

europ<sup>l</sup>acer  
HIGH MIX  
PRODUCTIVITY

# Feeders



Solutions for  
Component Loading



# Tape Components

## ii-Feed / ii-Cart Intelligent System

The ii-Cart system can hold up to 33 x 8mm ii-Feed elements.

Each ii-Feed has on-board electronics that provide the same intelligence as the other feeders in the Europlacer line.

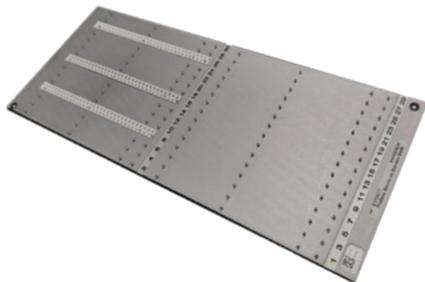
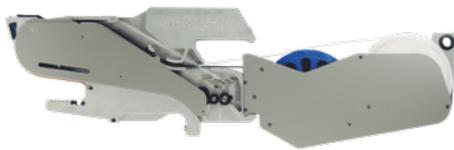
There is a wide range of ii-Feed elements for all reel components from 01005 up to 7mm thick with a strip width of 8mm to 24mm, each element can be placed anywhere on the ii-Cart.

The baskets allow for off-line reel preparation and can hold up to 11 SKUs.



## NT Tape Feeder

NT tape feeders are available in dual 4mm and 8mm versions and single feeders for tape widths between 12mm and 104mm. It can manage components down to 03015m.



## Short Tape Tray

The tray is ideal for the remaining tape ends (8, 12, 16 and 24mm) that are cumbersome to put on a conventional tape feeder. The tapes are arranged on the plate which can then be mounted on a matrix tray, internally or externally.

# Stick Components

## Belt/Stick Feeder

Used for components in sticks, a belt feeder accommodates SO, SO medium, SO large and TSSOP profile components. The base unit provides 8 stick positions and gives feed rates close to that achieved by tape feeders.



# Tray Components

## Matrix Tray Holder

A variety of different matrix tray holders can be fitted as standard inside the machine, with no impact on standard PCB dimensions or tape feeder capacity. Capable of accepting up to 10 standard Jedec trays, the holders provide significant capacity for the presentation of QFPs, BGAs, connectors, heatsinks and any other non-taped devices.



## External Matrix Tray Support

The matrix trays can also be installed outside the machine with the external support.



## Auto Tray Holder

Often called a sequencer, the auto tray loader stores up to 30 trays vertically. Each matrix tray is indexed to the pick-up point as required. Auto tray loaders are simply wheeled into position in the same way as a tape or feeder trolley. Sequencers can be programmed online or offline.



# Loose Components

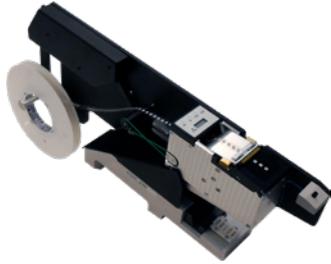
## Freeform Feeder

The Freeform Feeder is a tray for unpackaged, loose components - more convenient than using tape ends.

Positioned either on an external area of the machine or internally on a tray, our advanced component recognition algorithm will identify components regardless of their angle, position, polarity or direction and place them perfectly.



# Special Feeders



## Label Feeder

This programmable feeder is capable of dispensing 1D and 2D labels up to 55mm x 55mm. In order to improve traceability, the process is done intelligently by scanning and recording the information needed for the traceability option.



## Solder Ball Feeder

This feeder is a lower cost solution for solder ball assembly, it allows easy assembly of solder balls during a conventional placement process.



## Fluxer

The rotary fluxer is integrated on the machine like any other feeder. It can be easily configured to provide the correct amount of flux for the application. Flux deposit management is an essential part of the PoP (package on package) process.

Other specific feeders available upon request.



## Feeder Trolley

### Single, tall component & mixed versions

The feeder trolley comes in three variations: a standard version, a tall component version, and a mixed version that includes both normal tapes and tall component tapes.

As part of our policy of continuous development, specifications are subject to change without notice.

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