

Horizon

EFseries

EF-35/EF-35SR/EF-354/EF-354SR

**High-speed Folding
with suction rotor feeding.**



EF-354

EF-35

EF-35 / EF-35SR

Features

- The EF-35 features a top-load bottom suction-feed system, allowing you to load sheets while folding for non-stop operation.
- The fold roller section does not require adjustment for different stocks. The combination rubber and steel rollers are self-adjusting.
- The EF-35 is equipped with preset counter for job tracking and batching of folded sheets.

» **Horizon introduces the new EF-35 2-buckle folder.**

» **The compact design incorporates an innovative suction feed system, self-compensating combination fold rollers, and a space-efficient variable speed delivery.**

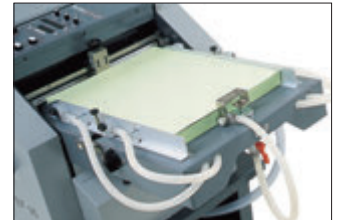
Fold Roller Section

- Self-compensating combination rubber and steel rollers create positive grip and superior sheet feeding.
- The buckle section is enclosed to minimize noise.
- EF-35SR features segmented steel and urethan rubber fold rollers which ensure the accurate and consistent fold quality.



Feeder Section

- The bottom feed suction rotor and gate plate perform reliable sheet feeding.
- The angle and volume of air for pile separation can be adjusted to feed a wide range of stocks.



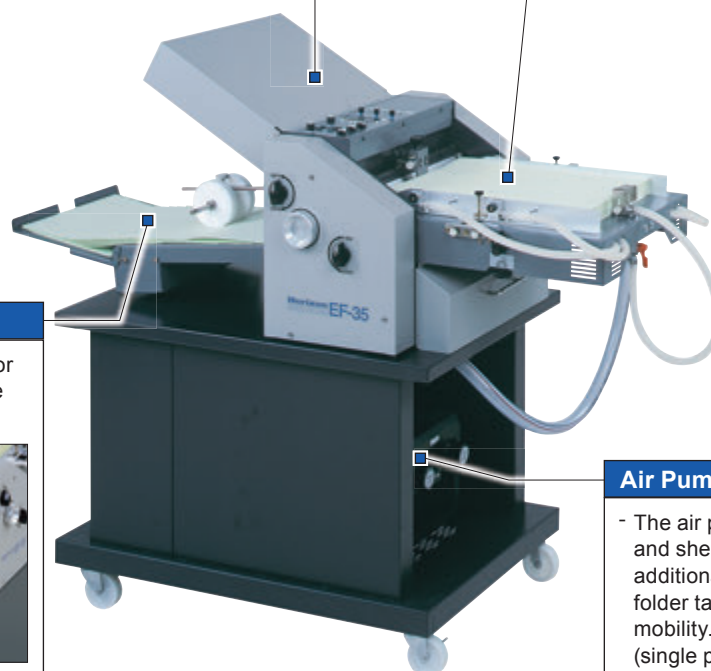
Delivery Section

- The variable-speed delivery conveyor allows a variety of fold patterns to be easily received.



Air Pump Section

- The air pump (1.0 kw) for suction feeding and sheet separation requires no additional space as it is housed in the folder table. For ease of installation and mobility. This pump operates on 115 V (single phase).



EF-354 / EF-354SR

Features

- 4-buckle plates enable you to perform complex folding for direct-mail or unique leaflet.
- Minimum fold length is 20 mm / 0.8".
- The EF-354 features a top-load bottom suction-feed system, allowing you to load sheets while folding for non-stop operation.
- The roller gap shafts employ a simple sheet inserting adjustment system.
- The preset counter for batch counting is provided as standard function.
- Optional standing delivery is prepared for small size stack.

» **The EF-354 4-buckle folder is suitable for direct-mail or leaflet folding.**

Fold Roller Section

- The roller gap shafts employ a simple sheet inserting adjustment system.
- Combination rubber and steel rollers create positive grip and superior sheet feeding.
- The buckle plates are housed in the sound proof cover to minimize operating sound.
- EF-354SR features segmented steel and urethan rubber fold rollers which ensure the accurate and consistent fold quality.

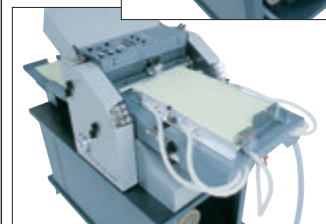
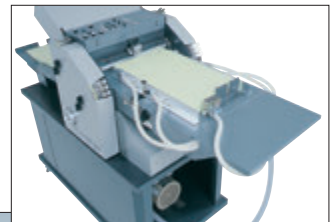


Operation Panel

- The preset stop and preset pause functions for batch counting provide a smooth work flow.

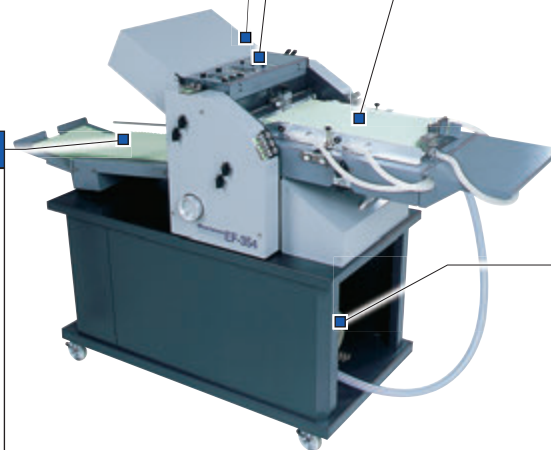
Feeder Section

- The bottom feed suction rotor and gate plate perform reliable sheet feeding.
- The angle and volume of air for pile separation can be adjusted to feed a wide range of stocks.



Delivery Section

- The variable-speed delivery conveyor allows a variety of fold patterns to be easily received.



Air Pump Section

- The air pump requires no additional space as it is housed in the folder table.
- For easy installation and mobility, the pump operates on single phase power.
- The air pump consists of 15m³ compressor for suction feeding and blower motor for sheet separation.

EF-354 Option Units

■ Standing Delivery Unit / ED-354

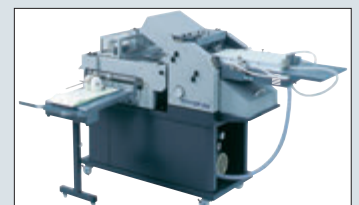
Optional standing delivery (ED-354) is prepared for small size stack. This stacker has batch count (off-set stack) capability.



With off-set stack

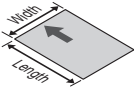
■ Cross Knife Buckle Unit / KTU-35

Optional Cross-Knife Buckle (KTU-35) is suitable for direct mail folding. The KTU-35 is equipped with perforation and scoring function.



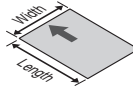
EF-354 + KTU-35 for Cross Fold

EF-35 / EF-35SR Major Specifications

Sheet Size		Width x Length Max. 350 x 650 mm / 13.7" x 25.6" Min. 55 x 70 mm / 2.2" x 2.8"
Sheet Weight Range	47 to 240 gsm	
Buckle Fold Length	40 to 350 mm / 1.6" to 13.7"	
Pile Height	Normal Paper : 40 mm / 1.6" Coated Paper : (EF-35) 20 mm / 0.78" (EF-35SR) 20 mm / 0.8"	
Voltage/Frequency	Single Phase 115 V, 50 / 60 Hz Single Phase 200 to 240 V, 50 / 60 Hz 3-phase 220 V, 60 Hz	
Rated Current	Single Phase 115 V, 50 / 60 Hz, 13 A Single Phase 200 to 240 V, 50 / 60 Hz, 9.2 A 3-phase 220 V, 60 Hz, 8 A	
Machine Dimensions	W1,370 x D590 x H1,150 mm / W54.0" x D23.3" x H45.3" (When the receiving tray is using) (W1,570 mm / 61.9" with extension table)	
Machine Weight	124.5 kg / 274.5 lb	

(SR : Steel & Rubber Folding Roller Version)

EF-354 / EF-354SR Major Specifications

Sheet Size		Width x Length Max. 350 x 650 mm / 13.7" x 25.6" Min. 55 x 70 mm / 2.2" x 2.8"
Sheet Weight Range	47 to 240 gsm	
Buckle Fold Length	20 to 330 mm / 0.8" to 12.9"	
Pile Height	Max. Normal Paper : 40 mm / 1.6" Coated Paper : 20 mm / 0.8"	
Sheet Feeding System	Air suction, air rotor (Feed interval and vacuum time can be adjusted)	
Voltage/Frequency	Single Phase 115 V, 50 / 60 Hz Single Phase 200 to 240 V, 50 / 60 Hz 3-phase 220 V, 60 Hz	
Rated Current	Single Phase 115 V, 50 / 60 Hz, 14 A Single Phase 200 to 240 V, 50 / 60 Hz, 11 A 3-phase 220 V, 60 Hz, 10 A	
Machine Dimensions	W1,460 x D590 x H1,150 mm / W57.5" x D23.3" x H45.3" (when the receiving tray is using) (W1,680 mm / 66.2" with extension table)	
Machine Weight	190 kg / 419 lb	

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

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