

# YG300



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

- **Ultra-High-speed mounting capacity handling 105,000CPH (0.034sec/CHIP Equivalent : optimum condition)**
- **+/-50 $\mu$  m mounting absolute accuracy in full time operation.**
- **Interchangeability is provided to the feeder, image recognition system, operation interface, carriage, etc. so as to improve module usability.**
- **Higher actual operation efficiency rate is assured by easier maintenance and use of the blow station.**

### 8-in-line multi-heads

The easily accessible head units facing outward contribute to raise the efficiency during maintenance.

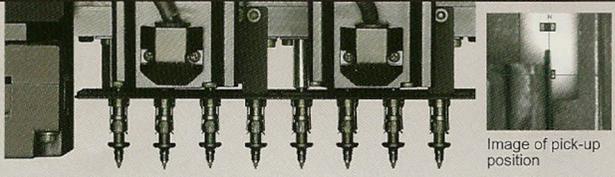
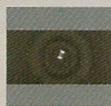


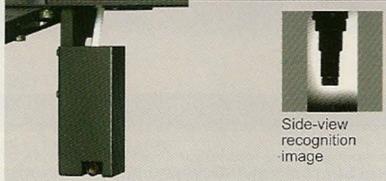
Image of pick-up position

### Multi-camera



Multi-camera recognition image

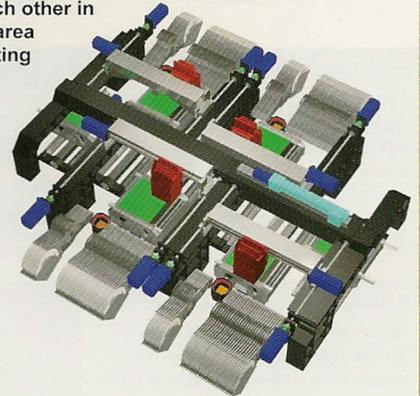
### Side-view camera



Side-view recognition image

### MACHINE STRUCTURE

The layout is horizontal opposed 4-stage type in which 4 independent XY module sets are positioned in the staggered arrangement. 4 independent stages which do not interfere each other in their operation area performs mounting operation under optimum conditions and with the maximum efficiency.



### Blow station

The nozzles are kept in clean conditions for a long time using automatic blow action.



### YG300 specifications (Model : KHN-000)

	YG300
Applicable PCB	L330 x W250mm to L50 x W50mm
Through-put (Optimum)	105,000CPH (0.034sec/CHIP Equivalent)
Mounting accuracy	Absolute accuracy ( $\mu+3\sigma$ ) : +/-0.05mm/CHIP
(Yamaha's standard components)	Repeatability ( $3\sigma$ ) : +/-0.03mm/CHIP
Applicable components	0402 (Metric base) to $\square$ 14mm components <Note 1>
Number of component types	128 types (Max, 8mm tape reel conversion)
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	L2,770 x W2,112 (End of cover) x H1,450mm (cover top)
<Note 2>	L2,770 x W2,218 (End of guide for feeder carriage) x H1,450mm (cover top)
Weight	Approx. 4,400kg

<Note 1> Except ball type electrode components.

<Note 2> This dimension does not include the projection.