335 | sales@cablecutting.net

XIAMEN JINGWEI TECHNOLOGY CO., LTD.

Product Overview

High-efficiency screw fastening machines for electronics, automotive, appliance and toy assembly



WPM-805

Portable Automatic Screw Locking Machine with Auto Feeding WPM-805



WPM-1050H

Automatic Screw Feeder Machine with 0.01mm Precision WPM-1050H



WPM-AF1

Handheld Automatic Screw Locking Machine with Air Feeder



WPM-4220-2Z

Automatic Desktop Screw Locking Machine for Toys & Electronics WPM-4220-2Z



WPM-SL5331

Desktop Auto Screwdriving Machine for Assembly Automation WPM-SL5331



WPM-803

Automatic Screw Locking Assembly Machine with 4 Stations WPM-803



WPM-802

3 Axis Automatic Screw Driving Machine WPM-802



WPM-801

Handheld Automatic Screw Locking Assembly Machine WPM-801

Portable Automatic Screw Locking Machine with Auto Feeding WPM-805



Description

Portable automatic screw locking machine with turbine auto-feeding and brushless high-speed electric drill. Delivers 55-60 screws per minute (0.6-1s/screw), replacing up to 4 manual workers. Features Japanese SMC pneumatics, single-chip microcomputer control, automatic screw arrangement/screening/replenishment, and thread skidding detection. Compact 340×235×270mm at 15kg, ideal for electronics, toys, appliances and automotive assembly.

Parameter	Value
Model Number	WPM-805
Pneumatic Brand	Japanese SMC + Taiwan Yadex
Control System	Single-chip microcomputer
Feeding Method	Turbine automatic feeding
Locking Speed	0.6-1S per screw
Screw Capacity	~3,000 pcs
Power Supply	AC220V, 100W
Air Source	0.5-0.6 KPA
Dimensions	340×235×270mm
Weight	15kg

Key Features

- Auto feeding & locking
- Up to 60 screws/min
- Replaces 4 manual workers

MODEL: WPM-805

Automatic Screw Feeder Machine with 0.01mm Precision WPM-1050H



Description

Precision automatic screw feeder with 0.01mm positioning accuracy and 0.5s/piece feeding speed. Handles M1.0-M5.0 screws (thread length ≤20mm) using turntable impeller loading and Japanese vibration motor for smooth, jam-free operation. Ultra-compact 25×15×18cm at only 3kg with 25W low power consumption. Ideal for electronics, mobile phones, locks and precision instrument assembly lines.

Parameter	Value
Model Number	WPM-1050H
Ambient Temperature	-10°C to 40°C
Screw Specifications	M1.0-M5.0, thread ≤20mm
Feeding Efficiency	0.5s/pcs
Positioning Accuracy	0.01mm
Power Consumption	25W
Feeding Method	Turntable impeller loading
Power Supply	AC220V 50Hz to 12V
Dimensions	25×15×18cm
Weight	3kg

Key Features

- 0.01mm ultra-precision
- 0.5s/pcs high speed
- Japanese vibration motor

MODEL: WPM-1050H

Handheld Automatic Screw Locking Machine with Air Feeder



Description

Handheld automatic screw locking machine with pneumatic air-blowing feeder for deep-hole bracket applications. Achieves up to 70 screws per minute with one-handed ergonomic operation. Adjustable torque, 0-1800 RPM speed, handles M1.0-M6.0 screws (2.7-25mm length). Prevents screw contamination from hand contact, features optional counting/alarm functions. Ideal for cable harnesses, electronics and general assembly.

Parameter	Value
Model	WPM-AF1 (Customizable)
Feeding Method	Pneumatic air blowing
Operation	Handheld automatic
Assembly Speed	Up to 70 screws/min
Screw Requirement	Length > 1.2× head diameter
Torque	Adjustable
Rotational Speed	0-1800 RPM
Applicable Screws	M1.0-M6.0, L:2.7-25mm
Function	One-hand operation, alarm system

Key Features

- Pneumatic air blowing
- 70 screws/min high speed
- One-hand ergonomic operation

MODEL: WPM-AF1

Automatic Desktop Screw Locking Machine for Toys & Electronics WPM-4220-2Z



Description

Desktop automatic screw locking machine with dual-Y platform for alternating left-right product loading, enabling non-stop high-efficiency operation. Features vacuum suction screw feeding, $\pm 0.03\text{mm}$ repetitive accuracy, 1-1.5s/screw speed, and Japanese servo motor. Supports 15 programs (99 points each), leakage lock/slip-tooth/floating detection, and automatic induction start. Handles M1-M4 screws for toys, electronics, appliances, lighting and communication equipment.

Parameter	Value
Model Number	WPM-4220-2Z
Locking Range	X200×Y420×Z135mm (dual Y)
Locking Time	1-1.5 sec/pc
Repetitive Accuracy	$\pm 0.03\text{mm}$
Program Memory	15 sets, 99 points each
Feeding Method	Vacuum suction
Control System	SCM + Touch Screen
Motor System	Precision closed-loop stepper
Power Supply	220V 50/60Hz
Air Supply	0.4-0.6 MPa
Applicable Screws	M1-M4 (max 16mm length)
Dimensions	970×820×900mm
Weight	100kg

Key Features

- Dual-Y alternating operation
- $\pm 0.03\text{mm}$ precision
- Vacuum suction feeding

MODEL: WPM-4220-2Z

Desktop Auto Screwdriving Machine for Assembly Automation WPM-SL5331



Description

Desktop auto-screwdriving robot designed to replace manual screw locking stations in modern assembly lines. Features $\pm 0.02\text{mm/axis}$ positioning accuracy, 600mm/s moving speed, adjustable torque ($1.0\text{--}12\text{ kgf}\cdot\text{cm}$), and 999 program groups with up to 1000 points each. Fully automatic operation with consistent torque control eliminates human error, reduces labor costs and increases throughput. Ideal for electronics, appliances, toys and automotive component assembly.

Parameter	Value
Model Number	WPM-SL5331
Power Supply	AC220V 50/60Hz
Screwdriver Torque	1.0-12 kgf·cm
Moving Speed	600mm/s
Air Pressure	0.5-0.7MPa
Position Accuracy	$\pm 0.02\text{mm/axis}$
Program Capacity	999 groups/1000 points
Type	Desktop multi-axis screw robot

Key Features

- Multi-axis desktop robot
- $\pm 0.02\text{mm}$ precision
- 999 program groups

Automatic Screw Locking Assembly Machine with 4 Stations WPM-803



Description

High-throughput automatic screw locking machine with 4-station rotary table enabling simultaneous feeding, testing and locking operations for maximum productivity. PLC intelligent control with LCD touchscreen provides intuitive operation and real-time production data. Horizontal adjustment $\pm 30\text{mm}$, vertical adjustment $\pm 15\text{mm}$, handles screws up to 30mm long. Heavy-duty 180kg construction, fully customizable product size compatibility. Ideal for high-volume electronics, appliances, toys and automotive assembly lines.

Parameter	Value
Model Number	WPM-803
Rotary Table	4 working stations
Horizontal Adjustment	$\pm 30\text{mm}$
Vertical Adjustment	$\pm 15\text{mm}$
Max Screw Length	30mm
Control System	PLC + LCD touchscreen
Voltage	AC220V 50Hz
Dimensions	800×600×1800mm
Weight	180kg

Key Features

- 4-station rotary table
- PLC + LCD control
- Continuous feed-test-lock

MODEL: WPM-803

3 Axis Automatic Screw Driving Machine WPM-802



Description

3-axis (X/Y/Z) automatic screw driving machine with integrated electric screwdriver and air-blowing auto feeder. Processes 3-5 seconds per workpiece with 8,000-piece screw pocket for extended uninterrupted operation. Handles M1-M6 screws of all head types, customizable for specific applications. Compact desktop 670×550×610mm at 60kg. Ideal for electronics, household appliances, automotive and toy manufacturing requiring multi-position screw fastening.

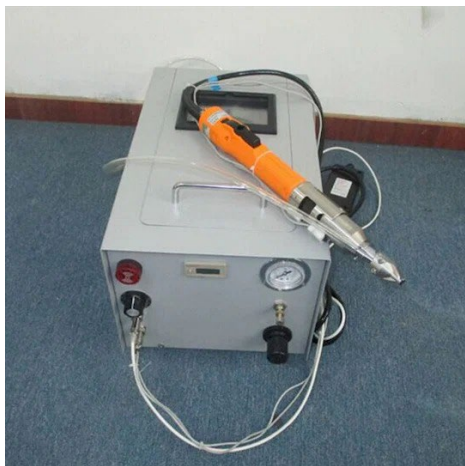
Parameter	Value
Model Number	WPM-802
Axis Configuration	3 Axis (X/Y/Z)
Voltage	220V, 360W
Efficiency	3-5 seconds/workpiece
Screw Import	Air-blowing type
Screw Pocket Capacity	8,000 pcs
Application Scope	M1-M6, all head types
Customization	Yes
Dimensions	670×550×610mm
Weight	60kg

Key Features

- 3-axis XYZ positioning
- Air-blowing feeding
- 8,000 pcs capacity

MODEL: WPM-802

Handheld Automatic Screw Locking Assembly Machine WPM-801



Description

Lightweight handheld automatic screw locking machine at only 9kg with one-handed ergonomic operation. Achieves 50-70 screws per minute with 0.75s fast screw feeding through 1-4M pipe. Available in two screwdriver types: Standard (all materials) and Push-pull (magnetic materials like carbon steel). Low noise operation under 65dB, automatic screw ordering/feeding prevents contamination. Ideal for electronics, appliances, toys, furniture and automotive assembly lines.

Parameter	Value
Model Number	WPM-801
Efficiency	50-70 PCS/MIN
Feeding Speed	0.75 sec/pc
Voltage	220V/50Hz, 30W
Weight	9kg
Dimensions	370×250×190mm
Noise Level	<65dB
Pipe Distance	1-4M
Screwdriver Type	Standard / Push-pull

Key Features

- 50-70 screws/min
- One-hand operation
- Low noise <65dB

Contact Us

Company:	XIAMEN JINGWEI TECHNOLOGY CO., LTD.
WhatsApp/WeChat/Mobile:	+86-18965153335
Tel:	+86-0592-8628902
Fax:	+86-0592-6065010
Email:	sales@cablecutting.net
Contact Persons:	Mr. Kevin, Ms. Donna
Skype:	kevin201166
Website:	https://www.cablecutting.net/
Address:	No.526 Xinglinwan Road, Jimei District, Xiamen City, Fujian Province, China

Request a Quotation

sales@cablecutting.net | +86-18965153335