

Automatic SMT Reel Tape Cutter/ Cutting Machine



Dimension (3 standard options)	780(L)*290(W)*450(H)mm 850(L)*290(W)*450(H)mm 950(L)*290(W)*450(H)mm
Cutting thickness	0.05-1.5mm
Weight	30-45kg
Power supply	1ph 50W AC220V /110v. 50/60Hz
Cutting speed	3s/m (max), speed can be adjusted

Description:

Applies automatic cutting of feeder waste tape on SMT pick-and-place machines, reducing the volume of waste stacking and manual labor, and enhancing the 5S standards of the production line.

Features:

1. Cutting Structure
A gear knife rolling cutting mechanism, which relies on the continuous tension of eight springs at the bottom of the gear knife to ensure a tight fit between the gear knife and the straight knife during cutting.
2. Knife Blade Material
Made from FS-353 steel, which has twice the toughness of SKD-11 and demonstrates better hardening capability. The gear knife can be resharpened repeatedly, while the straight knife can be used on all four sides.
3. Applicable Carrier Tapes
Suitable for various SMT carrier tapes, capable of easily cutting tapes ranging from 0.05mm thin film to 1.5mm thick tape. It can also cut tapes with metal pins.
4. Adjustable Speed
Controlled by a microcomputer, the back-and-forth cutting speed is adjustable, allowing you to set it according to the desired length of the carrier tape.
5. Waste Box Sensor
A safety sensor is installed at the waste collection area. The machine automatically stops working when the waste box is removed, preventing employees from reaching under the machine and ensuring safety. It also prevents scrap material from falling into the machine.
6. Limit Switches
Limit switches are installed at both ends of the cutting stroke. The machine will shut down if the stroke is exceeded.