

# Tray Feeding System

## STF 100S

Non-Stop Side Tray Feeder



## STF 100N

Non-Stop Tray Feeder



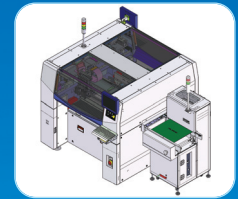
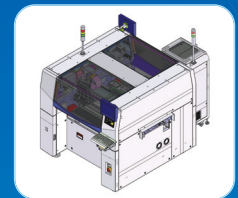
## STF 100E

Economy Tray Feeder



## STF 100D

Non-Stop Dual Tray Feeder



# Tray Feeding System

## STF 100 Series

STF 100S

STF 100N

STF 100D

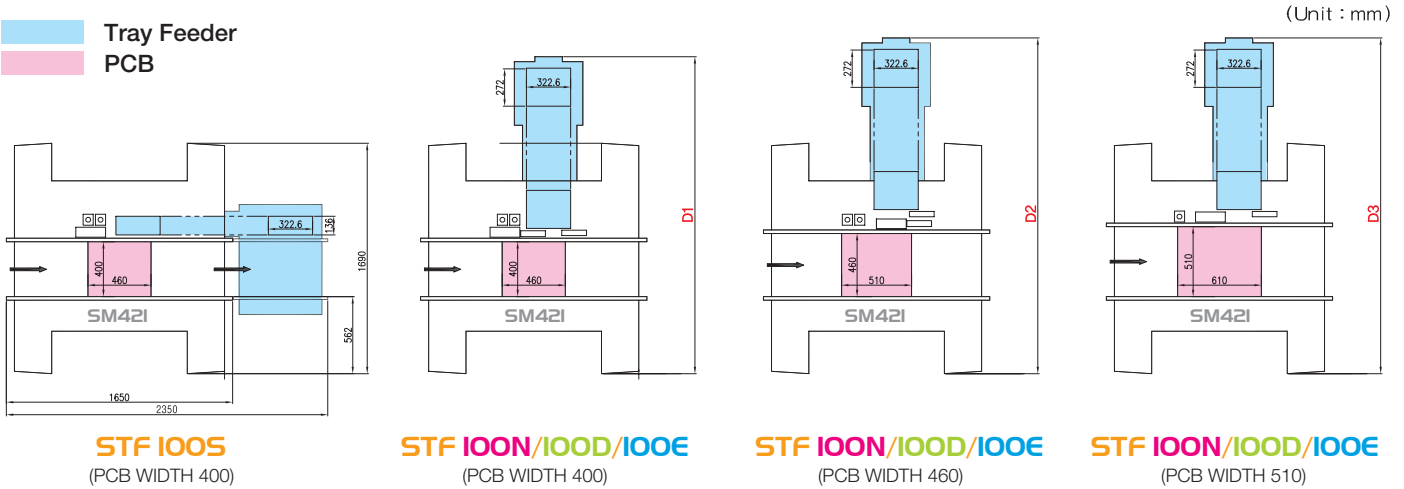
STF 100E

SAMSUNG

# Tray Feeding System

## Dimension

Tray Feeder  
PCB



**STF100S**  
(PCB WIDTH 400)

**STF100N/100D/100E**  
(PCB WIDTH 400)

**STF100N/100D/100E**  
(PCB WIDTH 460)

**STF100N/100D/100E**  
(PCB WIDTH 510)

### <Number of available units>

	STF100N	STF100D	STF100E
D1	2,316	2,358	2,316
D2	2,441	2,483	2,441
D3	2,449	2,491	2,449

	STF100S	STF100N	STF100D	STF100E
Magazines	1	1	2	1
Pallets	20	20	24	20
Tray	Standard	•	20	20
	JEDEC	20	40	48

\*Standard Tray Size → 340(L) x 272(W)

\*PCB Width Larger than > 400 → 1Tray / 1Pallet

## Specification

Model Name	STF100S	STF100N	STF100D	STF100E
Applicable Chip Mounter	SM421, SM321		SM421, SM321, CP45NEO	
Machine Location	Right	Back	Back	Back
Tact Time		3sec		
Tape Feeder Slot Occupation	0 Slot	34Slot		
Feeding Accuracy	±0.2mm@3σ			
Component Range (Max. Height)	H = 9.5mm (H = 25.4mm, if pallet are loaded in every other slot)			
Pallet Slot Pitch	14mm			
Non-Stop Operation	○	○	○	×
Utility	Power	AC100 / 110 / 120 / 200 / 220 / 240V (50/60Hz, 1Phase)		
	Air Consumption	None		
Dimension (mm)	Tray	Min. 200(L) x 100(W) Max. 322.6(L) x 136(W)	Min. 200(L) x 100(W) Max. 340(L) x 272(W)	
	PCB	Min. 50(L) x 40(W) 50(L) x 30(W) (Option) Max. 460(L) x 400(W)	Min. 50(L) x 40(W) 50(L) x 30(W) (Option) Max. 460(L) x 400(W) / 510(L) x 460(W) / 610(L) x 510(W)	
	External	938(L) x 1,552(D) x 1,344(H)	1,307(L) x 500(D) x 1,300(H)	1,350(L) x 503(D) x 1,442(H)
Weight (kg)		about 250		about 220

\*The specifications in this catalogue may be changed without prior notice for quality improvement

**SAMSUNG**

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