Horizon

# AFC-566FKT

# **Automation is Power**

**Ultra-fast Changeover Paper Folder** 





World's First in a folding machine!

Innovative wireless remote with jog dial comes standard.



Connectable Product

Cross Folder AFC-566FKT Horizon

#### **Features**

#### **Automated Setup**





Fully automated setup including the suction head, table guide, buckle stopper, cross-knife fold section and side lay guide for the sheet size and fold pattern are selected through the touchscreen. Even the roller gap setting is automated for the actual sheet thickness inserted to the caliper.

#### Color LCD Touchscreen



The 10.4 inch color touchscreen is icon-based for user-friendly operation. The graphical interface screen provides intuitive operation for folding setup, speed adjustment and all other fine-adjustments.

#### Superior Fold Quality



Superior and consistent fold quality is ensured with steel and soft-formed polyurethane combination rollers.

#### 6 Buckle Plates



The AFC-566FKT is equipped with 6 buckles, 1 cross knife and 2 buckles under the cross knife, allowing a wide variety of fold patterns in minimal floor

#### Wireless Remote Controller



Wireless remote controller enables common operations and adjustments to be performed from all area of the system for greater flexibility. performance and ease-of-use.

### High-speed Feeder



Horizon's advanced rotary suction feed system with side blowing assist air for fast, consistent feeding of a wide range of paper stocks.

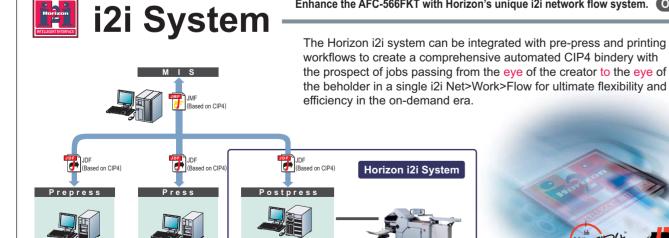


The supersonic and photoelectronic double feed detect sensors come standard for superior detection.



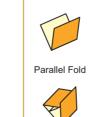
# AFC-566FKT+PST-40+MKU-54+RFU-54







# 17 unique fold patterns can be set up automatically.



Roll Fold



Double

Parallel Fold



Cross Fold



12-page



Cross Fold











Zigzag (7 panel) Fold





(Accordion) Transformation Fold

# High performance, space efficient fullyautomated cross-knife folding machine. The Horizon AFC-566FKT features advanced automation with 15 seconds setup time.

- 17 fold patterns are set up by simply touching the icon for the desired fold pattern and inputting the sheet size on the large LCD color touchscreen.
- All roller gap settings can be performed automatically through the LCD touchscreen inserting a single sheet at the caliper.
- Standard wireless remote controller for more convenient operation.
- The AFC-566FKT is equipped with 6 buckles, 1 cross knife and 2 buckles under the cross knife.
- Fold rollers are constructed with a combination of steel and soft polyurethane for superior grip and sharp, consistent folding.
- Horizon's advanced rotary suction feed system for fast, consistent feeding of a wide range of paper stocks. (42,000 sheets/hr. with A4 parallel fold.)

# End-to-end Automated Setup (38 Sections) Auto

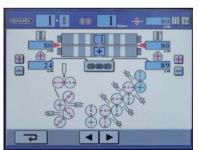
- ■Suction Head
- Table Guide
- ■1st Buckle ■2nd Buckle
- Side Lay Guide
  - ■Knife Stopper
- ■3rd Buckle
- ■4th Buckle
- ■5th Buckle
- ■6th Buckle
- Knife Guides (Front/Rear)
- K1 Buckle Below Knife
- K2 Buckle Below Knife

- ■3rd Roller Gap (Front/Rear) ■8th Roller Gap (Left/Right)
- ■4th Roller Gap (Front/Rear) ■9th Roller Gap (Left/Right)
- ■5th Roller Gap (Front/Rear) ■10th Roller Gap (Left/Right)
- ■1st Roller Gap (Front/Rear) ■6th Roller Gap (Front/Rear) ■11th Roller Gap (Left/Right)
- ■2nd Roller Gap (Front/Rear) ■7th Roller Gap (Front/Rear) ■12th Roller Gap (Left/Right)

# Intuitive, User-friendly Operation



Setup is completed by selecting the desired fold pattern and inputting the sheet size.



The graphical display provides for easy roller gap adjustment.

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The guide and buckle positions can be fine-tuned by 0.1 mm using the + or - button.

# **Production Speed by Fold Pattern**

(sheet/hour : Maximum)

Sheet Size	Parallel Fold	Letter Fold	DL Fold	8-page Cross Fold
A4	42,000	28,500	-	-
8.5" x 11"	45,000	30,000	-	-
A3	31,000	20,500	23,000	26,000
11" x 17"	30,000	20,000	22,500	25,500
A2	22,500	15,000	-	19,000
18" x 25"	21,000	14,000	-	17,500

Production speeds may differ depending on folder setting or sheet condition.

### Control Panel 1



- An icon-based color interface provides easy operation. For set-ups, simply select one of 17 common fold patterns from the graphical display and input sheet size.
- Up to 200 job settings can be memorized for quick and easy recall of regular jobs.
- Face up or face down can be selected by single touch of the LCD touchscreen.
- The forward/backward inch button is provided for easy sheet removal.

# Buckle Auto 2



- Specially-coated buckle plates minimize paper friction to help maintain fold accuracy.
- All the buckles are set up automatically with precise stepper motor drives for the sheet size and fold pattern selected.
- Each buckle has a simple flip-over deflector.



# Suction Head Auto 9



 An innovative detection system is employed for accurate and stable suction head positioning to achieve consistent feeding.

## Feed Rotor 🕕



 Horizon's advanced rotary suction feed system for fast, consistent feeding of a wide range of paper stock.

# Sub Operation Panel 4

 Start, Stop, Inching, Single Knife-actuation, and Test Feeding are performed at this panel.

#### Roller Gap Caliper 🔞



- All the roller gap sets up instantly by inserting a single sheet at the caliper.
- Precise roller gap adjustment with 0.005 mm accuracy.

# Feed Table Knob 6



 The feed table knob can adjust the table position to fine-tune the sheet feeding position.

# Knife Fold Section Auto



- Knife timing and knife angle can be adjusted easily.
- The servo motor controlled knife can fold up to 26,000 sheets/hr.
- Four transport belts and detented rollers ensure consistent transportation even for two-up application.

# Perforation 6



- Perforation, slit perforation, scoring, slitting and strip trimming can be performed inline.
- The perforation shaft is quick and easy to install or detach.
- Perforation shaft lifts up from the screen for easy perforation/scoring positioning.

# Folding Rollers Auto



- The uniquely designed combination of soft polyurethane foam rubber and steel rollers have superior grip for sharp, consistent folding.
- The fold roller system employs helical gears for quiet operation and flexible cross couplings for minimal wear.

# Side Lay Guide Auto 11

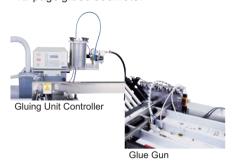


- The side lay guide is coated with a special anti-static plating.
- The newly designed rigid side lay guide ensures accurate and smooth transportation of wide range of paper stock.

# A Wide Range of Optional Units Option

#### ■ Gluing Unit: CGU-50

The gluing unit can produce 8-page or 12-page glued booklets.



#### ■ Gate Fold Buckle: GFB-56

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



#### ■ Front Perforation Unit: FP-56

Perforation can be made before folding. An accurate blade drum provides for high-precision micro perforation. Optional skip perforation is available.



\*The front perforation unit is a factory option

#### ■ Strip Trim Device : AF-ST5

Strip trimming is available for multiple-up jobs with slitter.



#### ■ Strip & Edge-Trim Device : CGU-T56F

Center strip trim and edge trim are available under the cross knife. Segmented roller allows flexible cutting position adjustment.



#### **■** Edge Trim Device : KT-ET5

A grooved roller is originally equipped below the knife. Simply attach the KT-ET5 to trim the closed side of glued 8-page signatures to complete the booklet.



#### ■ Blades

A wide variety of optional blades are available for various applications.



#### ■ Press Stacker: PST-40

- The first rollers remove the air and the second rollers powerfully compress the signatures for reduced bulk and tighter fold.
- Signatures can be offset separated individually or by group, depending on your job requirement.
- The height of the press unit is simply adjusted by the remote controller.



#### ■ Mobile Knife Fold Unit: MKU-54/54T

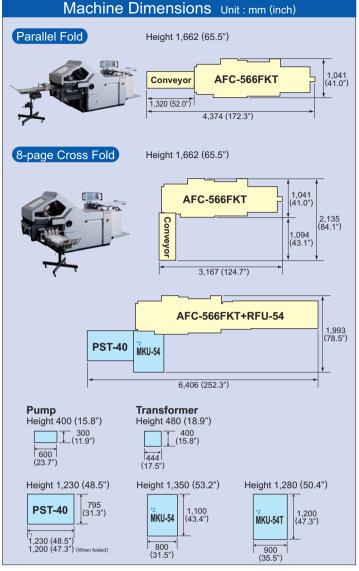
- The MKU-54/54T is available as the second knife unit for 2nd cross fold.
- Knife unit reverse function provides flexibility to choose fold-up or fold-down.
- Two buckles below knife can be attached on the MKU-54T. (One buckle is standard.)

#### ■ Round Pile Feeder Unit: RFU-54

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

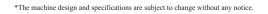


AFC-56	SEEKT M	aior Spec	ifications		
Machine Structure					
	6KTT (6 Buckles+Fold Knife+2 Buckles Below Knife)  558(W) x 850(L) mm (21.965" x 33.460")				
Max. Sheet Size	[AFC-566FKTL : 1,100(L) mm (43.310") Factory Option]				
	128(W) x 148(L) mm (5.040" x 5.830")				
Min. Sheet Size	[Side Lay Guide Minimum Set Position : 74(W) mm (3.0")]				
Sheet Weight Range	Normal Paper 35 to 244 gsm, Art/Coated Paper 50 to 232 gsm				
Cheet Weight Range	1st Buckle 30 to 450 mm (1.2" to 17.7")				
	2nd Buckle	30 to 450 mm (			
	3rd Buckle	30 to 450 mm (			
	4th Buckle	30 to 360 mm (			
Buckle Fold Length	5th Buckle	30 to 450 mm (			
	6th Buckle	30 to 360 mm (			
	K1 Buckle	30 to 150 mm (			
	K2 Buckle		,		
	K2 Buckle 30 to 150 mm (1.2" to 5.9")  Max. 558(W) x 410(L) mm (21.9" x 16.1")				
	[Knife Length : 410 mm (16.1")]				
Knife Fold Size	Min. 160(W) x 30(L) mm (6.3" x 1.2")				
	[190(W) mm (7.5") with automatic setup]				
Feeding Mechanism	Air Suction Rotor & 2 Cylinder Separator Head				
Maximum Dila Haiaht	(Feed interval and suction time are adjustable.)  Max.740 mm (29.1") [within 250 kg (551.3 lbs.)]				
Maximum Pile Height Belt Speed					
bell opeed	30 to 240 m (32 to 261 yd.)/min. [Knife Fold : 200 m (218 yd.)/min.]				
Production Speed	42,000 sheets/hr. [A4 (8.5" x 11")-Parallel Fold] 17,000 sheets/hr. [500(W) x 700(L) mm (19.7" x 27.6")-8-page Cross Fold]				
Standard Fold Roller	Combination of Soft Polyurethane Foam Rubber and Steel Roller Optional side cut blades can be attached to the roller.				
Dollar Can Adicates of			attached to the roller.		
Roller Gap Adjustment	Automatic Settir		16"		
Slit Perforation	Cut 6 mm (0.24"), Blank 4 mm (0.16") Cut 2.5 mm (0.1"), Blank 0.8 mm (0.03")				
	[Option : Cut 3.2 mm (0.13"), Blank 0.8 mm (0.03") /				
Perforation	[Option : Cut 3.2 mm (0.13"), Blank 0.8 mm (0.03") / Cut 1.4 mm (0.06"), Blank 0.8 mm (0.03")]				
Perioration	Min. Perforation Distance : 40 mm (1.58") in one operation				
	Min. Distance from Sheet Edge: 12 mm (0.48")  Scoring Width: About 1 mm (0.04") (Depends on sheet type)				
Scoring					
	Lower Roller with Soft Polyurethane Foam Rubber Standard : 1 Slit Perforation Blade, 2 Perforation Blades				
Number of Holders	Max.12 blades can be attached.				
	Suction Head, Table Guide, Side Lay Guide, 1st to 6th Buckle,				
Automatic Setup	Knife Stopper, Knife Guide (Front/Rear), K1/K2 Buckle Below				
	Knife, Roller Gap (1st to 7th Rollers, Perforation Rollers, Knife Rollers and Rollers Below Knife)				
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Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)	Rollers and Roll Setting Accurac 1st to 6th Bit K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Crr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V	ers Below Knife) y: +/-1 mm, Con uckle Buckle elow Knife) Buckle clow Knife) Buckle clow Knife) Buckle zag (5 panel) Fol coss Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase ▽230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \) 50 / 60 Hz	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz 1/ 60 Hz 1/ 60 Hz 10.4 / 12.6 A 11.5 A 5.6 A 3.2 / 4.0 kW		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output	Rollers and Roll Setting Accurace 1st to 6th Bit K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Crr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 4-Phase 200 V 4-Phase 400 V	ers Below Knife) y: +/-1 mm, Con uckle Buckle elow Knife) Buckle elow Knife) Buckle fort Fold, Gate Fc uzag (5 panel) Fol uss Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase ▽230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \) 50 / 60 Hz 50 / 60 Hz 50 Hz 60 Hz 50 Hz 60 Hz 50 Hz kcal)	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz (Y400 V +/-10 % 50		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output Motors	Rollers and Roll Setting Accurac  1st to 6th Bit K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Cr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 4-Phase 200 V	ers Below Knife) y: +/-1 mm, Con uckle Buckle bow Knife) Buckle ort Fold, Gate Fo zag (5 panel) Fol pass Fold, 12-page etter / Accordion) r Fold, Zigzag (7  40 m³/hr. 3-Phase ▽230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 / 50 / 60 Hz kcal)  W x 2, 25 W x 1, 0.4	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz // 60 A // 12.6 A // 11.5 A // 5.6 A // 3.2 / 4.0 kW // 4.0 kW // 3.2 kW // KW x 1 (Servo), 2.2 kW x 1 (Pump)		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output	Rollers and Roll Setting Accurac  1st to 6th Bi K1/K2 Buckle (Be Parallel Fold, SF panel) Fold, Zig Fold, 8-page Cre Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 3-Phase 400 V	ers Below Knife) y: +/-1 mm, Con uckle Buckle blow Knife) Buckle out Fold, Gate For zag (5 panel) Fol pass Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase ♥230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 V 50 / 60 Hz 50 / 80 Hz 50 / 80 Hz 50 / 80 Hz 80 Hz 80 Hz 80 Hz 80 Hz 80 Hz 80 Nx 2, 25 W x 1, 0.4	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz 1/ 60 Hz 1/ 60 Hz 10.4 / 12.6 A 11.5 A 5.6 A 3.2 / 4.0 kW 4.0 kW 3.2 kW  kW x 1 (Servo), 2.2 kW x 1 (Pump) x 1,662(H) mm (114.2" x 39.6" x 65.5")		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output  Motors  Machine Dimensions	Rollers and Roll Setting Accurac 1st to 6th Bi K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Crr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V, 3-Phase 200 V 3-Phase 220 V 3-Phase 200 V 3-Phase 200 V 4.210 kJ (1,010 C75 kW x 1, 0.2 kl Main Body Conveyor	ers Below Knife) y: +/-1 mm, Con uckle Buckle blow Knife) Buckle over Fold, Gate Fo zag (5 panel) Fol pass Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase ▽230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \) 50 / 60 Hz 60 Hz 50 / 60 Hz 60 Hz 50 / 60 Hz 60 Hz 50 / 60 Hz 20 Wx 1,005(D) N x 2, 25 W x 1, 0.4 2,900(W) x 1,005(D) 1,320(W) x 600(D) x	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz 1/ 60 Hz 1/ 60 Hz 1/ 60 Hz 10.4 / 12.6 A 11.5 A 5.6 A 3.2 / 4.0 kW 4.0 kW 3.2 kW  kW x 1 (Servo), 2.2 kW x 1 (Pump) x 1,662(H) mm (114.2" x 39.6" x 65.5") 1,130(H) mm (52.0" x 23.7" x 44.5")		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output Motors	Rollers and Roll Setting Accurac 1st to 6th Bi K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Cr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 4,210 kJ (1,010 0.75 kW x 1, 0.2 kl Main Body Conveyor Parallel Fold	ers Below Knife) y: +/-1 mm, Con uckle Buckle elow Knife) Buckle over Fold, Gate Fo zag (5 panel) Fol pass Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase ▽230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \ 50 / 60 Hz 50 Hz 50 Hz 60 Hz 50 Hz kcal)  **N × 2, 25 W x 1, 0.4 2,900(W) x 1,005(D) 1,320(W) x 600(D) x 5,450(W) x 3,366  **Temporary Control of the	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  / Y400 V +/-10 % 50 / 60 Hz / 60 Hz / 60 Hz / 60 Hz 400 V, 50 Hz 11.5 A 15.6 A 3.2 / 4.0 kW 4.0 kW 3.2 kW  kW x 1 (Servo), 2.2 kW x 1 (Pump) x 1,662(H) mm (114.2" x 39.6" x 65.5") 1,130(H) mm (52.0" x 23.7" x 44.5") 67(D) mm (214.6" x 132.6")		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output  Motors  Machine Dimensions  Installation Space	Rollers and Roll Setting Accurac  1st to 6th Bit K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Crr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 3-Phase 200 V 3-Phase 200 V 3-Phase 400 V 4.210 kJ (1,010 0.75 kW x 1, 0.2 kl Main Body Conveyor Parallel Fold Cross Fold	ers Below Knife) y: +/-1 mm, Con uckle Buckle elow Knife) Buckle over Fold, Gate Fo zag (5 panel) Fol pass Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase ▽230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \ 50 / 60 Hz 50 Hz 50 Hz 60 Hz 50 Hz kcal)  **N × 2, 25 W x 1, 0.4 2,900(W) x 1,005(D) 1,320(W) x 600(D) x 5,450(W) x 3,366  **Temporary Control of the	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz 1/ 60 Hz 1/ 60 Hz 1/ 60 Hz 10.4 / 12.6 A 11.5 A 5.6 A 3.2 / 4.0 kW 4.0 kW 3.2 kW  kW x 1 (Servo), 2.2 kW x 1 (Pump) x 1,662(H) mm (114.2" x 39.6" x 65.5") 1,130(H) mm (52.0" x 23.7" x 44.5")		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output  Motors  Machine Dimensions	Rollers and Roll Setting Accurac  1st to 6th Bit K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Crr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 3-Phase 200 V 3-Phase 200 V 3-Phase 400 V 4,210 kJ (1,010 0.75 kW x 1, 0.2 kl Main Body Conveyor Parallel Fold Cross Fold LAeq: 84.0 dB	ers Below Knife) y: +/-1 mm, Con uckle Buckle blow Knife) Buckle clow Knife) Buckle clow Knife) Buckle clow Knife) Buckle part Fold, Gate Fc tozag (5 panel) Fol toss Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr.  3-Phase \( \sigma 230 \), 1.8 / 2.2 kW (50  50 / 60 Hz 220 \) 50 / 60 Hz 50 Hz 50 Hz 50 Hz 50 Hz kcal)  N x 2, 25 W x 1, 0.4 2,900(W) x 1,005(D) 1,320(W) x 600(D) 5,450(W) x 3,36 4,132(W) x 3,88	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz // 60 Hz // 60 Hz // 60 Hz 400 V, 50 Hz // 60 Hz 400 V, 50 Hz // 1.5 A // 5.6 A // 3.2 / 4.0 kW // 4.0 kW // 3.2 kW // (Servo), 2.2 kW x 1 (Pump) x 1,662(H) mm (114.2" x 39.6" x 65.5") // (130(H) mm (52.0" x 23.7" x 44.5") // (CD) mm (214.6" x 132.6") // (CD) mm (162.7" x 151.9")		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output  Motors  Machine Dimensions  Installation Space  Noise Level	Rollers and Roll Setting Accurac  1st to 6th Bi K1/K2 Buckle (Be Parallel Fold, SF panel) Fold, Zig Fold, 8-page Cre Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 4-210 kJ (1,010 0.75 kW x 1, 0.2 kl Main Body Conveyor Parallel Fold Cross Fold LAeq: 84.0 dB Main Body	ers Below Knife) y: +/-1 mm, Con uckle Buckle blow Knife) Buckle out Fold, Gate Fo zag (5 panel) Fol pass Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase \(\times\)230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \) 50 / 60 Hz 20 \) 50 / 60 Hz 40 Hz 50 Hz 50 Hz 50 Hz 50 Hz 50 Hz 50 Hz 4, 132(W) x 1,005(D) 1,320(W) x 1,005(D) 1,320(W) x 3,366 4,132(W) x 3,866 1,091 kg (2,405	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector e Stopper and Deflector old, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  // 4400 V +/-10 % 50 / 60 Hz // 60 Hz		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output  Motors  Machine Dimensions  Installation Space	Rollers and Roll Setting Accurac  1st to 6th Bit K1/K2 Buckle (Be Parallel Fold, Sh panel) Fold, Zig Fold, 8-page Cr Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V Conveyor Parallel Fold Cross Fold Laeq: 84.0 dB Main Body Conveyor	ers Below Knife) y: +/-1 mm, Con uckle Buckle blow Knife) Buckle over Fold, Gate For zag (5 panel) Fol pass Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase ♥230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \) 50 / 60 Hz 50 / 60 Hz 50 Hz 50 Hz 60 Hz 50 Hz 50 Hz kcal)  x 2, 25 W x 1, 0.4 2,900(W) x 1,005(D) 1,320(W) x 600(D) x 5,450(W) x 3,36 4,132(W) x 3,85  1,091 kg (2,405 50 kg (110.3 lbs)	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector eld, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  (Y400 V +/-10 % 50 / 60 Hz 1/ 60 H		
Deflectors  Fold Patterns  Job Memory  Vacuum Pump  Voltage / Frequency  Rated Current  Power Consumption (Including Pump)  Heat Output  Motors  Machine Dimensions  Installation Space  Noise Level	Rollers and Roll Setting Accurac  1st to 6th Bi K1/K2 Buckle (Be Parallel Fold, SF panel) Fold, Zig Fold, 8-page Cre Fold, DL Fold (L Zigzag (6 panel) 200 Jobs Flow Voltage / Frequency Power Consumption 3-Phase 200 V 4-210 kJ (1,010 0.75 kW x 1, 0.2 kl Main Body Conveyor Parallel Fold Cross Fold LAeq: 84.0 dB Main Body	ers Below Knife) y: +/-1 mm, Con uckle Buckle blow Knife) Buckle out Fold, Gate Fo zag (5 panel) Fol pass Fold, 12-page etter / Accordion) Fold, Zigzag (7  40 m³/hr. 3-Phase \(\times\)230 / 1.8 / 2.2 kW (50 50 / 60 Hz 220 \) 50 / 60 Hz 20 \) 50 / 60 Hz 40 Hz 50 Hz 50 Hz 50 Hz 50 Hz 50 Hz 50 Hz 4, 132(W) x 1,005(D) 1,320(W) x 1,005(D) 1,320(W) x 3,366 4,132(W) x 3,866 1,091 kg (2,405	sistent Accuracy: +/-0.1 mm e Stopper and Deflector e Stopper and Deflector eld, Accordion Fold, Zigzag (4 d, Letter Fold, Double Parallel e Cross Fold, Zigzag Cross , 16-page Transformation Fold, panel) Fold, Roll Fold  // Y400 V +/-10 % 50 / 60 Hz // 60 Hz // 60 Hz 400 V, 50 Hz // 10.4 / 12.6 A // 11.5 A // 5.6 A // 3.2 / 4.0 kW // 4.0 kW // 3.2 kW  kW x 1 (Servo), 2.2 kW x 1 (Pump) x 1,662(H) mm (114.2" x 39.6" x 65.5") // (130(H) mm (52.0" x 23.7" x 44.5") // (10) mm (214.6" x 132.6") // (10) mm (162.7" x 151.9") // 3 lbs.) // (1)		



- \*1 Min. 1,230 mm (48.5") to Max. 1,540 mm (60.7") when connecting to the parallel folding exit section.
   Min. 1,490 mm (58.7") to Max. 1,800 mm (70.9") when connecting to the cross folding exit section.
   \*2 Machine dimensions not including the delivery conveyor.

#### **Options** ■ Gluing Unit : CGU-50 ■ Blades (Slit/Perforation) ■ Gate Fold Buckle : GFB-56 ■ Press Stacker : PST-40 ■ Mobile Knife Fold Unit : MKU-54/54T ■ Front Perforation Unit : FP-56 (Factory Option) ■ Strip Trim Device : AF-ST5 ■ Round Pile Feeder Unit : RFU-54 ■ Strip & Edge-Trim Device : CGU-T56F ■ i2i System ■ Edge Trim Device : KT-ET5



Temperature & Humidity Temperature : 0 °C to +45 °C, Humidity : 20 % to 75 %RH





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