

# Scanditron stick feeders for FUJI NXT/AIMEX series



Now you can pick and place stick components quickly and precisely in your FUJI NXT or AIMEX SMD Mounter with Scanditron's newly developed vibratory stick feeders

## Component rails

The component rails are attached magnetically in aluminium rails on top of the feeder. The horizontal construction means that there is no difference in feed depending on number of components in rail.

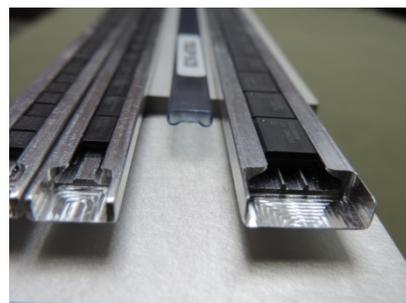
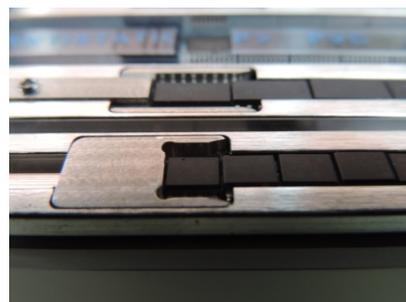
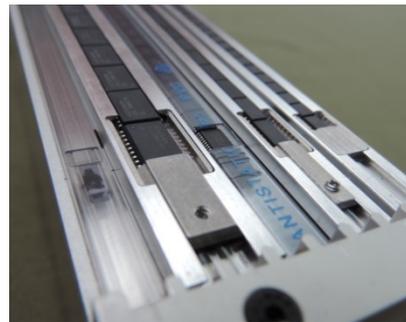
Magnetic attachment of the component rails enables vibration to be transferred to components along the entire length of the rail.

## Result - Smooth, steady and reliable feed of stick components!

Rails are made of aluminum or ESD plastic and have a 4mm pin in front for aligning on feeder.

Suitable for several types of SO and PLCC components such as SO8, SO24W, PLCC44, PLCC84, etc.

Milled to suit common component types, some for specific type (i.e. SO8) and others for combination types (i.e. SO16W/SO20W/SO24W)

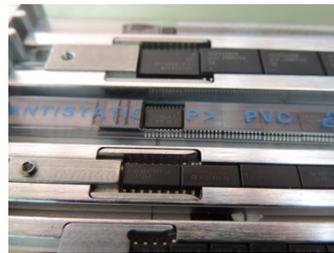


Rails are available 4 different sizes:

- **SMALL:** max width 11 mm – 5 pcs on the feeder - type MSOP, SO, SSOP, TSSOP, QFN3 ,4, 5
- **MEDIUM:** max width 17 mm – 3 pcs on the feeder - type SOxxW
- **LARGE:** max width 23 mm – 2 pcs on the feeder - type PLCC44, 52
- **X-LARGE:** max width 59 mm – 1 pce on the feeder - type PLCC84

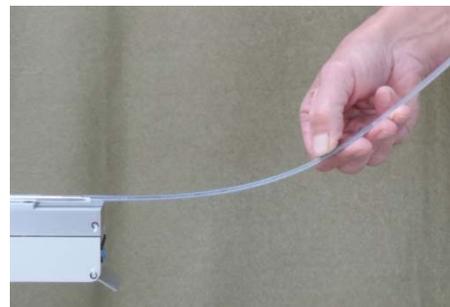
It is recommended not to mix too different sizes, as suitable vibration adjustment becomes difficult. The below types are available now and more types will become available in the future.

Aluminium rails	Plastic rails
SO16W/20W/24W	PLCC44
SO8	PLCC52
SO14/16	PLCC68
SSOP20/24/28 5.3mm	PLCC84
TSSOP16/20	MSOP8



### Filling and emptying components

Components can be easily filled from the stick to the rail outside the SMD mounter. Likewise the rail can be easily emptied. Aluminum sticks have a milling in rear end for stick. For plastic rails an aluminum U-profile can be used.



It is also possible to fill and refill the feeder when it is in place in the SMD mounter.