

YG200/YG200L

YG200



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

YG200L

Large size PCB spec



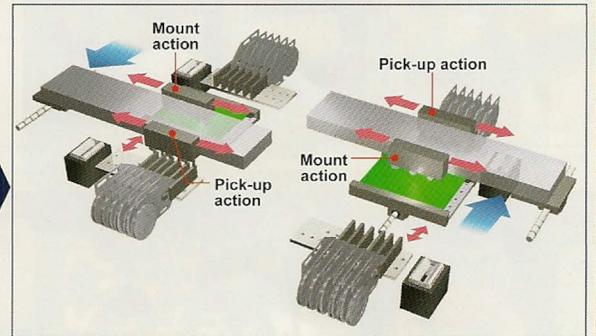
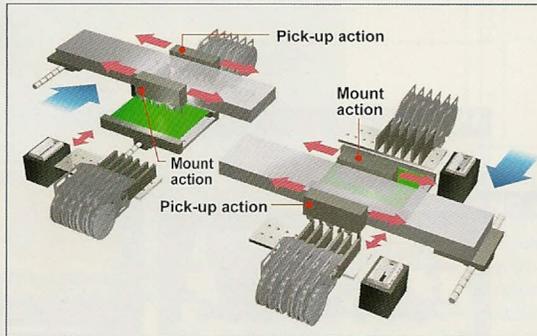
Note : The photo shows the state with various options installed.

- High-speed mounting capacity handling **45,000CPH** (0.08sec/CHIP Equivalent : optimum condition).
- Applicable to Medium size PCB (L330mm x W250mm).
- The system can handle the 20 lanes feeder banks.
- $\pm 50\mu\text{m}$ mounting absolute accuracy in full time operation.

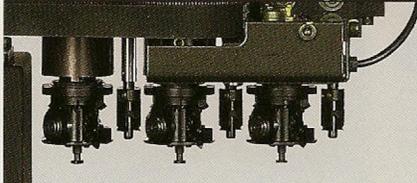
- High-speed mounting capacity handling **41,000CPH** (0.088sec/CHIP Equivalent : optimum condition).
- Applicable to large size PCB (L420mm x W330mm).
- The system can handle the 24 lanes feeder banks.
- $\pm 50\mu\text{m}$ mounting absolute accuracy in full time operation.

Overview of machine operation

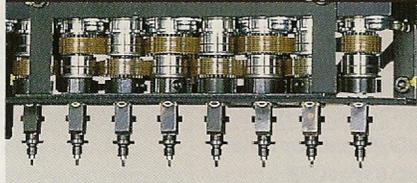
Fitted with 4 rows of 6 in-line multi-heads, in mechanical layout that avoids interference and impact. Layout guarantees easy access for maintenance.



6 in-line multi-heads FNC type



6 in-line multi-heads SF type



Multi-camera



Blow station



YG200 / YG200L specifications

	YG200 (Model : KGT-100)	YG200L (Model : KHM-000)
Applicable PCB	L330 x W250mm to L50 x W50mm	L420 x W330mm to L50 x W50mm
Through-put (Optimum)	45,000CPH (0.08sec/CHIP Equivalent)	41,000CPH (0.088sec/CHIP Equivalent)
Mounting accuracy	Absolute accuracy ($\mu+3\sigma$) : $\pm 0.05\text{mm/CHIP}$	
(Yamaha's standard components)	Repeatability (3σ) : $\pm 0.03\text{mm/CHIP}$	
Applicable components	0402 (Metric base) to $\square 14\text{mm}$ components <Note 1> <Note 2> Height of components which can be mounted : 6.5mm or less Allowable height on PCB surface before transport : 6.5mm or less <Note 3>	
Number of component types	80types (Max, 8mm tape reel conversion)	96types (Max, 8mm tape reel conversion)
Power supply	3-Phase AC 200/208/220/240/380/400/416V $\pm 10\%$ 50/60Hz	
Air supply source	0.55MPa or more, in clean, dry states	
External dimension	L1,950 x W1,408 (End of cover) x H1,450mm (cover top)	L2,330 x W1,723 (End of cover) x H1,450mm (cover top)
<Note 4>	L1,950 x W1,608 (End of guide for feeder carriage) x H1,450mm (cover top)	L2,330 x W1,768 (End of guide for feeder carriage) x H1,450mm (cover top)
Weight	Approx. 2,080kg	Approx. 2,450kg

<Note 1> Except ball type electrode components. <Note 2> A previous arrangement is necessary for mounting 0402chips. <Note 3> 4mm or less height of upper face of PCB before transport is required for the FNC head type. <Note 4> This dimension does not include the projection.