

Handheld Automatic Screwdriver Machine



Introduction

Automatic screwdriver machine consists of two parts: screw-feeding system and screw-locking system. First, the feeding system will order screws and distribute them through allocation, and then send them to the screwdriver via the pipe. Then, the electric or pneumatic screwdriver will lock the screws into the right place of the products. Compare with traditional screwdriver, automatic screwdriver machine just needs one hand to take the screwdriver and align the screw hole, saving the other hand. After locking one screw, another one will be sent to the mouth of the screwdriver the moment it is lifted.

Advantages

- 1) Convenient. It can save a hand to hold the products and can save a positioning fixture if the product is small.
- 2) Fast. It can completely save the time for grasping and moving screws and the time of alignment and waiting.
- 3) Clean. It can avoid pollution of screws for saving the action of fetching screws by hand.

Feature

Automatic screwdriver machine subvert the working principle of traditional screwdriver machine by abandoning the vibration plate and pusher. It carries forward the advantages and overcomes the disadvantages of traditional screwdriver machine, making it portable, safe, stable and fast with low noise and low energy consumption.

- 1) The screwdriver is small and will not block workers' sight.
- 2) The screwdriver is very light in weight and do not give a sense of heaviness.
- 3) The noise is below 65db.
- 4) The screw will not vibrate and fade for not using the vibration plate
- 5) Total weight is about 9kg, easy to carry.
- 6) With intelligent alarm function (acousto-optic remind) for component shortage.

Specification

Power	220V, 50HZ
Voltage	30W
Air press	2-3KGF/C m ²
Capacity of Screw Pocket	M2 X 6 5000PCS
Screw-feeding Speed	0.5 sec/ piece
Efficiency	50-70 pcs/m depends on screw length
Conveying Distance	1-4M
Noise	below 65db
Size(L*W*H)	370*250*190 mm
Weight	9kg

Application

- 1) Scope of applicative screws: M1- M6
- 2) Scope of applicative screw heads: for any universal type
- 3) Surface Treatment of screw: electrolytic nickel plating, color zinc plating, white zinc plating, and copper plating, etc.
- 4) Screw Materials: iron, copper, stainless steel, etc.
- 5) Materials of products to be screwed: plastic, iron, aluminum, etc.
- 6) Applicative Industries: mobile photo, hard disk, keyboard, toy, LCD/LED modules, communication equipment, electrical appliances, auto parts and so on.