

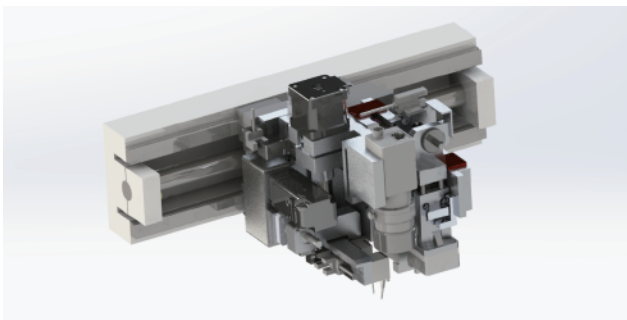
SMT MULTI-FUNCTION SPLICING SYSTEM

L-900 as SMT Industry pioneer in splicing system, not only can perfectly handle 8 ~ 24mm tape, but also has strong compatibility and the most powerful splicing passing ability. Deep pocket capability up to 9mm, strong splice tape adhesion strength of 5 kg and with the anti-torsion of 360 degrees. Therefore, L-900 is not only a intelligent splicing machine, but also a highly precise tool to improve SMT production efficiency.

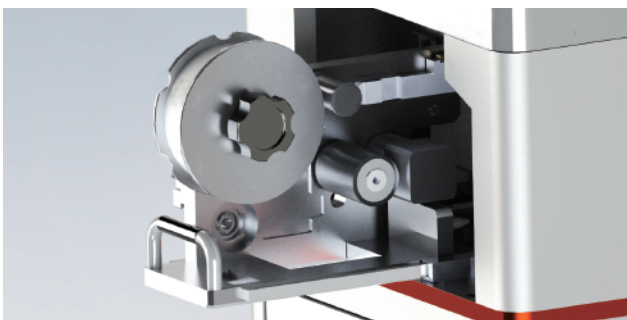
L-900

- Support 8, 12, 16, 24mm component tape width
- Support paper and embossed tape
- Support deep pocket up to 9mm
- Optional LCR verification for Capacitors and Resistors
- Independent X/Y/Z axis design for LCR verification
- Auto adjust LCR measurement probe for components size from 01005"
- Intelligent vision system
- Auto empty pocket detection with pre-cut stations and component pitch verification
- Excellent FPY up to 98%
- Support MES

Independent axis: vision system, LCR measurement, Splicing mechanism.



Pull-out design: Splicing Tape feeding system.



Unique Splicing Tape design:

8mm Tape

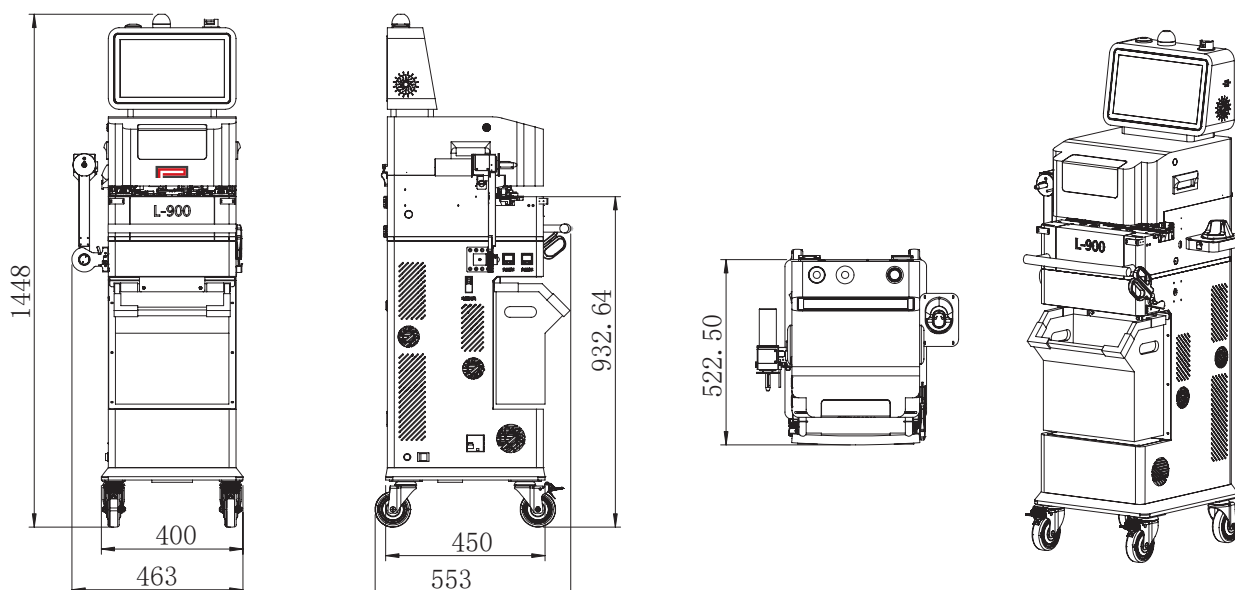


24mm Tape



SPECIFICATIONS

Tape splicing system	X axis Repeatability (mm)	±0.01
	Y axis Repeatability (mm)	±0.01
	Positioning Accuracy of tape (mm)	±0.2
Information of component tape	Component tape width (mm)	8/12/16/24
	Component pitch (mm)	2/4/8/12/16/20/24
	Component pocket depth max. (mm)	9
	Component tape thickness (8mm tape) (mm)	0.25~1.25
Conveyor system	Conveyor height (mm)	930±15
Rewinding device	rewinding arm	Standard one rewinding arm , optional Two rewinding arms
	Reel Size (mm)	Max.Ø380, Optional Ø500
	Max. load (kg)	Max.20
Decoded mode	Barcode camera attach on rewinding arm	Optional
Splicing Rate	Cycle Time (sec)	≤10S (not including LCR test time and manual feeding time)
Splicing capacity	Splicing FPY	98%
	Splicing gap (mm)	±0.1
Software control	Automatic component pitch identification	Standard
	Component size comparison	Standard
	BOM import wizard	Standard
	Silk Screen Recognition	Optional
LCR	Measurement accuracy	±0.05%
	Measurement range	L: 0μH-1000H, C: 0pF-20mF, R: 0Ω-20MΩ
	Measurement method	Two-sided measurement value
	Test pass rate	95% (01005 Component)
Electricity	Power supply mode	24V DC 80Ah Lithium battery
	Battery time (when fully charged) (h)	12-16
	Power (W)	300
Facilities Requirements	Weight (Kgs)	93
	Reference Dimension (mm)	463(W) × 553(L) × 1448(H)
Other configurations are optional	MES customization, Barcode printer, Fool-proofing function for rewinding arm, Bar code reading anti-Error function, Direct power supply, Wireless charging, Auxiliary material rod, External cutter device.	



Youngpool Technology Co.,Ltd

<http://www.youngpool.com>

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

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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