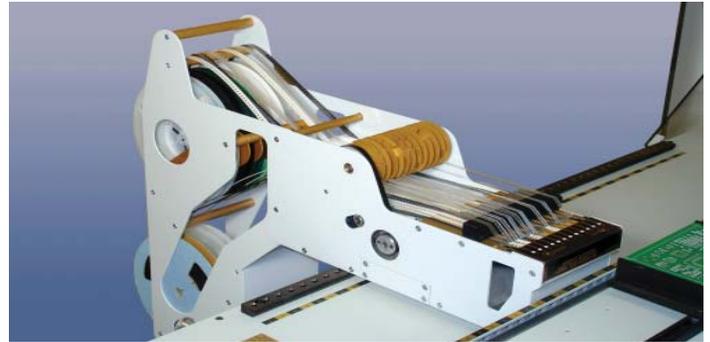


SMTrue™ Smart Feeders available on 'SMART System' Automated Pick and Place Machines - Option for Models LE40V, LS40V, and LS60V.

Providing Economic Solutions for:

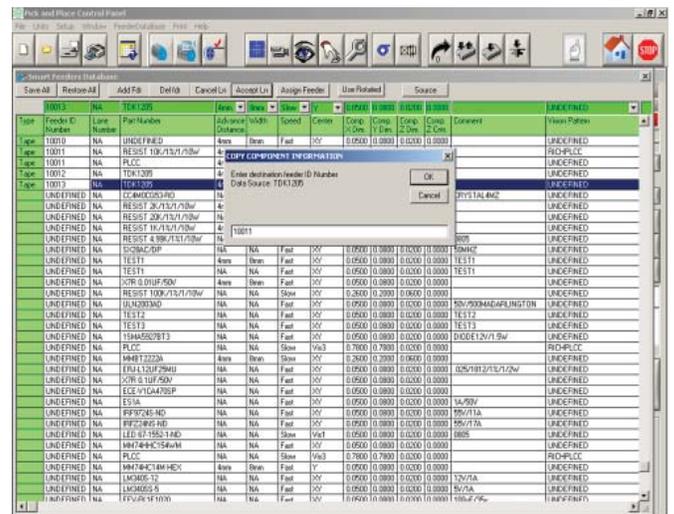
- Prototyping
- Product Development
- Short Run, High-Mix
- Manufacturing Applications



- 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



Feeder ID	Line	Part Number	Advanced Wash	Speed	Center	Comp. 1	Comp. 2	Comp. 3	Comp. 4	Component	Visual Pattern
1000	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1001	NA	RESIST 10K/1/31/70W	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	RES-PLCC	
1002	NA	PLCC	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1003	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1004	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1005	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1006	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1007	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1008	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1009	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1010	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1011	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1012	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1013	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1014	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1015	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1016	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1017	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1018	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1019	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1020	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1021	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1022	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1023	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1024	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1025	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1026	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1027	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1028	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1029	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1030	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1031	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1032	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1033	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1034	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1035	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1036	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1037	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1038	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1039	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1040	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1041	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1042	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1043	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1044	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1045	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1046	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1047	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1048	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1049	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	
1050	NA	TK41305	NA	NA	Y	0.0000	0.0000	0.0000	0.0000	UNDEFINED	

PRODUCT SPECIFICATIONS:

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

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



Options

L-CL.....Cyberoptics® Centering Laser
 L-LD.....Liquid Dispenser
 L-TS.....Touch Screen with Enhanced Operator Interface

Feeder Options (For Custom "Smart System Machines" only)

L-SVF.....Smart Vibratory Tube/Bulk Feeder
 L-ST (smart tape feeders).....8, 12, 16, 24, 32, & 44mm
 L-SBF-12 (smart bank feeders).....12 lane bank feeder for 8mm tape



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