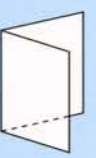
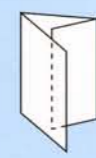







# Paper Folding Machine

## Paper folder vs. Applicable Fold Type Chart

Fold types								Max. Paper Size
Models	Single	Letter	Zigzag	Double Parallel	Fold-out	Gate	Cross	
F-45N, F-43N, F-30N	Yes	Yes	Yes	Yes	Yes	Yes	Yes*	A3
F-25N	Yes	Yes	Yes	Yes	Yes	Yes	Yes***	
F-15N	Yes*	Yes*	Yes*	Yes*	Yes*	None	Yes*	
AF-4N, AF-4CN, F-4N, F-4CN	Yes	Yes	Yes	Yes	Yes	Yes	None	
F-7N, F-7CN	Yes	None	None	None	None	None	None	

\*Paper needs to be passed through the machine twice.  
 \*\*Paper needs to be passed through the machine twice making use of an optional auxiliary paper feed tray.

### OPTIONAL EQUIPMENT



**Perforator for F-45N**  
**Perforator for F-43N**  
 Optional equipment that perforates paper of up to A3 size in portrait direction



**Base for receiving additional ejected papers**  
 When installed on this base, compact folders can handle nearly three times as much ejected paper. The base is intended for use with Models AF-4CN, AF-4N, F-4CN, F-4N and F-7N.

MEMO

\* Specifications are subject to change without notice.

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KA-A001-6-0112SZ30  
 Printed in Japan

# Paper Folding Machine

**Model F-43N is a top-selling universal machine. Easy to use, fully re-decorated with memory function up to 36 folding patterns.**



Model **F-43N**



### MAIN FEATURES

- Adjustable folding speed in 5 steps from 3,300 – 10,080 sheets/hr (Single fold of A4-size stock)**
- Stores data on folding position fine adjustments**  
 Data on fine adjustments of folding positions can be stored for easy retrieval when a same operation is next required.
- Automatically recognizes standard paper sizes**  
 Standard paper sizes are automatically recognized once paper is stacked on the feed table. Merely touching one of six major fold-type set buttons will immediately start the folding operation.
- Easy-to-recognize trouble displays**  
 To speed effecting remedies in the event of unforeseen problems, such as paper jams, LED lamps clearly indicate the source of trouble on JAM indication Map.
- Optional perforator**  
 Accurate perforation of folded paper for tear-off purposes can be accomplished by adding an optional automatic perforator.

## New desk-top folders that accommodate up to A3-size paper



F-45N

A top-selling universal machine. Easy to use and fully re-designed with memory function up to 36 folding positions.



Model **F-45N**

Fully automatic top model re-designed to meet all kinds of paper folding applications.

- The size of outer norm paper and its folding type can be memorized up-to 6 patterns.
- The feed table automatically elevates to assure optimal feed pressure at all time.
- The paper ejection roller automatically adjusts itself properly to paper size thus assuring smooth, efficient folded paper ejection.

- Stopper movement noise as folding positions are set has been greatly reduced through use of a double cover and a new stopper actuating method.
- Auto Fold Type Setting
- Auto Elevation of Feed table
- Auto Eject Roller positioning



Model **F-43N**

- Auto Fold Type Setting



Model **F-30N** (with four-digits addition/subtraction digital counter (auto repeat))

Model **F-25N** (without counter)  
An economy-type machine in which folding positions are set manually. Folding speed is fixed 7,000 sheets/hr (50Hz) and 8,000 sheets/hr (60Hz).

- Manual Fold Type Setting

### SPECIFICATIONS

MODEL	F-45N	F-43N	F-30N/F-25N
Paper size	B7 (single fold only) to A3		
Paper quality	160g/m <sup>2</sup> (230g/m <sup>2</sup> for single fold)		
Auto paper size recognition	A3, B4, A4, B5, A5, B6	A3, B4, A4, B5, A5, B6	None
Folding speed	Valuable speed from 3,300 to 10,080 sheets/hr (single folding of A4 size stock)		Fixed at 8,000 sheets/hr (50 Hz) and 9,000 sheets/hr (60 Hz)(single folding of A4 size stock)
Paper stacking capacity	500 sheets (high-quality paper of 64 g/m <sup>2</sup> )		
Fold type	Single, letter, zigzag, double parallel, fold-out, gate and cross fold (paper passes through the machine twice)		Single, letter, zigzag, double parallel, fold-out
Folding position setting	Auto set/Three irregular fold types can be memorized	Automatically set	Manually set
Automatic feed table elevation	Yes		None
Counter	Four-digit addition/subtraction digital counter (auto repeat)		Four-digit addition/subtraction digital counter (Not indicated on display for Model F-25N)
Paper empty detection	Stops automatically with buzzing and displays on jam map		Stops automatically with buzzing and indicates on LED display.
Jam detection	Stops automatically with buzzing and displays on jam map		Stops automatically with buzzing and indicates on LED display.
Paper feed angle adjustment	Yes		
Completed job notification	Stops automatically with buzzing and displays		
Paper feed system	Automatic by three-roller friction feed system (one-roller friction feed system for Model F-25N)		
Paper feed pressure setting	Auto adjustments		
Paper ejection system	Conveyed by belts; three steps automatically selected on paper ejection roller	Conveyed by belts; three steps manually selected on paper ejection roller	
Memory function and folding position fine adjustments	36 kinds (six fold types×six paper sizes)		None
Memory function of fold data for outer norm paper	Three kinds		None
Dimensions	When in operation 870W×530D×520H <sup>mm</sup> When stored 660W×530D×520H <sup>mm</sup>	820W×530D×540H <sup>mm</sup> 660W×530D×540H <sup>mm</sup>	
NET weight	33.5kg		
Power source	110, 120, 220, 230 or 240VAC, 50/60Hz		
Power consumption (in case of 230 V/50 Hz)	75 W(230V/50Hz)		61 W(230V/50Hz)
Optional equipment	Perforator		

## Compact machines that can fold paper of up to A3 size

Model **F-15N**  
This model, formerly equipped with a single-fold function, can now fold paper in various fold types by letting a single folded paper go through the machine again.

- Manual Fold Type Setting
- Auto Paper Feeding

Model **AF-4N**  
Model **AF-4CN** (with counter)  
Machines that enable automatic setting of fold types by the touch of a key and fold paper stacked on the feed table one sheet at a time.

- Auto Fold Type Setting
- Auto Paper Feeding

Model **F-4N**  
Model **F-4CN** (with counter)  
A highly popular model for single-fold, use only, accommodating up to A3 size paper.

- Manual Fold Type Setting
- Auto Paper Feeding

Model **F-7N**

### SPECIFICATIONS

MODEL	F-15N	AF-4N/AF-4CN	F-4N/F-4CN	F-7N
Paper size/Paper quality	B7 to A3, 45-210 g/m <sup>2</sup> (single folding of A4 size stock)	A3, B4, A4, and B5 sizes; 45-105 g/m <sup>2</sup>		
Fold types	Single fold (enables double parallel, letter, zigzag, fold-out and cross-fold by processing paper through the machine twice)	Single, letter, zigzag, double parallel and fold-out		Single fold only
Folding position adjustments	Manually set	Automatically set up to 6 pattern: A4: Letter, Zigzag and double parallel A3: Double parallel and fold-out A5: Double parallel	Manually set	
Paper feed system	Automatic by three-roller friction feed system	Automatic paper feed		
Counter	Four-digit addition/subtraction digital counter	Four-digit addition counter (for Models AF-4CN and F-4CN only)		None
Folding speed	Fixed at 8,000 sheets/hr (50 Hz) and 9,000 sheets/hr (60 Hz)(single folding of A4 size stock)	5,400 sheets/hr (50 Hz) or 6,400 sheets/hr (60 Hz) for single fold of B4-size paper		5,400 sheets/hr (50 Hz) or 6,400 sheets/hr (60 Hz)when single folding B4-size paper
Paper stacking capacity	500 sheets (high-quality paper of 64 g/m <sup>2</sup> )	200 sheets (high-quality paper of 64 g/m <sup>2</sup> )		
Paper empty detection	Paper feed roller stops	Yes		
Jam detection	Stops automatically with buzzing and displays jam map	Yes		
Paper feed angle adjustment		Yes		
Completed job notification	Stops automatically with buzzing and displays	None		
Paper feed pressure setting		Auto adjustments		
Paper ejection system	Conveyed by belts; three steps manually selected on paper ejection roller	None		
Dimensions	When in operation 680W×530D×340H <sup>mm</sup> When stored 510W×530D×340H <sup>mm</sup>	470W×560D×390H <sup>mm</sup>		
NET weight	24kg	19kg	19kg	17kg
Power source	110, 120, 220, 230 or 240 VAC, 50/60 Hz			
Power consumption (in case of 230 V/50 Hz)	61W(230V/50Hz)		70 W(230V/50Hz)	