FUJI innovative spirit

Conveyor Unit

- **STC-5060A-F**
  （NXT II, NXT dependent type）
- **STC-5060A-F**
  （Independent type）

  Conveyors that can be used to convey panels for existing lines

  Shuttle Conveyor

- **MC3DA**
  （M3 double conveyor module）
- **MC6DA**
  （M6 double conveyor module）
- **MC6SA**
  （MC6SA (M6 single conveyor module)）

  Conveyors that are set on bases for independent panel conveyance

  Module Conveyor

External Changeover and Maintenance

- **Feeder Pallet**

- **PCU**
  A dedicated device used to change feeder pallets

- **PSU**
  Unit for storing feeder pallets

- **MFU**

- **MCU**
  Unit for changing modules

- **MSU**
  Unit for storing spare modules

- **Tray unit-M Change Unit**

- **Reel Setting Stand**

- **Feeder Stand**

NXT II Series, AIMEX II Series Optional Units

NXT II
Fuji Scalable Placement Platform

NXT IIc
Fuji Scalable Placement Platform

AIMEX II

AIMEX IIs

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- The information in this catalog is current as of April, 2013.

● **Compatible with all machine types**
● **Dedicated unit for each machine type**

Tape Feeders

●FUJI Intelligent Feeders

- Automatic ID recognition function
- Supports the Fujitrax Verifier system as standard
- Can be removed or inserted during production
- Motor driven smooth component supply
- Variable feeding pitch
- No component loss during reel changeover
- Tape splicing supported
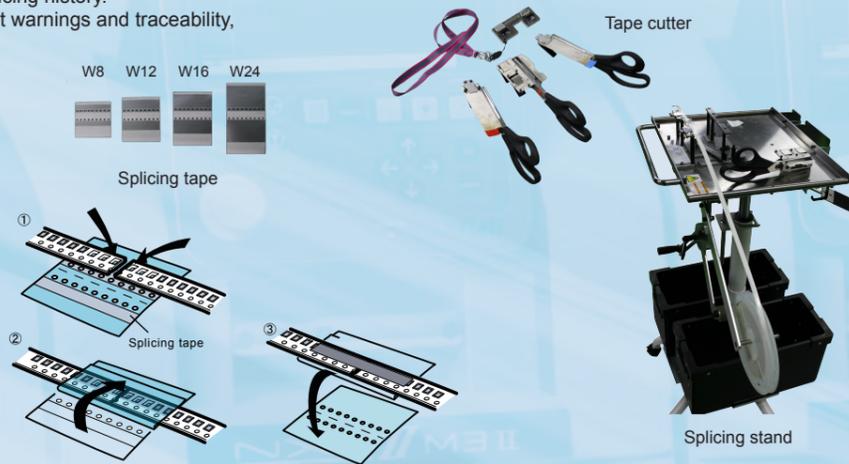- Batch changeover of feeders using a PCU

Tape width	Type	Tape splicing supported
4 mm	W04b	Yes
8 mm	W08c	Yes
12 mm	W12c	Yes
16 mm	W16c	Yes
24 mm	W24c	Yes
32 mm	W32c	Yes
44 mm	W44c	Yes
56 mm	W56c	Yes
72 mm	W72	Yes with conditions*
88 mm	W88	Yes with conditions*
104 mm	W104	No

* Special support

W08c

W104

●Splicing

Use with Fujitrax to accurately manage the splicing history.
Splicing tools to boost the reliability of parts out warnings and traceability, and support precise splicing.

Easy to perform splicing
Connect with special tape only, there is no need for crimp fittings.

W8   W12   W16   W24

Splicing tape

Tape cutter

① ② ③

Splicing tape

Splicing stand

Fuji Intelligent Feeder Inspection Jig

This inspection jig is used to optimally adjust the condition of feeders for stable part supply and high precision placement.

Note: The photograph includes optional items.

Trays

● Tray unit-LT

Changeover can be performed at the Tray unit-LT without stopping the machine during production.
Also, it is possible to set up to seven feeders in addition to trays.

Tray Size (L x W) :
 114 x 144 to 276 x 330 mm
Maximum part type capacity
Single : 48

Feeders : 7 slots

● Tray unit-LTC

This unit follows the concept of the Tray unit-LT and it is possible to set a dip flux unit on this tray unit.

Tray Size (L x W) :
 114 x 144 to 143 x 330 mm
Maximum part type capacity
Single : 24

Feeders : 19 slots

● Tray unit-LTW

It is possible to load up to 48 types of tray parts and 27 (8 mm wide) tape feeders. It is possible to perform non-stop tray parts supply using the twin magazine configuration.

Tray Size (L x W) :
 114 x 144 to 276 x 330 mm
Maximum part type capacity
Single : 48

Feeders : 27 slots

● Tray unit-M

The Tray unit-M is set on a feeder pallet.

Tray Size (L x W)
Without tray drawer :
135.9 x 115.5 to 135.9 x 322.6 mm
With tray drawer : 50 x 50 to 102 x 204 mm
Maximum part type capacity
Without tray drawer : 10
With tray drawer : 10

Tray Feeder

● Tray Feeder-L
● Tray Feeder-M

Support for 2, 3, 4-inch and JEDEC specification trays is possible by simply replacing the adapter.

・Tray Feeder-L
Standard type of part loaded : 1(JEDEC specification)

・Tray Feeder-M
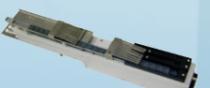Standard type of part loaded : 6 (2-inch trays)

Stick Feeders

● Single Stick Feeders

The single stick feeder uses four types of chutes, Type 1S, Type 1L, Type 2S and Type 2L to supply parts such as SOIC or PLCC parts.
The type of chute to use depends on the type of part being supplied.

● Vibratory Stick Feeders

There are 14 types of top plates that can be used in combination with this feeder. A maximum of 5 part sticks can be loaded onto one Vibratory Stick Feeder.
(Occupies five slots on a feeder pallet)

DFU (Dip Flux Unit)

● Rotary type Dip Flux Unit
● Bridge type Dip Flux Unit

This unit is used to transfer flux to parts during placement such as parts with ball elements.
The flux is automatically supplied by the dip flux unit.

Reject Parts Conveyor

● Reject Parts Conveyor L
● Reject Parts Conveyor M

Supported part size
L：74 x 180 x 25.4 mm
(occupies 7 slot on a feeder pallet)
M：45 x 180 x 13 mm
(occupies 5 slots on a feeder pallet)

GCU (Glue Check Unit)

● GCU

Trial glue dot unit to measure glue dot diameters.

Unit Compatibility Table

Machine \ Unit	Tray unit				Tray Feeder		DFU		GCU	Feeder pallet	PCU *2	PSU *2	MFU *2	MCU *2	MSU *2	Module Conveyor
	LT	LTC	LTW	M	L	M	Rotary type	Bridge type								
NXT II	●	●		●*1	●*1	●	●	●	●	●	●	●		●	●	●
NXT IIc	●	●		●*1	●*1	●	●	●	●	●	●	●		●	●	
AIMEX II	●	●		●	●	●					●	●	●			
AIMEX IIS			●	●	●	●							●			

*1 M6 modules only
*2 Dedicated units are used for each machine type