

YS100

- High-speed mounting capacity handling 25,000CPH (0.14sec/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 large size PCB (L510mm x W460mm).
- Built-in tape cutter available as an option.
- Conformity with both Machinery directive and EMC directive (CE marking).



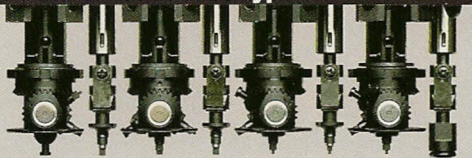
Note : The photo shows the state with various options installed.



SS Feeder

- Electric powered tape feeder controlled by micro-computer.
- Super-thin motors assure speedy and accurate components feeding.
- Micro-computer and memories support intelligence function.
- Usable with various 8mm to 72mm width tape reels.

8 in-line multi-heads FNC type



(FNC : flying nozzle change)

ANC station



Multi-camera (Equipped with a side light)



Normal lighting Side lighting

8 in-line multi-heads SF type



(SF : strengthened fitting)

Side-view camera



Side-view recognition image

■ **YS100 specifications (Model : KJJ-000)**

	YS100
Applicable PCB	L510 x W460mm to L50 x W50mm <Note 1> <Note 2>
Through-put (Optimum)	25,000CPH (0.14sec/CHIP Equivalent)
Mounting accuracy	Absolute accuracy (+3σ) : +/-0.05mm/CHIP, +/-0.05mm/QFP
(Yamaha's standard components)	Repeatability (3σ) : +/-0.03mm/CHIP, +/-0.03mm/QFP
Applicable components	0402 (Metric base) to □45mm components, SOP/SOJ, QFP, connector, PLCC, CSP/BGA, long connector (W45mm or less) <Note 3> <Note 4> Height of components which can be mounted : 15mm or less <Note 5>
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	0.45MPa or more, in clean, dry states
External dimension	L1,665 x W1,562 (End of cover) x H1,445mm (cover top)
<Note 6>	L1,665 x W1,615 (End of guide for feeder carriage) x H1,445mm (cover top)
Weight	Approx. 1,630kg (Main unit only)

<Note 1> It is varied by the combination layout together with sATS / dYTF etc.

<Note 2> For information on "2 stages push-up spec.", please consult us separately.

<Note 3> In case of FNC head type, the applicable components range is □31mm or less Components.

<Note 4> When handling long connectors and large sized components, about the eccentric offset values and the rotation angle, please consult us separately.

<Note 5> 4mm or less height of upper face of PCB before transport is required for the FNC head type.

<Note 6> This dimension does not include the projection.