

# YG100RA/YG100RB

- High-speed mounting capacity handling 24,000CPH (0.15sec/CHIP Equivalent : optimum condition)
- +/-50μm (CHIP), +/-30μm (QFP) mounting absolute accuracy in full time operation.
- Handles a wide range of components from 0402 chips to □45mm components and with long connectors.
- Capable of handling 15mm height components.
- Applicable to longer length PCB (up to L510mm).

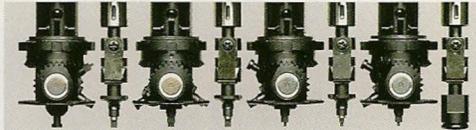
## YG100RA 8 in-line multi-heads FNC type



Index mechanism replaces nozzles during movement. This allows cutting machine idle loss time.



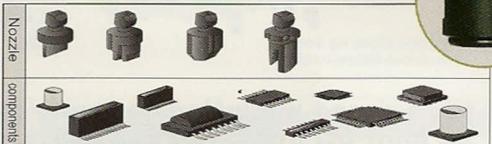
No.	Nozzle type	Examples of components
1	71F	0603 1005
2	72F-79F	1608 to 3216 MTR Cylindrical chip 72F
3	73F-73F-D	4525 to ALC PTR Ta SOP



(FNC : flying nozzle change)

## YG100RB 8 in-line multi-heads SF type

Large diameter nozzle, gripper nozzle or customized nozzles allow high-precision mounting of large fine-pitch QFP and odd-shaped connectors, etc.



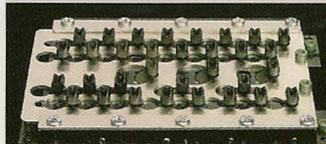
(SF : strengthened fitting)



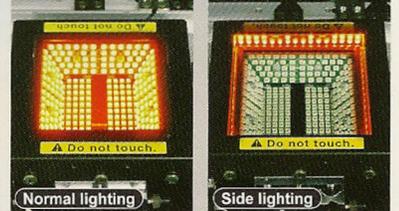
Note : The photo shows the state with various options installed.

### ANC station

Automatically replaces customized nozzles.



### Multi-camera (Equipped with a side light)



## YG100RA/YG100RB specifications (Model : KHW-000)

	YG100RA (FNC type) / YG100RB (SF type)
Applicable PCB	L510 x W440mm to L50 x W50mm <Note 1> <Note 2>
Through-put (Optimum)	24,000CPH (0.15sec/CHIP Equivalent)
Mounting accuracy (Yamaha's standard components)	Absolute accuracy ( $\mu+3\sigma$ ) : +/-0.05mm/CHIP, +/-0.05mm/QFP Repeatability ( $3\sigma$ ) : +/-0.03mm/CHIP, +/-0.03mm/QFP
Applicable components	0402 (Metric base) to □45mm components, SOP/SOJ, QFP, connector, PLCC, CSP/BGA, long connector <Note 3> <Note 4> <Note 5> Height of components which can be mounted : 15mm or less <Note 6>
Number of component types	96 types (Max, 8mm tape reel conversion) <Note 1>
Power supply	3-Phase AC 200/208/220/240/380/400/416V +/-10% 50/60Hz
Air supply source	0.55MPa or more, in clean, dry states
External dimension <Note 7>	L1,650 x W1,562 (End of cover) x H1,470mm (cover top) L1,650 x W1,615 (End of guide for feeder carriage) x H1,470mm (cover top)
Weight	Approx. 1,630kg (Main unit only)

- <Note 1> It is varied by the combination layout together with sATS / wATS / dYTF etc.
- <Note 2> For information on "Longer length PCB spec." and "2 stages push-up spec.", please consult us separately.
- <Note 3> In case of the □31 type multi-camera, the applicable components range is from 0402 to □31mm Components.
- <Note 4> In case of the □45 type multi-camera, the applicable components range is from 0603 to □45mm Components.
- <Note 5> When handling long connectors and large sized components, about the eccentric offset values and the rotation angle, please consult us separately.
- <Note 6> 4mm or less height of upper face of PCB before transport is required for YG100RA.
- <Note 7> This dimension does not include the projection.

## YG100RA/YG100RB/YG88R

