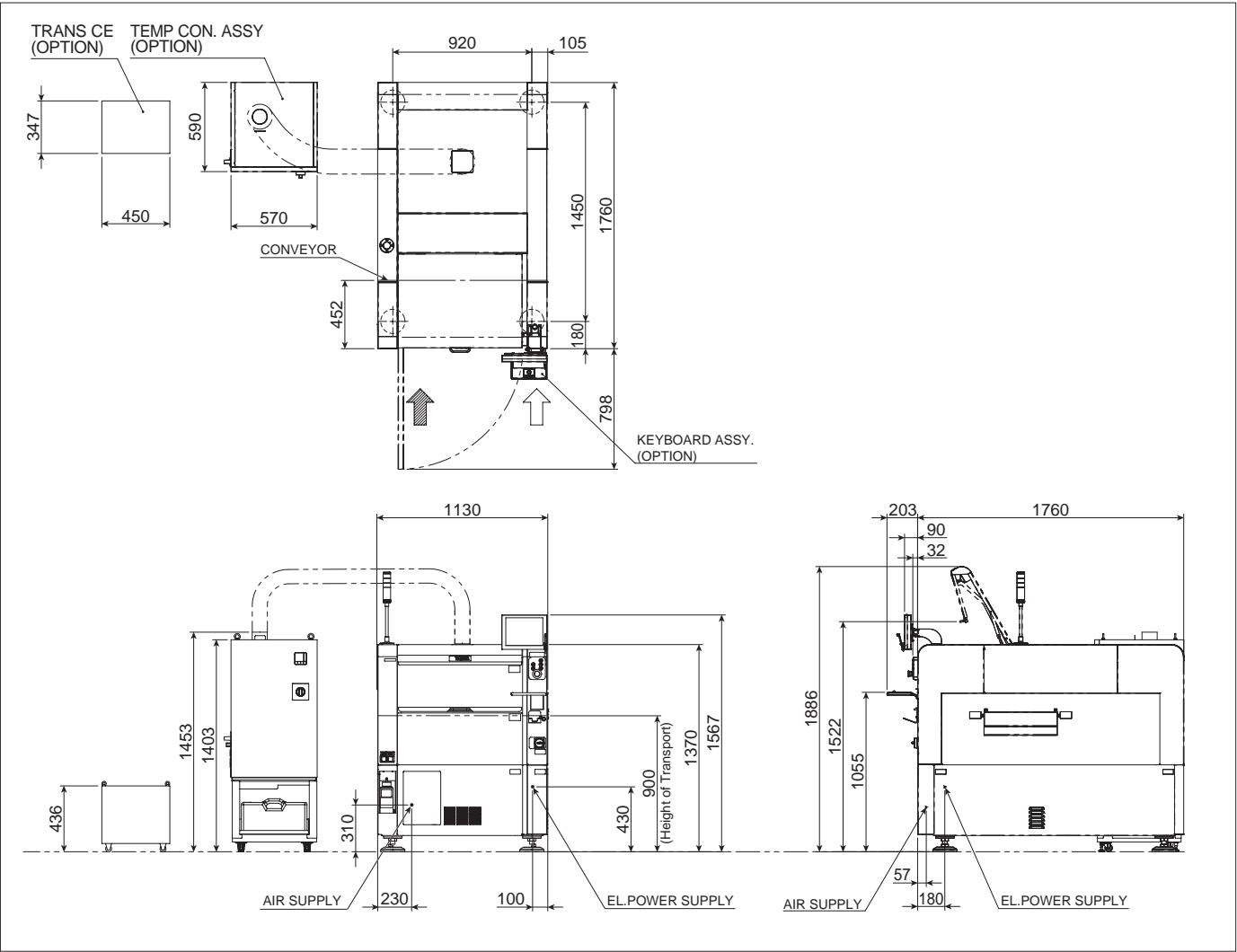


■ YCP10 Specifications * Specifications and appearance are subject to change without prior notice.

Model	YCP10
Applicable PCB	L510 x W460mm to L50 x W50mm
Printing heads	3S head (3S : Swing Single Squeegee) Double squeegee head (option)
Printing accuracy	Positioning repeatability (6σ) : +/- 0.010mm
Cycle time	8sec (Standard printing : under optimum condition, except for printing time)
Applicable stencil size	L750 x W750mm, L736 x W736mm, L750xW650, L650 x W550mm, L600 x W550mm (option), L550 x W650mm (option), L584 x W584mm (option)
Power supply	Single-phase AC 200/208/220/230V +/-20V 50/60Hz
Air supply source	0.45MPa or more, in clean, dry state
External dimension (excluding projections)	L1,130mm x W1,760mm x H1,370mm
Weight	Approx.1,100kg

■ External dimension



SMT Innovation

YCP10

High-Performance Compact Printer



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SMT Innovation

High-Performance Compact Printer

YCP10

Printing quality similar to flagship models, compatible with large PCBs and a wide variety of stencil frames

High-speed printing

8 sec/cycle

Positioning repeatability

(6 σ) : ± 0.010 mm

Handles large PCBs

L510 x W460 mm

Stencils size

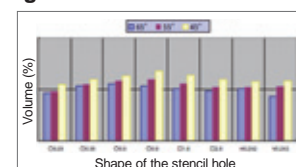
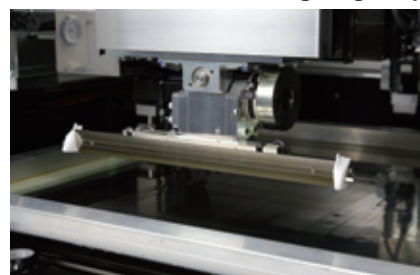
MAX. L750 x W750 mm



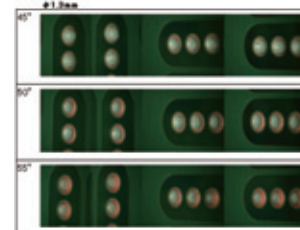
Feature 1 Built-in Features from High-end Machine Models Deliver High Print Accuracy and Quality!

YAMAHA's original 3S head [3S: Swing Single Squeegee]

Program change squeegee attack angle (1 degree units between 45 to 65°) and speed to an ideal setting to provide optimal printing conditions that match the solder being used.



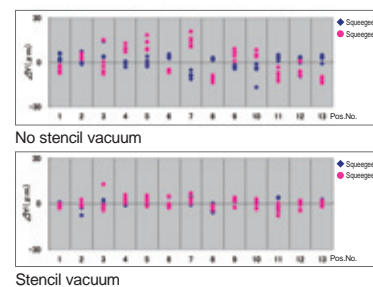
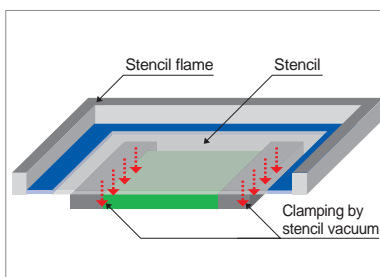
3S head: attack angle and volume



Also solder prints the thru-holes (view from rear side)

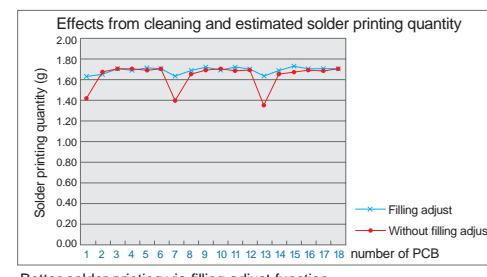
Stencil vacuum

A stencil vacuum mechanism delivers consistent high accuracy printing with no effects from stencil droop. Also drastically cuts the setup time since no offset entry is needed during back and forth printing movement.



Filling adjust

Handy function corrects solder fill amount for the PCBs which have just finished cleanings and in this way cuts down on solder print irregularities.



Better solder printing via filling adjust function

Feature 2 Multiple Functions and Extreme Versatility All Wrapped into 1 compact Unit!

Ideal for large-size boards and extra-wide stencils!

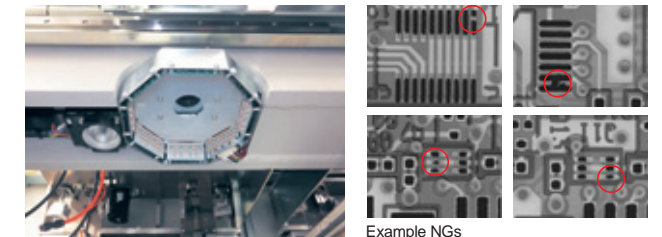
Though housed in a compact body, it handles large PCBs of L510xW460mm as well as a variety of stencil sizes to boost line productivity to the max!

Applicable stencil size

Standard	Option
L750 x W750mm	L600 x W550mm
L736 x W736mm	L550 x W650mm
L750 x W650mm	L584 x W584mm
L650 x W550mm	

Printing inspection function (option)

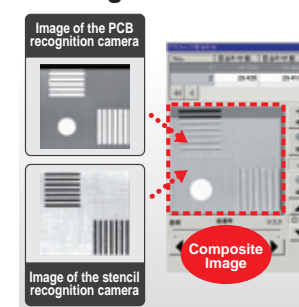
Make full-on print inspections with a dedicated inspection camera offering a wide field of view and excellent resolution.



Example NGs

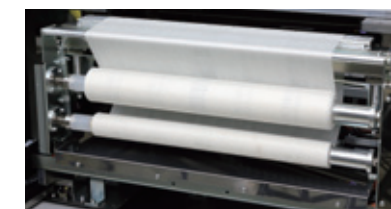
Graphic layer base alignment function

Advanced feature, superimposes 2 images in layers on the monitor, so position alignment can be checked at a glance. Now even a beginner can instantly make fine parameter adjustments for print position alignment.



Auto cleaning system

This system ensures cleaning that matches work conditions after making settings such as cleaning type, speed and suction.



Cleaner fluid bottle

Cleaner fluid is easily replaceable during production from a large capacity bottle mounted on front side of machine. The fluid remaining in the bottle can be easily checked at a glance.

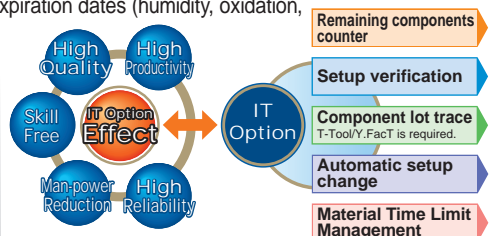
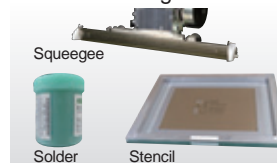


Feature 3 Support for YAMAHA SMT Production Line Network, Delivers Highly Efficient Production.

IT option (Option)

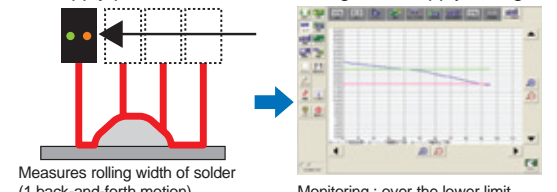
ID monitoring of solder, stencil, and squeegees via barcodes prevents entry setting errors during setups and changeovers by matching PCB data with actual work task. This also lets the operator check solder expiration dates (humidity, oxidation, Guaranteed Time Limit).

ID monitoring of barcodes



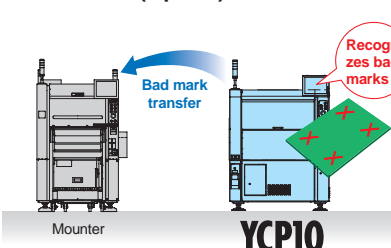
Solder remaining quantity detection function (Option)

Function periodically measures (1 back-and-forth motion) rolling width of solder on stencil. An alarm notifies the operator when resupply is needed to prevent missing resupply periods and eliminate irregular resupply timing.



Bad mark transfer (Option)

Bad mark data recognized by the YCP10 is transferred to the mounter to drastically cut total line loss and boost production



YAMAHA SMT

High durability SMT products with "made-in-Japan" extra-high standards! YAMAHA makes the most of its stance as a "full lineup manufacturer" of mounting equipment including printers, dispensers, surface mounters, inspectors to offer a higher degree of efficiency and quality spanning the entire production line.



Full Range of Options

- Print inspection camera
- PCB vacuum system
- IT option
- Temperature control unit
- Transformer for Temperature control unit
- Double squeegee
- UPS system
- Solder remaining quantity detection
- Bad mark transfer