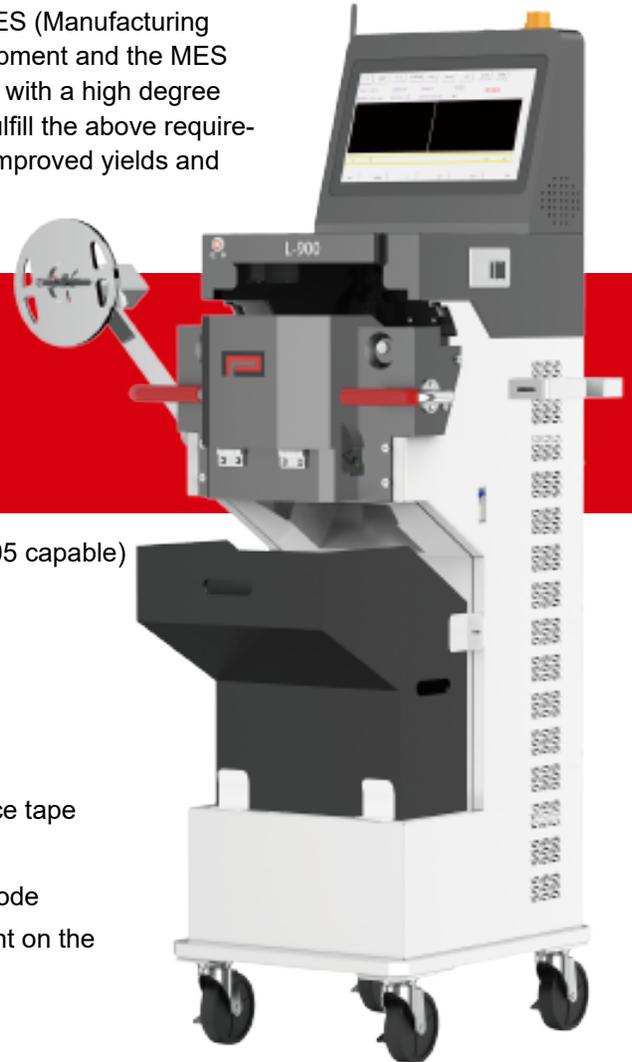


SMT MULTI-FUNCTION SPLICING SYSTEM

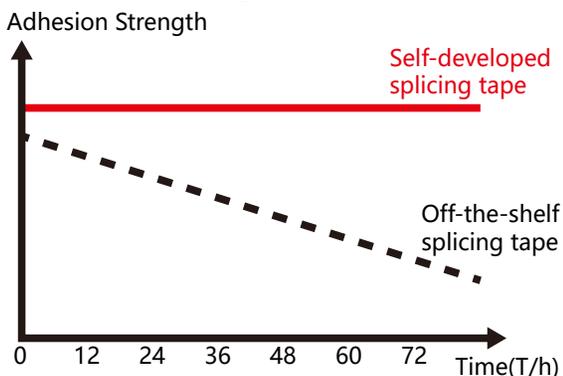
Automatic splicing machine is an integral part of the modern MES (Manufacturing Execution System) in the SMT factory. Integration requires equipment and the MES to work seamlessly, and also requires the equipment to function with a high degree of automation. L-900 Automatic splicing machine not only can fulfill the above requirements, but also deliver unsurpassed splicing reliability to drive improved yields and utilization.

L-900



- Automatic splicing for 8\12\16\24mm width carrier tapes (01005 capable)
- Carrier tape thickness 0.25–1.4mm (paper) and 0.25-7.5mm (embossed) applicable
- Continuous operation for up to 16 hours once fully charged
- Up to 98% FPY
- Bluetooth and Wi-Fi connectivity to the factory MES
- Superior adhesive strength in comparison with traditional splice tape connector, thus enhancing splicing reliability
- Validation function available in both stand-alone and online mode
- Power-assisted (motor powered) wheels to facilitate movement on the shop floor
- Empty-pocket detection using vision inspection.

Adhesion strength and durability



Empty-pocket detection



Proprietary bond head with carrier tape inspection system



Different carrier tape widths

8mm Paper tape



8mm Embossed tape



12mm Embossed tape



16mm Embossed tape



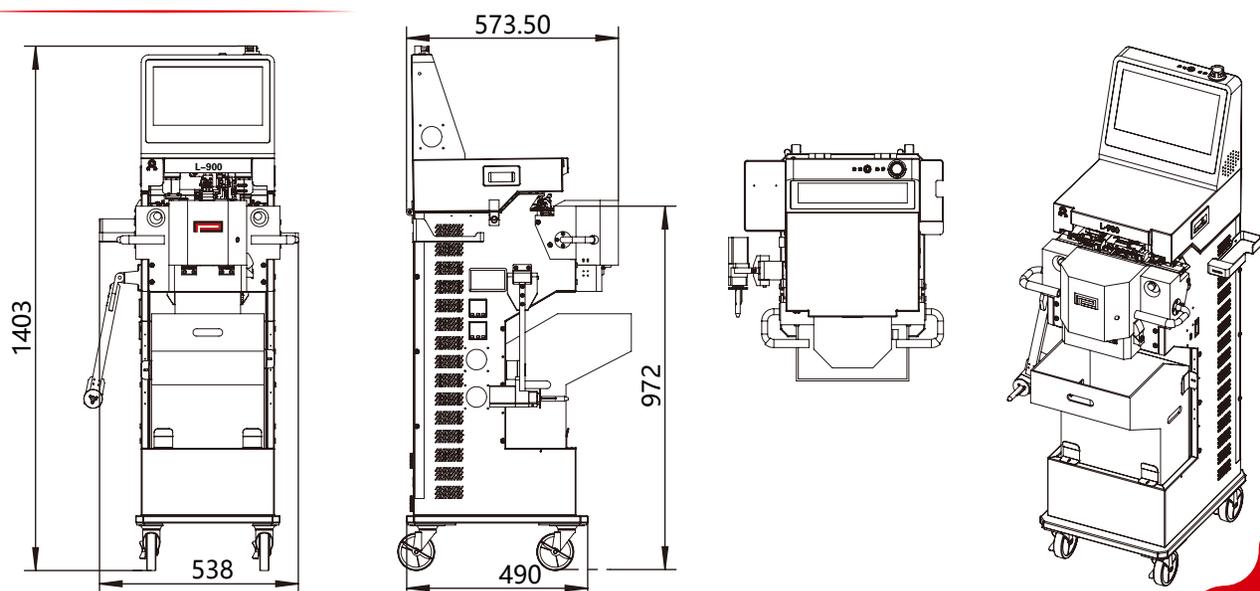
24mm Embossed tape



TECHNICAL SPECIFICATIONS

Facilities Requirements	Machine Dimension (mm)	538(W) × 573.5(L) × 1403(H)
	Weight	80 kg
	Safety	Fully enclosed design with safety interlock switches
Conveyor	Conveyor Height (mm)	972
Power Supply	Power Source	60Ah Battery
	Operation Time (when fully charged)	12-16h
	Charging Voltage	24V DC
	Power	240W
Motion System	Repeatability (mm)	0.1
	Positioning Accuracy (mm)	±0.2
Carrier Tape	Automatic Width Adjustment (mm)	8 / 12 / 16 / 24
	Pitch (mm)	2 / 4 / 8 / 12 / 16 / 20
	Minimum Length for Splicing (mm)	170
Component Reel	Motorized Winder	Standard Configuration
	Reel Size (mm)	≤φ380 (please consult your sales agent for special requirements)
Splicing Rate	Cycle Time (sec)	≤10 (not including loading time)
Software and Programming	Control	Computer Control
	Operating System	Windows Interface
	Communication with MES	Customizable
	Available Information	Barcode Information, Battery Level, Alarms, Settings, Splicing Records
Options and Accessories	Power-assisted wheels	Available as Option
	AGV version	Available as Option (please consult your sales agent)
	Carrier Tape Vision Inspection System	Available as Option
	Label Printer	Available as Option
	Barcode Scanner	Standard Configuration
Extension Port	USB2.0	Standard Configuration

DIMENSIONS



Youngpool Technology Co.,Ltd

SZ Tel: +86 755 2782 3996 Fax: +86 755 2782 3995
 Add: 3F, Building 17, Cuigang District 3, Fuyong Huaide,
 Baoan District, Shenzhen

<http://www.ypoolsmt.com>

HK Tel: +852 2668 1868 Fax: +852 2668 1899
 Add: Room 803, Chevalier House, 45-51 Chatham
 Road South, Tsim Sha Tsui, Kowloon, Hong Kong

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