

Tray Feeding System

STF 100S

Non-Stop Side Tray Feeder



STF 100N

Non-Stop Tray Feeder



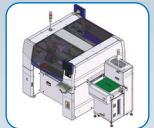
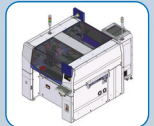
STF 100E

Economy Tray Feeder



STF 100D

Non-Stop Dual Tray Feeder



Tray Feeding System

STF 100 Series

STF 100S

STF 100N

STF 100D

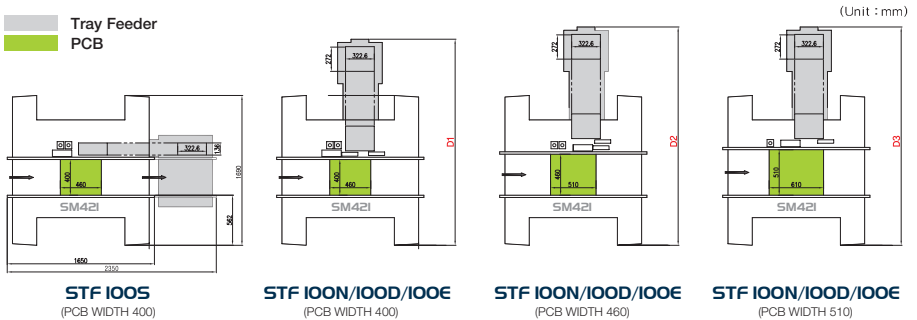
STF 100E

SAMSUNG

Tray Feeding System

Dimension

Tray Feeder
PCB



<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	24	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	SM411F, SM421, SM321		SM411F, SM421, SM321, CP45NEO		
Machine Location	Right	Rear	Rear	Rear	
Tact Time			3sec		
Tape Feeder Slot Occupation	0 Slot		34 Slot		
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	AC 100 / 110 / 120/200 / 220 / 240V 60/60Hz 1Phase			
	Air Consumption	None			
Dimension (mm)	Tray	Min.	200(L) x 100(W)	Min.	200(L) x 100(W)
		Max.	322(6L) x 136(W)	Max.	340(L) x 272(W)
	PCB	Min.	50(L) x 40(W)	Min.	50(L) x 40(W)
		Max.	460(L) x 400(W) (Option) 50(L) x 30(W) (Option)	Max.	460(L) x 400(W) (Option) 50(L) x 30(W) (Option)
External	98(L) x 1.552(D) x 1.344(H)	1,307(L) x 500(D) x 1,300(H) Approx.250	1,350(L) x 503(D) x 1,442(H)	1,307(L) x 500(D) x 1,293(H) Approx.220	

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

SAMSUNG

SAMSUNG TECHWIN CO., LTD.
Intelligent Machinery & Solution Division
SMT Overseas Business Dept.

• **Main Office and Midland Business Office**
145-3 Sangdaewon-1Dong, Jungwon-Gu, Sungnam-Si, Gyeonggi-Do, 462-703
TEL : +82-31-740-8198-9 FAX : +82-31-740-8299

• **Southern Regional Business Office**
2st Factory, 28 Sungju-Dong, Changwon-Si, Gyeongnam, 641-717
TEL : +82-55-260-2955 FAX : +82-55-260-2959

• <http://www.samsung-smc.com>

