

Auto Splicing Machine

BMM08EC



Traditional SMT Splicing

1. In the SMT factories, about 95% are splicing tapes by operators manually.
2. Pick & Place machines speed are much more faster than before, manual splicing will retard the production because of splicing speed and defect...

Operators changing frequently

Splicing wrong tapes

Component offset

Splicing joint irregular

Tape fracture

Operators not skillful

Slow splicing speed

Characteristic

Compatible with system (Optional)

PC installed,
compatible with WIFI
module or MES
system.

Excellent splicing

Precise cam and CCD
cameras assure
accurate splicing.

Easy moving

Equipped with
universal wheels, easy
to move in the line.



Components comparison (Optional)

With barcode scanner,
can prevent wrong
components splicing.

Fast reel

Fast reel with high
speed motors.

Battery

High-capacity Lithium
battery, can support
12~15 hours using
(With optional 2
batteries).

Specification

BMM08EC

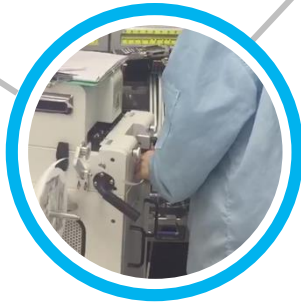
Reel Tape	8mm, Emboss & Paper
Reel Tape Min Thickness	Emboss > 2.8mm , Paper > 1.3mm
Pre-Cut	Manual / Auto(Optional)
Splicing Mode	Auto Cut, Auto Splice
Barcode Scan	Barcode or QR Code
Component Empty Detection	2*CCD Cameras
Accuracy	$\pm 0.2\text{mm}$
Splicing Circle Time (C/T)	6S (Not include loading time)
Pass-Yield	> 98%
Working Hours (Battery)	12-15h
Splicing Tape	Customized Made
System Communication	SFCS or MES
Monitor	Touch Panel
Power supply	48V Lithium Battery
Temp	0~40 °C
Humidity	45%~65%
Operational Height	950mm
Dimension	L400*W470*H1400mm
Weight	65KG



BMM08EC
8mm
Splicing tape



STEP1 : Scan barcode



STEP2 : Pre-cut



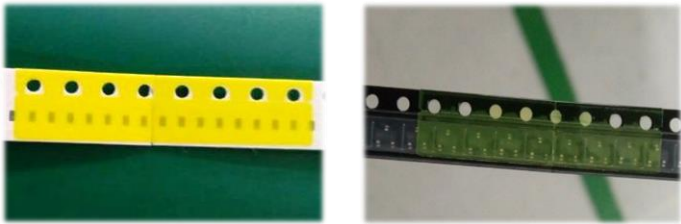
STEP3 : Auto splice



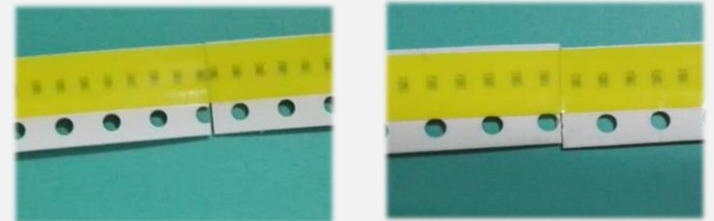
STEP4 : Auto reel

Comparison Between Auto And Manual Splicing

Auto Splicing



Manual Splicing



Reels after
Splicing

Stable and Reliable Splicing

With auto splicing machine, even no experience operators can manage splicing easily!

Comparison Between Auto And Manual Splicing

After Using Auto Splicing Machine

Auto splice pass-yield is high

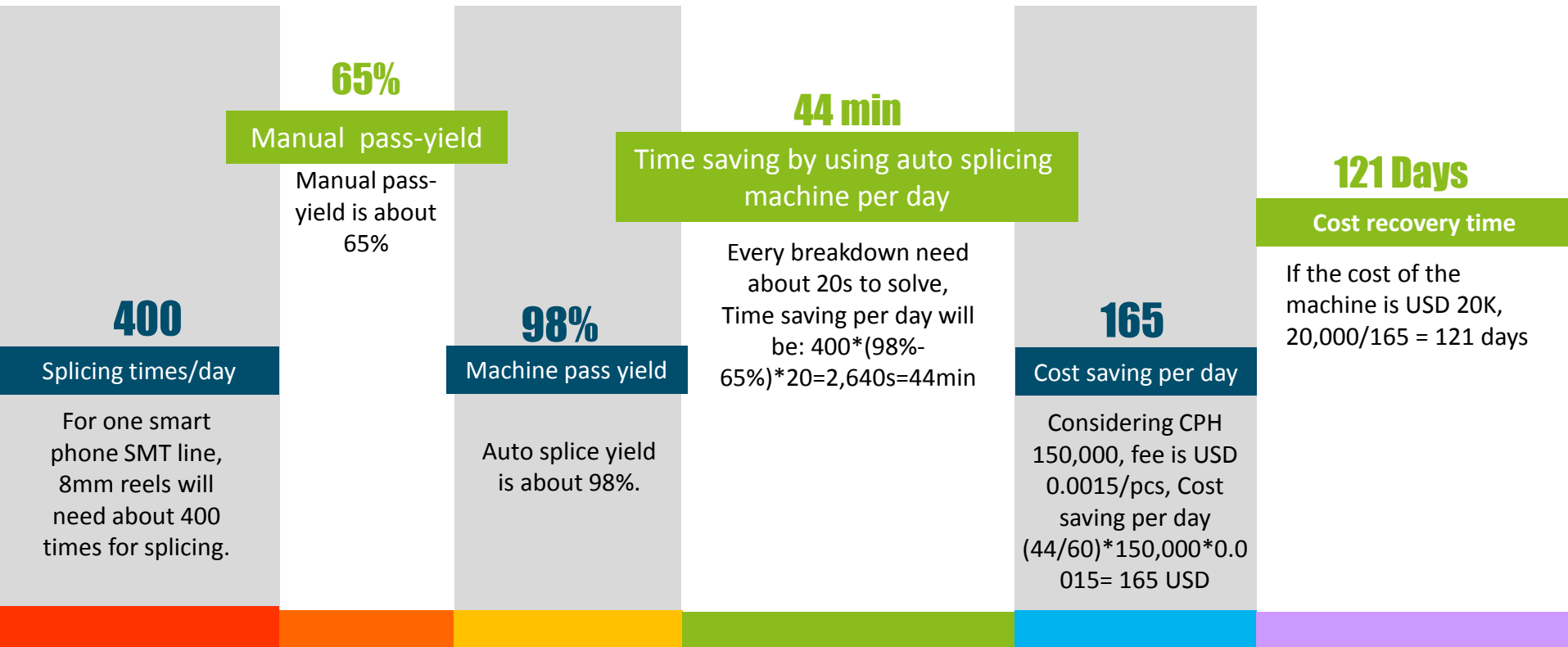
Auto splice yield is about 98%, save huge splicing time and improve production capacity.

Manual splice pass-yield is low

Manual splicing rely on operators' skill.
Skillful operator pass-yield is about 85%, normal one is 65~75%.

Before Using Auto Splicing Machine

Cost recovery time: **121 days!**





Customers

Customers in use



Customers under evaluating

