

STF Surftape Feeder

for 8, 12 and 16 mm
Surftapes



Easy handling of dies

For handling of dies in a standard-pick & place system the surf tape feeder is a cost-effective solution and easy to handle.

Dies are dispensed with the active side facing up. A push-up tool in the surface feeder lifts up the dies from the sticky tape rails for transfer to the pick head of the assembly placement machine.

The surf tape feeder requires space of only 30 mm in the pick & place system. It is especially beneficial when many different dies have to be applied on a PC Board.



Surftape Feeder with Panasonic Interface

Specifications of the Surf Tape Feeder STF	
Compatible with pick and place systems	Sip lace (X series with ASM adaptor) and Panasonic NPM, further systems on request
Tape widths:	8 / 12 / 16mm surftape
Recommended tape sizes / component:	8 mm surftape: BE 1 x 1 mm - 2,3 x 2,3 mm, 12 mm surftape: BE 2,3 x 2,3 mm - 5 x 5 mm, 16 mm surftape: BE 3,8 x 3,8 mm - 9,5 x 9,5 mm
Placement accuracy of the bare dies on the surf tape:	Bare DIE size up to 2,3 x 2,3 mm: +/- 100 µm, 6 ó Bare DIE size more than 2,3 x 2,3 mm: +/- 200 µm, 6 ó (in relation to the center of the pocket)
Required distance of corners bare die – tape pocket:	Minimum 0,4 mm
Poke up needle:	Single or triple needle, depending on size of die
Tape material:	Surftape metrisch
Tape standard:	IEC 286-3, DIN-IEC-286, EIA 481 und JIS C 0806
Reel diameter:	7" up to 15"
Required feeder space for SST	1 track on the component table