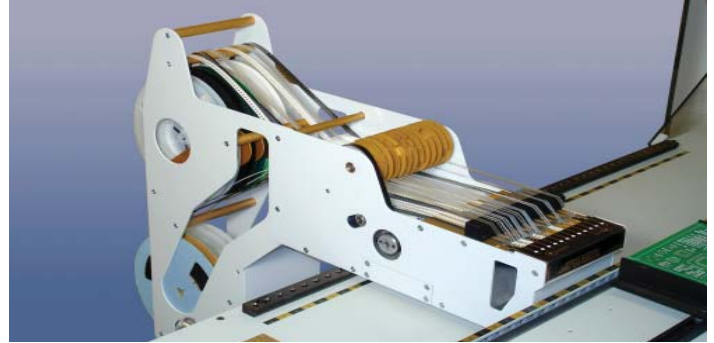


Increase the efficiency of your Automated Pick and Place Machine with SMTrue™ Smart Feeders

Providing Economic Solutions for:

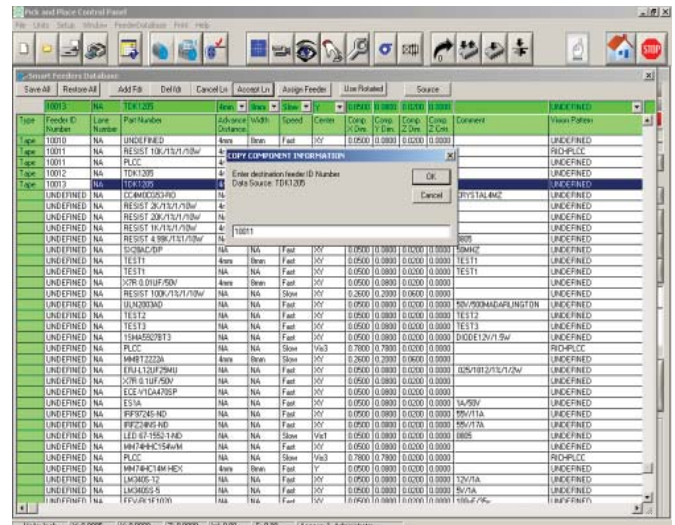
- Prototyping
- Product Development
- Short Run, High-Mix
- Manufacturing Applications



- Ensure the right component is placed in the right board location everytime
- Accurately manage and track component inventory through Smart Feeder database
- Faster job setup and changeover with easy feeder plug-in and recognition
- SMTrue Smart Feeders available in all feeder types including tape, bank, vibratory, matrix, and cut-tape feeders

Product Features

- Flexibility with SMTrue™ Smart Feeders available in every feeder type - tape, bank, vibratory, matrix, and cut-tape feeders
- Tape feeders available in both bank and individual configurations
- Smart Feeder Control assigns Unique Feeder ID for each feeder
- Manage Feeder information through the Smart Feeder Database
- Link Feeder hardware to all the important component information including feeder address, position, component dimensions, count and even tape index and vibratory control.
- Control frequency and amplitude via the Smart Feeder Software or through the Smart Feeder
- Recognize the presence or absence of a feeder



SMTrue™ Smart Feeder Database

PRODUCT SPECIFICATIONS:

Specification	ETF LTSXXmm Feeder	BankFeeder LBFS
Typical Component	0201, PLCC20	0201, PLCC20
Tape Width	8, 12, 16, 24, 32, 44mm	8mm
Tape Width max.	+0.3mm	+0.3mm
Tape Thickness max.	1.1mm	1.1mm
Tape Material	Plastic, Paper, Metal	Plastic, Paper, Metal
Tape/Feeder Index	2mm through 40mm	2mm through 4mm
Reel Size	up to 331mm	up to 331mm

Mix ETF and Bank Feeders for the greatest flexibility.

The LTS-XXmm Feeder offers one of the slimmest feeder profiles, enabling maximum feeder capacity.

Gain additional capacity of up to 144 8mm addresses with the LBFS Bank Feeder versus 96 addresses with the LTSX-Xmm Feeder.

Both the LTS-Xmm and LBFS Feeders are DC motor actuated for smooth, consistent, and dependable indexing of all your taped components.

Specification	Vibratory Feeder LVFS
Typical Component	0603, SOIC, PLCC, Connectors
Tube Width	up to 100mm
Tube Capacity	up to 13 SOIC8 (max. width up to 111mm)
Max. Component Length	50mm
Tube Material	Plastic
Activation Feed	0.1 sec to 7.0 sec
Amplitude Range	0 to 100% (max. 1A)
Frequency Range	0 Hz to 120 Hz

Specification	Bank SuperStrip Feeder
Typical Component	0201, PLCC20
Tape Width	8mm
Tape Width max.	+0.3mm
Number of Cut tape per Bank	15
Tape Thickness max.	1.1mm
Tape Material	Plastic, paper, metal



SMTrue™ Smart Feeders provide...

- unique ID for each Feeder, managed through a Smart Feeder Database
- ability to recognize the presence or absence of a feeder
- a check list of what is programmed on each Feeder
- notification when a specific component count is low or run out of components
- reliability, performance, error free programming
- ability to replenish components and continue assembly without effecting throughput