

1. I. S-300B Fully Automatic High-Speed Molding and Taping Machine

(1) II. Equipment Features

The S-300 fully automatic molding and taping machine has a high taping speed and is equipped with a testing function. When configured with the corresponding tester, it can quickly test the capacitance and resistance values of chips and sort out the good and defective products. This taping machine uses a single - chip microcomputer as the core control unit. The display screen has a unique design. It uses a liquid - crystal display for order placement and simulates the status of each control point. It allows users to conveniently set and modify various parameter values, monitor various working states and the taping speed. The taping machine operates stably and has reliable performance.

(2) III. Product Parameters

1. Mechanical Structure

- It is equipped with a square rack feeder and precision fixtures made of special materials. The center line is accurate, making it more convenient to change product specifications. There is no clamping damage to the products. The molding die is integrated, with accurate molding dimensions and rapid disassembly and assembly.

- The servo control system replaces the traditional clutch, effectively solving the mechanical failures caused by the clutch, reducing the equipment maintenance cost, and making maintenance easier.

- All cams are imported originally, with a grinding accuracy of up to 0.01mm. It has low noise, stable high - speed operation, and the service life of the equipment can reach more than 15 years.

- It adopts a touch - screen operation interface and the world' s most stable brand PLC or single - chip control system. The data is highly centralized, and the operation is simple.

- This machine is suitable for processing products with a conventional range of $\Phi 4$ - $\Phi 10$. Among them, $\Phi 4$ - $\Phi 6$ share one set of fixtures, and $\Phi 8$ - $\Phi 10$ share another set of fixtures.

2. Technical Parameters

- **Power supply:** 220V/50HZ/1.6KW
- **Air pressure:** 4 - 5Kg/cm²
- **Production capacity:** 180±20 PCS/minute
- **Hole pitch/hole diameter:** 12.7mm (standard hole pitch)/4.1mm (other hole pitches can be customized according to requirements)
- **Formed lead pitch:** 2.5mm, 3.5mm, 5.0mm (7.5mm, 10mm, 15mm and above need to be ordered separately)
- **Taping height:** 17mm – 21mm
- **Product length:** L = 5 - 30mm
- **Packaging method:** Boxed/coiled
- **Specifications of processed products:** Diameter $\Phi 6$ - $\Phi 10$ mm
- **Mechanical dimensions:** 2200L 1200W 1500H (mm)
- **Mechanical weight:** 700 - 900 Kg

(3) IV. Products Suitable for the Equipment

