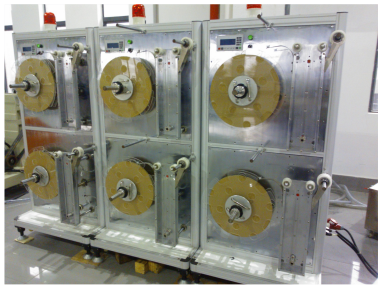
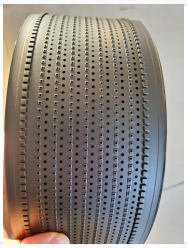
Embossed Carrier Tape Forming Machine

This machine produces embossed carrier tape for automated component handling. It forms single or three-layer tapes from PC and PS, offering adjustable dimensions for various electronic components.



ADDITIONAL IMAGES



Overview

High-Speed Embossed Carrier Tape Forming

This advanced machine offers a complete automated solution for producing high-precision carrier tapes, integrating extrusion, molding, punching, slitting, and winding into a single process. Capable of reaching linear speeds of 25m/min per tape, it significantly reduces production costs compared to traditional two-time forming technologies. The system supports both single-layer PC and three-layer PC/PS conductive tapes, ensuring high-efficiency raw material utilization for electronic component packaging.

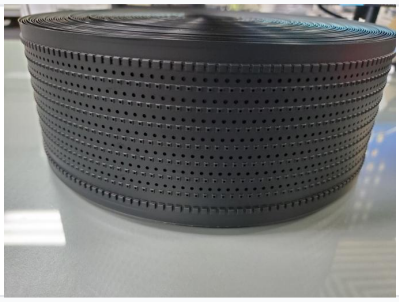
Performance Metrics

Key Performance Indicators

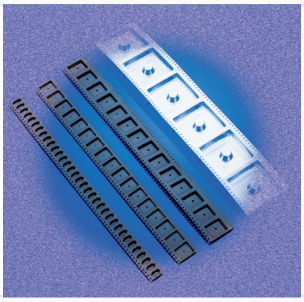
25 m/min	0.2 mm	0.5 mm
Max Linear Speed	Min Thickness	Max Thickness

Rooms 05–15, 13A/F South Tower, World Finance Centre, Harbour City, 17 Canton Rd, Tsim Sha Tsui, Kowloon, Hong Kong

Tape Specifications



Precision-engineered carrier tape showing uniformly spaced pockets for electronic components.



Carrier tape designed for automated pick-and-place assembly equipment.

Material Options

- Single-layer Polycarbonate (PC)
- 3-layer Conductive PS/PC/PS Composite
- Black Conductive PS Sheet
- RoHS Compliant Materials

Standard Tape Widths	12mm, 16mm, 24mm, 32mm, 44mm

Technical Features

Full view of the automated carrier tape production line featuring extrusion and forming stations.

Automated Production Steps

- Direct Raw Material Extrusion
- Precision Molding
- High-Speed Punching
- Automatic Slitting
- Final Reel Winding

Available Configurations

- One-into-four (4 output lines)
- One-into-six (6 output lines)

Logistics & Service

Shipping Protection

- Plastic film & stretch film wrap
- Wooden case enclosure
- Drying agent (desiccant) included
- Steel wire container fixing

Service & Support System

Phase	Services Provided
Pre-Sale	Turnkey solutions, machine introduction, and test production reference.
In-Production	Layout drawings, pipeline/wiring suggestions, and status updates.
After-Sale	Overseas installation, commissioning, training, and material formula support.

Lead Time	Approximately 100 days for all new parts

Compliance

Regulatory Standards

RoHS Standard