



YST15 **NEW**

SMT Innovation

Intelligent SMD storage system

Achieved automation of storage and refill management for surface mounter components can now monitor a max. of 1,500 reels and load and unload a max. of 33 reels in one batch.

One machine unit can store a max. of 1,500 reel components
(when using small type)

Loads or unloads 33 reels from stock in one batch
(when using small type)

Centralized management linking a max. of 99 units

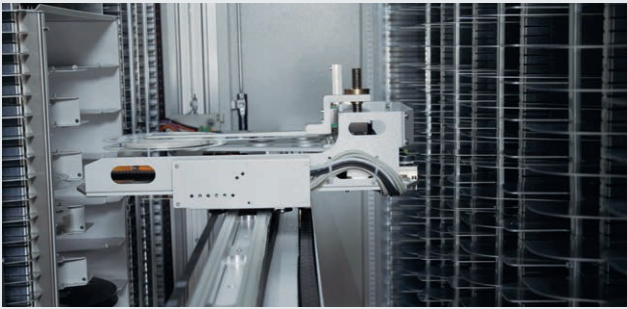
Humidity control function to protect SMD

Vastly boosts efficiency by cutting down on the time and trouble for components supply

FEATURE 1 Smart component and refill functions

One machine unit can store a max. of 1,500 reel components

Stores a max. of 1,500 reels via 7-inch, 8-mm reel conversion. Also supports 15-inch reels and tray components.



Loads or unloads 33 reels from stock in one batch

A max. of 33 reels can be loaded and unloaded from stock in one batch which drastically reduces waiting time and shrinks job time compared to when taking the reel one by one. Reels can be directly handled in their packed state for convenience and speed.

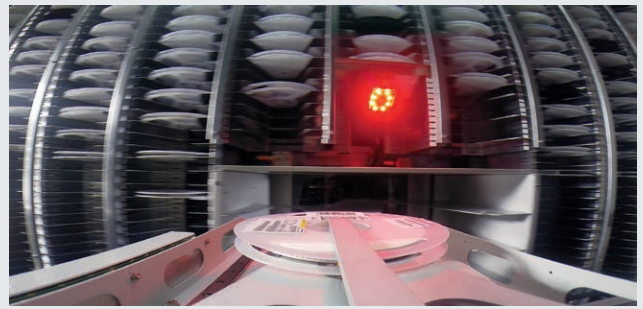


Centralized management linking a max. of 99 units



Also helps prevent human error

Component IDs are automatically scanned during entry and retrieval from stock which prevents human error such as misreading components numbers.



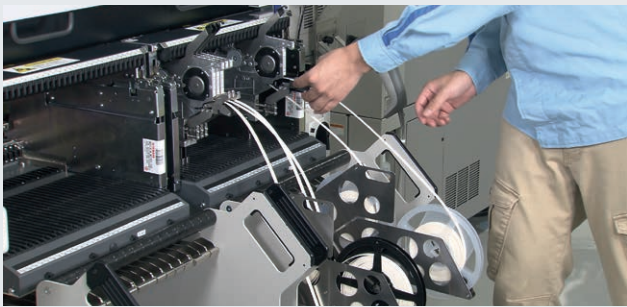
FEATURE 2 Compound effects from diverse functions cut lost work losses

Setup changeover support

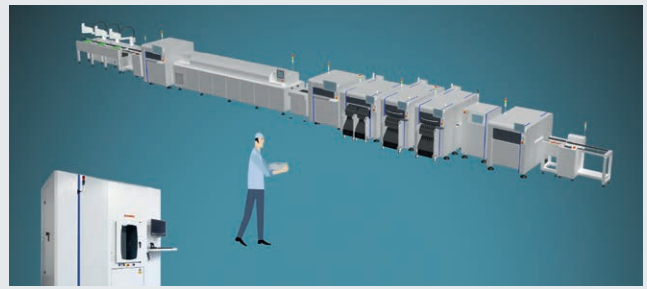
Retrieves parts needed for production from stock in one batch by using mounter setup information (P-tool setup list, required parts list for S-tool). All-around support for small-volume multi-product manufacture also cuts the man-hours needed for component shipping. Also supports optimizing for joint setups and changeovers.

Links to auto loading feeder

Attaching an auto loading feeder capable of presetting the next reel means you can now refill components without having to stop machine operation. Linking the auto loading feeder to the YST15 allows making component refills all in one batch!


Component refill support

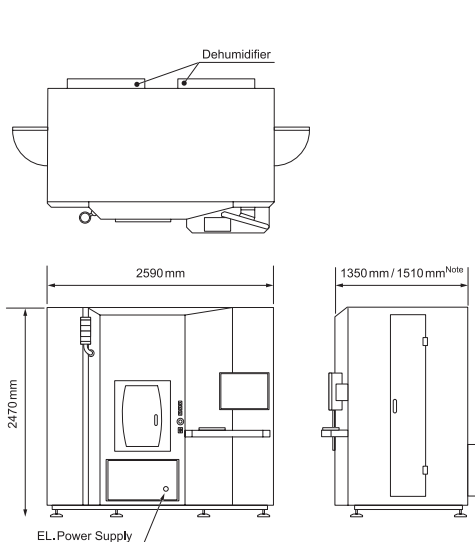
Replacing or refilling components that suddenly get used up on the production line usually requires making multiple round-trips to the stockroom and back, however the YST15 uses joint refill software to retrieve components together in one batch from stock when component refill time approaches during operation linked with the mounter.



YST15 specifications

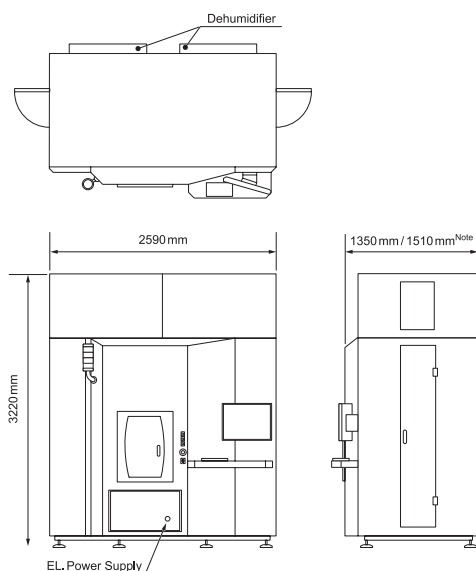
Model		YST15			YST15 wide type	
Type		Small	Standard	Mix	Wide 1	Wide 2
Storage capacity	No options available	7 inches : 1,500 reels	7 inches : 900 reels 13 to 15 inches : 200 reels Total 1,100 reels	7 inches : 635 reels 13 to 15 inches : 265 reels Total 900 reels	13 to 15 inches : 525 reels (tape width 12 to 16 mm)	13 to 15 inches : 400 reels (tape width 24 to 32 mm)
	Extension option	7 inches : 500 reels	7 inches : 500 reels	7 inches : 500 reels or 13 to 15 inches : 165 reels	13 to 15 inches : 165 reels	13 to 15 inches : 121 reels
Max. number of reels entered/ retrieved from stock in one batch		7 inches : 33 reels	7 inches : 16 reels, 13 to 15 inches : 8 reels Total 24 reels	7 inches : 16 reels, 13 to 15 inches : 8 reels Total 24 reels	13 to 15 inches : 8 reels	13 to 15 inches : 8 reels
Maximum conveyable reel weight		1.5 kg				
Maximum tape width		24 mm	32 mm (44 mm and more per factory options)			
Humidity management function		Standard equipment				
Maximum manageable units		Centralized management linking a maximum 99 units Note: Use of separate PC recommended when linking 4 or more units				
Main accessories		Touch panel, 2D label printer, 2D scanner, mounter-linked software				
Power supply		Single-phase AC 200 to AC 230V ± 5 %				
External dimension (excluding projections)	No options available	L 2,590 x W 1,350 x H 2,470 mm			L 2,590 x W 1,510 x H 2,470 mm	
	With extension option	L 2,590 x W 1,350 x H 3,220 mm			L 2,590 x W 1,510 x H 3,220 mm	
Weight		1,100 kg (1,500 kg if extension option is selected)				

YST15 external dimension



Note: 1510 mm: YST15 wide type

YST15 external dimension (with extension option)



Note: 1510 mm: YST15 wide type

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The models shown in the photographs in this catalog may differ slightly from the standard specifications. Specifications and appearance are subject to change without prior notice.