

Folder Options

AF-76 Series / AFC-74 Series / AFC-56 Series / AF-566T4F / AF-406 Series / EF Series

Superior fold with extensive optional devices



AF-76 Series / AFC-74 Series

Supersonic Detector SD-74F / SD-74R / SD-74P

Optional supersonic detector is available for double feed detection. This detects space between sheets for accurate double feed detection even with a solid black printed sheet.



Gluing Unit CGU-50

The gluing unit can produce 8-page or 12-page glued booklets and direct mail applications.







Strip Trim Device AF-ST6

Strip trimming after the parallel fold section can be performed using slitters for multiple-up jobs. Stripped width can be adjusted. (3 mm to 10 mm at 1 mm intervals)



Edge Trim Device below 1st Knife KT-ET6

Segmented rollers below the 1st knife are provided as standard. Simply attach the KT-ET6 to trim the open/closed side of glued signatures to complete the booklet (8 page, 12 page).



Image Checker

The camera checks the printed sheets to prevent errors such as sheet loading error and printing error.



Front Perforation Unit FP-74 (FSP-74)

This unit permits perforating before folding. A hardened blade drum provides for high precision micro perforation. Skip perforation unit (FSP-74) is also available.



Strip Trim Device below 1st Knife KT-ST6

Strip trimming in the cross fold section can be performed using slitters for multiple-up jobs. Stripped width can be adjusted. (3 mm to 10 mm at 1 mm intervals)



Gate Fold Buckle GFB-74 / GFB-76

The gate fold buckle can be set up quickly, with no special skill for precise, accurate closed-gate folding.



Sheet Width	Up to 738 mm / 29.06"
Sheet Weight Range	Normal Paper 35 to 244 gsm

Blades

A wide variety of optional blades are available for various applications. (Blades in the photo are some examples.)



Unit : mm (Cut x Blank)

Name	Model	Description	Factory Option	762KL	762KLL	764AKL	764AKLL	762KLS	746F	746S/D	744A/S
Supersonic Detector	SD-74F / SD-74R / SD-74P	Detects space between sheets for accurate double feed detection even with a solid black printed sheet.	No	*	*	*	*	Standard	Standard	Yes	Yes
Image Checker	-	A camera scans the printed image to identify any blank or misloaded sheets.	No	*	*	*	*	*	*	*	*
Barcode Reader	-	Barcode verification and misprint detection.	No	*	*	*	*	*	*	*	*
Feed Table Guide Bar	-	The guide bar helps to load the sheets to improve the operation. Only available for flat feeder FFU-76M.	No	* Only for FFU	* Only for FFU	* Only for FFU	* Only for FFU	No	No	No	No
Side Air on rear side	-	Additional side air to assist stable feeding. Only available for flat feeder FFU-74M.	No	only for	* Only for FFU	only for	only for	*	No	No	No
Gluing Unit	CGU-K74 + CGU-50	Gluing gun and controller to produce glued booklet.	No	*	*	*	*	*	Yes	Yes	Yes
Front Perforation Unit	FP-74	Front perforation unit. Available only as factory option.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Skip Perforation Unit	-	Skip perforation unit. only available with FP-74.	No	*	*	*	*	*	*	*	*
Strip Trim Device	AF-ST6	Strip trimming after the parallel fold section for multiple-up jobs.	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Edge Trim Device	AF-ET6	Edge trimming for the parallel fold section.	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Punch Perforation Unit	AF-PP6	Punch perforation for 8 or 12 page signature for deep glue penetration when producing perfect bound book.	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Strip Trim Device below 1st Knife	KT-ST6	Strip trimming after the cross fold section for multiple-up jobs.	No	No	No	No	No	No	Yes	Yes	Yes
Edge Trim Device below 1st Knife	KT-ET6	Enables to trim the edge of cross folded signatures.	No	No	No	No	No	No	*	Yes	Yes
Punch Perforation Unit below	KT-PP6	Punch perforation for 16-page signatures with cross	No	No	No	No	No	Yes	Yes	Yes	Yes
1st Knife	K1-PP7	knife unit connection.	No	Yes	Yes	Yes	Yes	No	No	No	No
Punch Perforation Unit below 2nd Knife	K2-PP7	Punch perforation for 32-page signatures with cross knife unit connection. Only available with MS-2K.	No	Yes	Yes	Yes	Yes	No	No	No	No
Perforation Unit below	MS-2K		No	No	No	No	No	No	Yes	Yes	Yes
2nd Knife	-	Slit perforation and scoring for 32-page signatures.	No	Standard	Standard	Standard	Standard	No	No	No	No
	GFB-74	Gate fold buckle to produce closed gate fold applica-	No	No	No	No	No	No	Yes	Yes	Yes
Gate Fold Buckle	GFB-76	tion.	No	No	No	Yes	Yes	No	No	No	No
Hard Urethane Roller for Parallel Fold	-	The wear-resistant hard urethane rollers. (segmented)	No	*	*	*	*	*	*	*	*
Deflector below Knife	KT-D74	Deflector which can be installed instead of buckle.	No	No	No	No	No	No	Selection	Selection	Selecti
Buckle below Front Knife	KT-120	Maximum folding size is 120 mm. Manual type and automated type are available. This can be used on the front or rear side.	No	No	No	No	No	No	Selection	Selection	Selecti
Buckle below Rear Knife	KT-250	Maximum folding size is 250 mm. Manual type and automated type are available. This can be used on the rear side only.	No	No	No	No	No	No	Selection	Selection	Selecti

^{*} Contact your local dealer about availability of connection.

AFC-56 Series / AF-566T4F

Round Pile Feeder Unit RFU-54

The RFU-54 can be attached or detached without removing the standard flat pile feed table, making it quick and easy to interrupt long runs for short-run jobs. An error feed tray is equipped for continuous feeding operation.



The optional side are can be installed to assist constant feeding with for difficult to feed paper stocks.



Front Perforation Unit FP-56 (Factory Option)

This unit permits perforating before folding. A hardened blade drum provides for high-precision micro perforation. Optional skip perforation (FSP-56) is available.



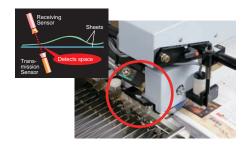
Strip & Edge-Trim Device CGU-T56F

Center strip trim and edge trim are available under the cross knife. Segmented rollers allows flexible adjustment of the cutting positions. (CGU-T56 is available for AFC-566AKT/564AKT.)



Supersonic Detector SD-56

Optional supersonic detector is available for double feed detection. This detects space between sheets for accurate double feed detection even with a solid black printed sheet.



Gluing Unit CGU-50

The gluing unit can produce 8-page or 12-page glued booklets and direct mail applications.





Glue Gur

Strip Trim Device AF-ST5/ST5N

Strip trimming after the parallel fold section can be performed using slitters for multiple-up jobs. Stripped width can be adjusted. (3 mm to 10 mm at 1 mm intervals)



Gate Fold Buckle GFB-56

The gate fold buckle can be set up quickly, with no special skill for precise, accurate closed gate folding.



Sheet Width	Up to 558 mm / 21.965"
Sheet Weight Range	Normal Paper 35 to 244 gsm
Knife Folding Length	60 to 335 mm / 2.37" to 13.2"

Scoring Navigator AF-SN56

The scoring position can be set easily according to the fold patterns and dimension saved on the touch panel. The fine adjustment value and specialized settings are saved by our unique memory device.



Blades

A wide variety of optional blades are available for various applications. (Blades in the photo are examples.)



Unit : mm (Cut x Blank)

Name	Model	Description	Factory Option	566F	566AKT	564AKT	566T4F
Round Pile Feeder Unit	RFU-54	Mobile round pile feeder.		Yes	Yes	Yes	Yes
Futancian Table	LT-56	Enables to load shoots up to 4.400 mm (42.21) land	No	No	Yes	Yes	No
Extension Table	LT-56F	Enables to load sheets up to 1,100 mm (43.3") long.	Yes	Yes	No	No	Yes
Supersonic Detector	SD-56/SD-56C	Detects space between sheets for accurate double feed detection even with a solid black printed sheet.	No	Standard	Yes	Yes	Standard
Side Blowing Unit	-	Side blowing assist air for stable feeding.	No	Standard	*	*	Standard
Image Checker	-	A camera scans the printed image to identify any blank or misloaded sheets.	No	*	*	*	*
Barcode Reader	-	Barcode scanning at resistor table for higher security control.	No	*	*	*	*
Ionizer	-	The ionizer reduces the static on the paper to minimize static related feed/folding issues.	No	*	*	*	*
Gluing Unit	CGU-K56+C- GU-50	Gluing gun and controller to produce glued booklet.	No	Yes	Yes	Yes	Yes
Front Perforation Unit	FP-56*1	Front perforation unit. Only available as factory option.	Yes	Yes	Yes	Yes	Yes
Skip Perforation Unit	JM-AFC	Skip perforation unit. only available with FP-56.		*	*	*	*
Strip Trim Device	AF-ST5/AF-ST5N	Strip trimming after the parallel fold section for multiple jobs.	No	Yes	Yes	Yes	Yes
Edge Trim Device	AF-ET5/AF-ET5N	Edge trimming for the parallel fold section.		Yes	Yes	Yes	Yes
Punch Perforation Unit	AF-PP5	Punch perforation for 8 or 12 page signature for deep glue penetration when producing perfect bound book.	No	Yes	Yes	Yes	No
Punch Perforation Unit	AF-PP5N		No	Yes	Yes	Yes	Yes
Strip Trim Device below Knife	KT-ST5	Strip trimming after the cross fold section for multiple jobs.	No	*	*	*	No
Strip & Edge Trim Device below	CGU-T56F	Strip and edge trimming for 8-page or 12-page signatures.	No	Yes	No	No	No
Knife	CGU-T56		No	No	Yes	Yes	No
	CGU-T56FN	Edge trimming for 8-page or 12-page signatures.	No	Yes	No	No	No
Edge Trim Device below Knife	CGU-T56N		No	No	Yes	Yes	No
Punch Perforation Unit below 1st Knife	KT-PP56*2	Punch perforation for 16-page signatures with cross knife unit connection.	No	Yes	Yes	Yes	No
Alignment Detector	-	Alignment detection on register conveyor.	No	No	No	No	*
Scoring Navigator	AF-SN56	The scoring position can be set easily according to the selected fold patterns and sizes.	No	No	No	No	Yes
Gate Fold Buckle	GFB-56	Gate fold buckle to produce closed gate fold application.	No	Yes	Yes	Yes	Yes
Hard Urethane Roller for Parallel Fold	-	The wear-resistant hard urethane rollers. (segmented)	No	*	*	*	*
Sound-Proof Cover	AF-FCV566	The sound week source solicitor suite and sefe ensention	Vaa	Ctondord	AF-FCV566	AF-FCV564	Ctondoud
(Full Cover)	AF-FCV564	The sound proof cover achieves quiet and safe operation.	Yes	Standard	Yes	Yes	Standard
Sound -Proof Cover	AF-UCV566	The sound proof cover achieves quiet and safe operation. This	Van	Na	AF-UCV566	AF-UCV564	Na
(Upper Cover)	AF-UCV564	cove is available only for the buckle chute section.	Yes	No	Yes	Yes	No
Flat Deflector (Parallel)	-	The flat type deflector. Replaces the parallel folding buckle.	No	Yes	Yes	Yes	Yes
Flat Deflector (Below Knife)	_	The flat type deflector. Replaces the buckle below knife.	No	Yes	Yes	Yes	No

Contact your local dealer about availability of connection.

^{*1} FP-56T for the T-564F
*2 he additional CGU-T56 is required to install.

AF-406 Series

Ultrasonic Sensor

The optional ultrasonic sensor can be used as the double feed detection sensor. This detects the space between sheets for accurate double feed detection.



Water Scoring Unit

The water scoring unit applies the water (mixed with alcohol) along the fold line at the register table. This enables the fold edge to be tightly pressed to improve the fold accuracy and quality. The fold rollers on the folder are rust-proof.



Gate Fold Buckle GFB-40

The gate fold buckle can be set up quickly, with no special skill for precise, accurate closed-gate folding.



Sheet Size	Max. 400 mm, Min. 50 mm	
Buckle Fold Length	Max. 175 mm, Min. 25 mm	

Alignment Detector AD-40S

This detects the unfolded signatures or transport error to prevent the sheet jam.



Barcode Reader

High performance barcode reader, reads and compare the code to avoid error.



Available Codes

Most major codes are available.

Long Buckle Chute LB-40S

The maximum length of the fold is 430 mm / 13.78".



Reversing Buckle RB-40

Provides versatility in folding pattern and imposition by reversing the sheet direction.



Sheet Size	1st Station : Max.400 mm, Min.75 mm 2nd Station : Max.400 mm, Min.50 mm
Sheet Weight Range	Max.220 mm, Min.30 mm

Scoring Navigator SN-40S

The scoring position can be adjusted by unit of 0.1 mm using the scoring navigator. This navigator also can read the scoring position and that position can be saved as a memory.

(The scoring navigator can be installed to the AF-406S/SL with the factory option.)



Strip Trim Unit AF-ST4S

Strip trimming in the parallel fold section can be performed using slitters for multiple-up jobs. The stripped width can be adjusted. (3 mm to 10 mm at 1 mm intervals)



Interface Unit FABOX-40S

Interface unit to connect T-406A with AF-406F/FL and AF-406S/SL.



Blades

A wide variety of optional blades are available for various applications. (Blades in the photo are examples.)



Unit : mm (Cut x Blank)

Name	Model	Description		406F/FL	406S/SL
Ultrasonic Sensor	SD-40S	This detects the space between sheets for accurate double feed detection.		Standard	Yes
Extension Table	LT-40S	The extension table allows to feed the sheet up to 900 mm / 35.5" long.	No	Yes	Yes
Image Checker	-	A camera scans the printed image to prevent human error such as mis-loading.	No	*	*
Barcode Reader	BR-40S	The barcode detects the errors such as misplaced page or blank page.	No	Yes	Yes
Long Buckle Chute	LB-40S	The maximum length of the fold is 430 mm / 13.78".	Yes	Yes	Yes
Strip Trim Unit	AF-ST4S	Strip trimming in the parallel fold section can be performed using slitters for multiple-up jobs.	No	Yes	Yes
Edge Trim Unit	AF-ET4S	The edge of parallel folded signature can be trimmed.		Yes	Yes
Scoring Navigator	SN-40S	Enables easy scoring position adjustment.		Yes	*
Alignment Detector	AD-40S	Alignment detection on resistor conveyor.	No	Yes	Yes
Water Scoring Unit	-	Water scoring to achieve tighter fold quality.	No	*	*
Gate Fold Buckle	GFB-40	Gate fold buckle to produce closed gate fold application.	No	Yes	Yes
Reversing Buckle	Reversing Buckle RB-40 Provide versatility in folding pattern and imposition by reversing the sheet direction.		No	Yes	Yes
Interface Unit	FABOX-40S	Interface unit to connect T-406A with AF-406F/FL and AF-406S/SL.	No	Yes	Yes

^{*} Contact your local dealer about availability of connection.

Delivery Section

Press Stacker PST-66

Strong press at maximum 1.2 ton is applied to produce flat signature and folded pieces. First roller removes the air and second roller compresses the signature to reduce bulk. Batch separation is available to maximize

Maximum Sheet Width	Maximum Width With Batch Separation : 660 mm / 25.98" Without Batch Separation : 690 mm / 27.16"
Voltage/Frequency	3-phase 200 to 220 V, 50 / 60 Hz Single phase 200 to 240 V, 50 / 60 Hz
Machine Dimensions	W2,145× D1,159× H1,359 mm / W84.5" x D45.7" x H53.6"



Press Stacker PST-40

The first rollers remove the air and the second rollers powerfully compress the signatures for reduced bulk and tighter folds. Signatures can be offset separated individually or by group, depending on job requirements.

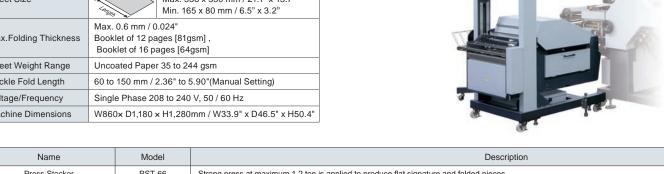
Press Width	Max. 440 mm / 17.3" (without offset : 470 mm / 18.5")		
Voltage/Frequency	3-phase 200 to 220 V, 50 / 60 Hz Single Phase 220 to 240 V, 50 / 60 Hz		
Machine Dimensions	W1,230 x D790 x H1,230 mm / W48.5" x D31.1" x H48.5"(when housing the infeed section and receiving tray into the machine) W1,850 x D790 x H1,230 mm (W72.9" x D31.1" x H48.5")(when using the infeed section and receiving tray)		



Mobile Knife Fold Unit MKU-54T

The MKU-54T is a mobile knife unit equipped with the buckles below the knife. It is capable of the letter fold after 8-page cross fold.

Sheet Size	J. S. Constant	Width x Length Max. 538 x 350 mm / 21.1" x 13.7" Min. 165 x 80 mm / 6.5" x 3.2"		
Max.Folding Thickness	Max. 0.6 mm / 0.024" Booklet of 12 pages [81gsm] , Booklet of 16 pages [64gsm]			
Sheet Weight Range	Uncoated Paper 35 to 244 gsm			
Buckle Fold Length	60 to 150 mm / 2.36" to 5.90"(Manual Setting)			
Voltage/Frequency	Single Phase 208 to 240 V, 50 / 60 Hz			
Machine Dimensions	W860× D1,180 × H1,280mm / W33.9" x D46.5" x H50.4"			



Name	Model	Description
Press Stacker	PST-66	Strong press at maximum 1.2 ton is applied to produce flat signature and folded pieces.
Press Stacker	PST-40	Compresses the signatures to reduced bulk and tighter folds.
Mobile Knife Fold Unit	MKU-54T	Mobile knife unit with buckle under the knife.
Mobile Knife Fold Unit	MKU-38	Mobile knife unit for additional knife fold.
Connecting Conveyor	MKU-CU	Bridge conveyor between folder and MKU-38.
Press Stacker with Pile Delivery	PSX-56	Tightly pressed signatures are stacked and delivered at a comfortable height.
Press Stacker with Pile Delivery	PSX-56R	Tightly pressed signatures are stacked and delivered at a comfortable height. The PSX-56R is for opposite delivery direction.
Delivery Conveyor	LCV-76	Conveyor for the AF-762KLS / 762KL.
Hook Conveyor	HCV-76	Conveyor for the AF-762KLS.
Long Conveyor	LCV-54	1.3 m long conveyor supports the efficient production.
Short Conveyor	SCV-54	The short conveyor is perfect for space-saving. Length of the Conveyor: 630 mm (Minimum) to 860 mm (Maximum).
Standing Delivery Unit	ED-40S	Standing delivery for easy handling and packaging.
Bridge Conveyor	BG-56	Transfer conveyor between first station and second station.

^{*} Contact your local dealer about availability of connection.

^{*1} The conveyor equivalent to the LCV-76 is provided as standard equipment.

Mobile Knife Fold Unit MKU-38

The MKU-38 can be connected with various folders as an additional knife unit, A wide range of applications are covered with a sheet size of 90 mm / 3.54" to 380 mm / 14.96".

*Depending on delivery direction of MKU-38, LCV-54 and SCV-406 cannot be connected. Please consult with sales representative for detail information.

Sheet Size	N. S.	Width x Length Max. 380 x 280 mm / 14.9" x 11.0" Min. 90 x 20 mm / 3.6" x 0.8"		
Max.Folding Thickness	Up to 2.3 mm / 0.09" thickness of folded sheet			
Sheet Weight Range	Uncoated Paper 35 to 210 gsm			
Voltage/Frequency	Single Phase 200 to 240 V, 50 / 60 Hz			
Machine Dimensions	W685 x D858 x H1,283.5 mm / W27.0" x D33.8" x H50.6"			



Press Stacker with Pile Delivery PSX-56/56R

Stacked signatures or booklets are delivered to a comfortable height for easy packaging. Applications can be stacked 1-up, 2-up or 3-up for efficient production. Rigid, large diameter rollers apply 1.2 tons of pressure for crisp, tight and flat folds.

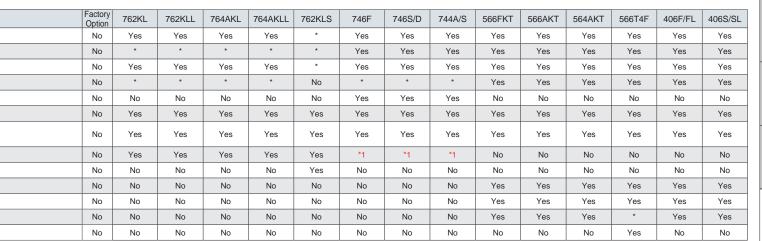
Sheet Size		Width x Length Max. 546 x 330 mm / 21.49" x 12.99" Min. 128 x 92 mm / 5.04" x 3.63"	
Production Speed	Max. 900 stacks per hour (With continuous motion of the pushers)		
Voltage/Frequency	3-phase 200 to 220 V, 50 / 60 Hz Single Phase 200 to 240 V, 50 / 60 Hz		
Machine Dimensions	W2,120 x D2,280 x H1,080 mm/ W83.5" x D89.8" x H42.6"		



Standing Delivery ED-40S

Standing delivery stacker increases the efficiency for sheet packing. Batch kicking function allows accurate counting.

Sheet Size	Maximum Width 400 mm / 15.74" Maximum Height 150 mm / 5.90" Minimum Width 30 mm / 1.19" Minimum Height 20 mm / 0.79"
Voltage/Frequency	Single Phase 200 to 240V, 50 / 60 Hz
Machine Dimensions	W982 x D624 x H1,153 mm / W38.7" x D24.6" x H45.4"

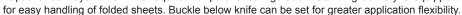


Delivery Section AF-406 Series / EF Series

Mobile Knife Unit KTU-40

A broad range of applications can be performed with the mobile knife unit. Both right angle and parallel direction can be processed depending on folding patterns.

*Optional conveyor KTU-PL is required for parallel configuration. Standing delivery is equipped as standard





Bypass Unit

Sheet Size	Cross Knife Fold	Width x Length Max. 400 x 220 mm / 15.7" x 8.6" Min. 90 x 20 mm / 3.6" x 0.8"	
	Paralell Knife Fold	Width x Length Max. 220 x 200 mm / 8.6" x 7.8" Min. 40 x 70 mm / 1.6" x 2.8"	
	Vertical Stacking Section	Width x Length Max. 220 x 150 mm / 8.6" x 5.9" Min. 20 x 22 mm / 0.8" x 0.9"	
Buckle Fold Length	20 to 110mm / 0.08 to 0.43"(Manual Setup)		
Voltage/Frequency	Single Phase 200 to 240 V, 50 / 60Hz,		
Machine Dimensions	W1,140 x D1,620 x H1,180 mm / W44.9 " x D63.8" x H46.5"		

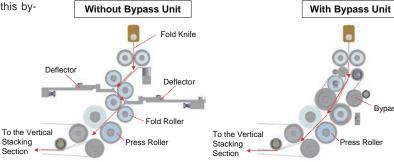


Bypass Unit KTU-KB

This unit is used as a bypass. Replaces the fold roller below knife. Even the thick signatures can be transported smoothly by this bypass unit.

(This is the optional device for the KTU-40.)





Parallel Fold Unit KTU-PL

The parallel fold can be performed using the in-feed unit and stop-

(This is the optional device for the KTU-40.)



Press Roller Unit PR-40S

Strong and rigid press roller presses the folded sheets to form crisp tight folds. The press stacker can be used with the standing delivery unit ED-40. Tight folded sheets minimize shipping costs by reducing packag-

Sheet Size	Maximum Width 400 mm / 15.74" Minimum Width 30 mm / 1.19" Minimum Length 25 mm / 0.99"	
Voltage/Frequency	quency Single Phase 200 to 240 V, 50 / 60 Hz	
Machine Dimensions	W791 x D657 x H1,066 mm / W31.2" x D25.9" x H42.0"	



Cross Folder KTU-35

The KTU-35 is equipped with perforation and scoring function. Suitable for direct mail folding. The folded signatures can be directly delivered on the conveyor or the ED-40S can be connected for the standing delivery.

		Width x Length		
Sheet Size		Max. 350 x 260 mm / 13.7" x 10.2" Min. 70 x 20 mm / 2.7" x 0.7"		
Voltage/Frequency	Single Phase 100 V, 50 / 60 Hz			
Machine Dimensions	W700 x D610 x H480 mm / W27.6" x D24.0" x H18.9"			



Standing Delivery Unit ED-354

This stacker has batch separation function. The small size signatures can be stacked vertically for easy han-

(Finished size: 20 to 105 mm)



Name	Model	Description	Factory Option	406F/FL	406S/SL	EFseries
Mobile Knife Unit	KTU-40	Mobile knife unit with standing delivery.	No	Yes	Yes	No
Parallel Fold Unit	KTU-PL	The parallel fold can be performed using the in-feed unit and stopper. (This is the optional device for the KTU-40.)	No	Yes	Yes	No
Bypass Unit	KTU-KB	This unit is used as a bypass. (This is the optional device for the KTU-40.)	No	Yes	Yes	No
Press Roller Unit	PR-40S	High performance press roller ensures crisp tight folds.	No	Yes	Yes	No
Short Conveyor	SCV-406	The short conveyor is perfect for the space-saving.	No	Yes	Yes	No
Standing Delivery	ED-40S	Standing delivery unit improves the production efficiency for small sized signatures.	No	Yes	Yes	Yes
Cross Folder	KTU-35	Cross knife unit with perforation and scoring function.	No	No	No	Yes
Standing Delivery Unit	ED-354	Standing delivery unit.	No	No	No	Yes



*The machine design and specifications are subject to change without any notice.

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