PRODUCT CATALOGUE 2026

Component Forming

Cutting, bending and forming machines for axial and radial components, power transistors, jumper wires and ICs: from compact manual cutters to fully automatic PLC-controlled formers.



INTRODUCTION

Lead cutting, bending and forming for THT assembly

INTEON lead preparation machines cut, bend and form the leads of THT components before insertion, for loose (bulk) and taped parts. The range covers resistor and diode formers, radial capacitor and LED cutters and formers, power transistor formers fed from bowls or tubes, jumper wire machines and an IC former. Forming tools are made of Japanese steel and can be made to the customer's shape.

Warranty

3 years

3-year warranty on INTEON machines, through InterElectronic in Europe.

Custom tooling

Moulds and forming tools made to the customer's component and lead shape.

Japanese steel

Blades and moulds of Japanese tool steel (DC53, HRC 60–62) for a long service life.

Support in Europe

Sales, installation, training and service in Europe through InterElectronic, the INTEON distributor.

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AXIAL COMPONENTS

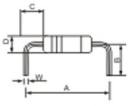
Resistor Cutter Bender

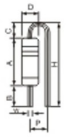
FL-606U · FL-606F

5000 pcs/h | **U and F type**

Cuts and bends bulk and taped resistors, diodes and other axial components in one step. U type and F type, both with or without a vibrating bowl feeder (FL-606 with feeder, FL-606A without).







FEATURES

- One-step cutting and bending
- Adjustable lead length and span
- Japanese steel blades, long life, simple maintenance
- U type and F type forms
- With or without vibrating bowl feeder

SPECIFICATIONS

Model	FL-606U	FL-606F
Speed	5000 pcs/h	
Size (L×W×H)	820×480×740 mm	
Weight	60 kg	
Power	180 W	
Power supply	110 / 220 V AC, 60 / 50 Hz	
FORMING DIMENSIONS (MM, SEE DRAWING)		
A	6–40	4–18
B	3.6–15	2–20
C	1.2 min.	2.5 min.
D	1.5–8	1.5–8
W (lead diameter)	0.35–1	0.35–1
H	–	25 min.
P	–	3–13.5
R	–	1

AXIAL COMPONENTS

Resistor Cutter Bender Former, horizontal

FL-608(U)

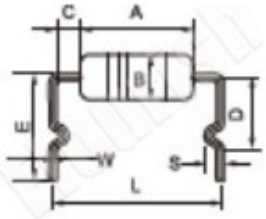
6600 pcs/h | **Horizontal forming**

Horizontal forming (K shape or flat) and lead cutting of taped and bulk resistors, diodes and other axial components. Precision indexing, cutting and forming in one pass. Variants: FL-608-MA/CA for bulk, FL-608-MB/CB for taped, FL-608 for both.



FEATURES

- Horizontal K or flat forming with lead cutting
- Precision indexer, one-pass processing
- Bulk, taped or both (variants)
- Moulds made to any customer shape





SPECIFICATIONS · FL-608(U)

Speed	6600 pcs/h	**Size (L×W×H)**	1050×550×650 mm
Weight	100 kg	**Power**	250 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²
Dim. A	3.8–20	**Dim. B**	2.3–8
Dim. C	1.2 min.	**Dim. D**	3–12 (fixed value)
Dim. E	adjustable	**Dim. S**	2–3
Dim. L	A + 2C	**Dim. W (lead diameter)**	Ø0.4–Ø1.3

AXIAL COMPONENTS

Resistor Cutter Bender Former, vertical

FL-609(F)

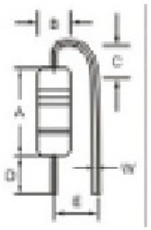
110 pcs/min | **Vertical forming**

Vertical forming (K shape or flat) and lead cutting of taped and bulk resistors, diodes and other axial components. Variants: FL-609-FA for bulk, FL-609-FB for taped, FL-609 for both.



FEATURES

- Vertical K or flat forming with lead cutting
- Precision indexer, one-pass processing
- Bulk, taped or both (variants)
- Moulds made to any customer shape





SPECIFICATIONS · FL-609(F)

Capacity	110 pcs/min	**Size (L×W×H)**	1050×550×650 mm
Weight	100 kg	**Power**	250 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Dim. A**	3.8–20
Dim. B	2.3–8	**Dim. C**	1.2 min.
Dim. D	adjustable	**Dim. E**	adjustable
Dim. W (lead diameter)	Ø0.4–Ø1.3		

RADIAL COMPONENTS

Capacitor Cutter, loose

FL-803

18 000 pcs/h | **Loose radial parts**

Lead cutting of loose radial components with a flat vibrating feeder, for large and small parts. Cutter and feeder can work together or separately. Automatic feeding for electrolytic capacitors (Ø3–10 mm, height up to 16 mm), LEDs (Ø3–8 mm), transistors and some ceramic capacitors; feeders for special shapes on request.









FEATURES

- Flat vibrating feeder
- Japanese steel blade, simple adjustment
- Cutter and feeder usable separately
- Supplied with cutter, feeder and support trolley

SPECIFICATIONS · FL-803

Speed	18 000 pcs/h	**Capacity**	300–500 pcs/min
Size (L×W×H)	840×560×960 mm	**Weight**	105 kg
Power	250 W	**Power supply**	110 / 220 V AC, 60 / 50 Hz
Dim. A	3–8	**Dim. H (lead length)**	0.6–20
Dim. W (lead diameter)	0.4–1		

RADIAL COMPONENTS

Capacitor Cutter, taped

FL-806

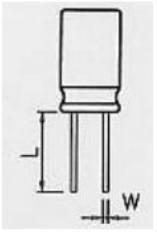
Taped radial parts | **25 W**

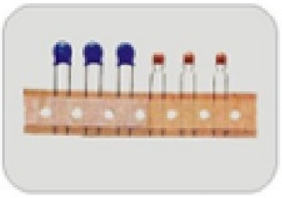
Lead cutting of single-side taped radial components, from reel or ammo box. Compact, accurate cut length, for short leads. Quiet, continuously variable speed motor; a hand-crank version is also available.



FEATURES

- Reel and ammo box material
- Continuously variable, quiet motor
- Compact, easy operation
- Hand-crank version available







SPECIFICATIONS · FL-806

Lead length	3–20 mm	**Lead diameter**	0.4–1 mm
Size (L×W×H)	420×260×260 mm	**Weight**	22 kg
Power	25 W	**Power supply**	110 / 220 V AC, 60 / 50 Hz

RADIAL COMPONENTS

Capacitor Cutter Bender Former, loose (standard speed)

FL-808

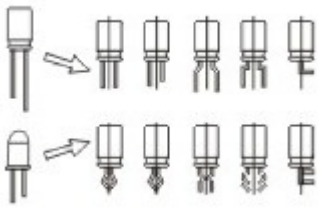
4000 pcs/h | **PLC + HMI**

Fully automatic cutting and forming of loose radial components: LEDs, electrolytic capacitors, transistors, Y capacitors, metal film capacitors and more. Bowl feeding, gripping, lead adjustment, polarity check, turning, re-check, cutting and forming in one run.



FEATURES

- Forms to customer shape: 90° bend, inner and outer bend, front-back bend, K shape
- Mitsubishi PLC, HMI touch screen
- Polarity check and re-check
- Japanese steel combination moulds, quick change
- Gentle toothed-bar gripper, one gripper for similar sizes





SPECIFICATIONS · FL-808

Speed	4000 pcs/h	**Size (L×W×H)**	1600×650×1280 mm
Weight	300 kg	**Power**	250 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²

RADIAL COMPONENTS

Capacitor Cutter Bender Former, loose (high speed)

FL-809

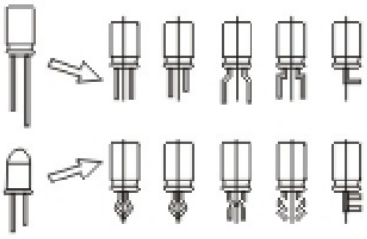
8000 pcs/h | **Cam drive**

High-speed version of the FL-808 with a cam drive: fully automatic cutting and forming of loose LEDs, electrolytic capacitors, transistors, Y capacitors and metal film capacitors, with polarity check.



FEATURES

- Cam drive: accurate, stable, durable and quiet; hardened parts
- Forms to customer shape: 90°, inner, outer, front-back bend, K shape
- Mitsubishi PLC, HMI touch screen
- Polarity check and re-check
- Japanese steel combination moulds, quick change





SPECIFICATIONS · FL-809

Speed	8000 pcs/h	**Size (L×W×H)**	1500×1000×1500 mm
Weight	400 kg	**Power**	1000 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²

RADIAL COMPONENTS

Capacitor Cutter Bender Former, taped

FL-815

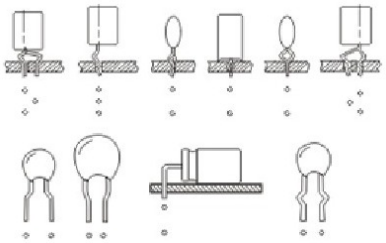
7200 pcs/h | **Taped radial**

Cutting, bending and forming of single-side taped radial components, fully automatic feeding with a quiet variable speed motor. Tape hole pitch 12.7 or 15 mm; custom moulds available.



FEATURES

- Cutting, bending and forming
- Tape hole pitch 12.7 or 15 mm
- Custom moulds
- Variable speed, quiet motor



SPECIFICATIONS · FL-815

Speed	7200 pcs/h	**Size (L×W×H)**	350×390×400 mm
Weight	27 kg	**Power**	40 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²

RADIAL COMPONENTS

Capacitor Cutter Bender, taped

FL-816

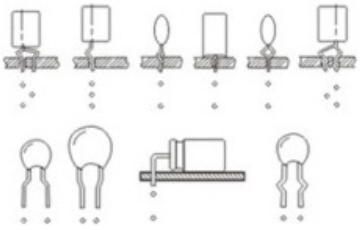
7200 pcs/h | **Taped radial**

Lead trimming and forming of single-side taped radial components in one step, or trimming only. Tape hole pitch 12.7 or 15 mm. For an additional lead spreading step use the FL-815.



FEATURES

- Forming and trimming in one step, or trimming only
- Tape hole pitch 12.7 or 15 mm
- Custom moulds, simple change
- Automatic feeding, variable speed, quiet motor



SPECIFICATIONS · FL-816

Speed	7200 pcs/h	**Size (L×W×H)**	350×390×400 mm
Weight	27 kg	**Power**	40 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²

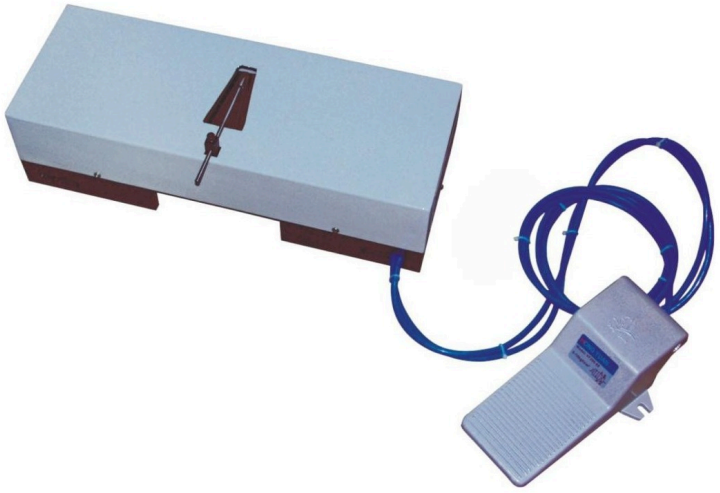
RADIAL COMPONENTS

Pneumatic Radial Component Cutter Former

FL-901

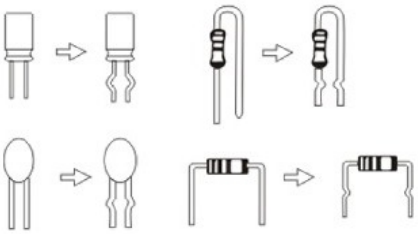
600–800 pcs/h Pneumatic

Pneumatic cutting and forming of bulk radial components in one stroke, with foot switch. Several standard moulds, custom moulds available, quick mould change.



FEATURES

- ✓ Form and cut in one stroke
- ✓ Double cylinder, compact
- ✓ Several moulds; custom moulds
- ✓ Quick mould change



SPECIFICATIONS · FL-901

Speed	600–800 pcs/h	**Size (L×W×H)**	400×180×120 mm
Weight	10 kg	**Air pressure**	4–6 kg/cm²

POWER TRANSISTORS

Power Transistor Former, loose

FL-950A

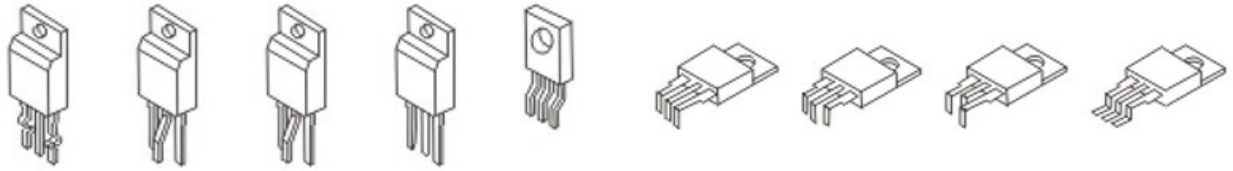
3600 pcs/h | **Bowl feeder**

Forming and cutting of bulk power transistors, triodes and similar parts. Vibrating bowl feeding with automatic polarity detection; forming and cutting in separate steps, fully automatic, so the operator stays away from the tools.



FEATURES

- ✓ Bowl feeding with polarity detection
- ✓ Indexer positioning, high stability
- ✓ DC53 steel moulds (HRC 60–62), quick change
- ✓ Omron relays and main controls
- ✓ All-mechanical design, no pneumatics



SPECIFICATIONS · FL-950A

Speed	3600 pcs/h	**Size (L×W×H)**	1050×600×900 mm
Weight	140 kg	**Power supply**	110 / 220 V AC, 60 / 50 Hz

POWER TRANSISTORS

Power Transistor Former, tube

FL-951

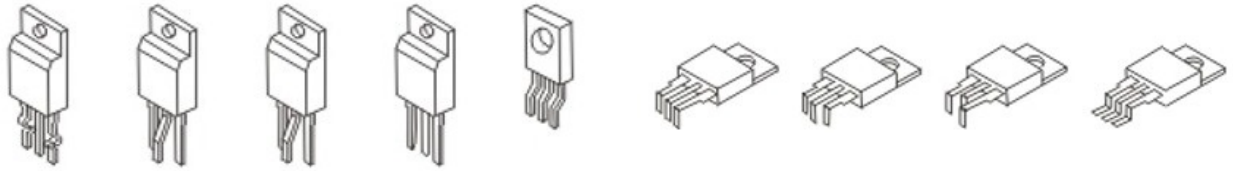
5400 pcs/h | **Tube feeding**

Trimming and forming of power transistors, IGBTs, flux LEDs, piranha LEDs and similar parts from tubes. Pull-out mould for quick change; an optional bowl feeder adds bulk parts.



FEATURES

- Tube feeding; bowl feeder optional
- Pull-out mould, quick and simple change
- Stepless speed adjustment
- Easy operation and maintenance



SPECIFICATIONS · FL-951

Speed	5400 pcs/h	**Size (L×W×H)**	400×400×400 mm
Weight	30 kg	**Power**	60 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²

POWER TRANSISTORS

Power Transistor Former, multi-tube

FL-953

5400 pcs/h PLC + HMI

Feeds, forms, cuts and orders transistors from several tubes in a row, tube by tube. Formed parts go in order into a multi-channel fixture, ready to be placed on the production line.



FEATURES

- Multi-tube magazine, tube-by-tube feeding
- Formed parts ordered into a multi-channel fixture
- Pull-out mould; other shapes with another mould or guide
- Panasonic PLC, Weinview HMI touch screen
- Alarm and stop when empty or full

SPECIFICATIONS · FL-953

Speed	5400 pcs/h	**Size (L×W×H)**	720×500×700 mm
Weight	80 kg	**Power**	800 W
Power supply	110 / 220 V AC, 60 / 50 Hz		

POWER TRANSISTORS

Transistor Former, loose

FL-950

3600–4500 pcs/h TO-92

Automatic forming of loose TO-92 and similar transistors: flat vibrating feeding combined with a bowl feeder, indexer positioning, two photoelectric controls that coordinate feeding and forming.



FEATURES

- Optimal for TO-92 parts
- No mould change for forming; special moulds on request
- Lowest reject rate
- Fully automatic



SPECIFICATIONS · FL-950

Speed	3600–4500 pcs/h	**Size (L×W×H)**	900×600×850 mm
Weight	140 kg	**Power**	250 W
Power supply	110 / 220 V AC, 60 / 50 Hz	**Dim. A**	5
Dim. B	adjustable	**Dim. C**	2.5

JUMPER WIRES

Jumper Wire Cutter Bender

FL-106

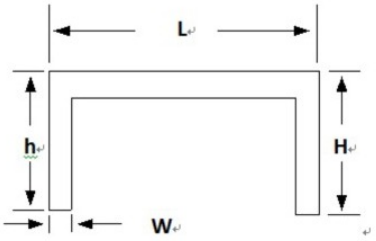
7500 pcs/h | From reel

Cuts and bends jumper wires from a full wire reel, fully automatic. L is set freely between 5 and 30 mm without changing the mould.



FEATURES

- Automatic feeding from the reel
- L 5–30 mm without mould change
- DC53 steel blade
- Leaves no marks on the wire
- Compact, light, low consumption





SPECIFICATIONS · FL-106

Speed	7500 pcs/h	**Size (L×W×H)**	330×400×520 mm
Weight	40 kg	**Power**	25 W
Power supply	220 V AC, 60 / 50 Hz	**Dim. H**	0–12
Dim. h	3–8	**Dim. L**	5–30
Dim. W (wire diameter)	0.5–0.8		

JUMPER WIRES

Jumper Wire Cutter Bender Stripper

FL-107

2500–3600 pcs/h | **Teflon wire**

Feeds, cuts, strips and bends Teflon-insulated jumper wire from a full reel, fully automatic. Finished wires and stripped sleeves drop out at different ports.



FEATURES

- ✓ Feeding, cutting, stripping and bending
- ✓ Three stepper motors, all-mechanical, high accuracy
- ✓ Mitsubishi PLC, HMI touch screen
- ✓ Adjustable span and lead length
- ✓ Unattended operation





SPECIFICATIONS · FL-107

Speed	2500–3600 pcs/h	**Size (L×W×H)**	680×450×420 mm
Weight	50 kg	**Power**	200 W
Power supply	220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²

JUMPER WIRES

Jumper Wire Cutter Bender Former

FL-108

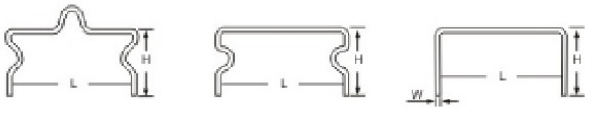
Up to 4000 pcs/h | **Complex forms**

Complex jumper wire forms: K shape, V shape, inclined, arc and others with custom moulds. Span set freely between 5 and 65 mm without changing the mould; 20–40 times faster than manual work.



FEATURES

- Span 5–65 mm without mould change
- Mitsubishi PLC, fully automatic
- Wire length, lead length and quantity set on the touch screen
- Japanese steel blades and moulds
- Custom moulds for special forms



SPECIFICATIONS · FL-108

Speed	2500–3600 pcs/h	**Size (L×W×H)**	650×420×420 mm
Weight	50 kg	**Power**	60 W
Power supply	220 V AC, 60 / 50 Hz	**Air pressure**	4–6 kg/cm²

ICS

IC Cutter Bender Former

FL-501

IC leads PLC + HMI

Compact IC lead cutting and forming machine: small and simple, two people can move it. After loading and commissioning it runs automatically, with no operator needed during production.



FEATURES

- PLC control, HMI touch screen
- Simple, quick data setting
- No pollution, noise or waste
- Low material and production cost



SPECIFICATIONS · FL-501

Size (L×W×H)	450×350×350 mm	**Weight**	15 kg
Power	25 W	**Power supply**	110 / 220 V AC, 60 / 50 Hz
Dim. A	6–20	**Dim. H**	4–12.7
Dim. D	3–12.7	**Dim. L**	0.3, 0.4, 0.6, 0.75

INTEON

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