

**Horizon**

# PF-40L

Paper Folder

**Handles wide range of paper stock  
with suction rotor feeding.**



# High Quality in a Compact Body!

High performance suction rotor feeding and accurate sheet registration leads to high quality folding.

A4 (8.5" x 11") finish letter fold<sup>\*1</sup> can be folded in the compact body.

\*1: Only letter fold is available when using the sheet which length is 630 mm / 24.80".



Photo: PF-40L + MT-40L (Optional Table)

## Quick and Easy Setup

Simply select sheet size and fold pattern and each section sets-up automatically. The folder is equipped with 2 buckles to meet a variety of folds. Fine-tune adjustment can be done at 0.1 mm for accurate folding.



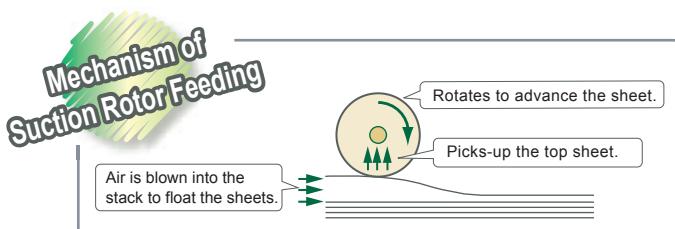
## Simple Operation Panel

User friendly operator console for easy operation and setting. Programming such as pre-set counting and job memory can be set-up for efficient production.



## High Performance Suction Rotor Feeding

Uniquely designed suction rotor feeding is employed to meet high speed production up to 390 sheets per minute, wide range of paper stock can be fed with ease.



### Job memory

Up to 20 jobs can be stored in memory for instant recall, this is especially useful for repeat and complicated jobs.

### Air volume adjustment

Air volume adjustment can be done to feed a wide range of paper stock from 52.3 gsm to 157 gsm.

### Speed adjustment

Selective speed mode is arranged for 5 steps such as high speed mode at 390 sheets per minute and quiet mode for an office environment.

## High Capacity Feeder

High capacity feed table (1,300 sheets of 64 gsm can be loaded) to minimize sheet loading during longer production runs.



## Crisp Tight Fold Quality

Crisp tight fold quality is ensured with uniquely designed combination of soft polyurethane foam rubber and steel rollers. Roller gap can be adjusted with a simple dial to fold thinner to thicker sheets.



## Accurate Sheet Registration

Registration guide ensures accurate sheet transportation and a high quality fold.



## High Capacity Delivery Conveyor

Folded sheets are neatly stacked on the delivery conveyor for easy job handling. Up to 1,000 sheets can be stacked for efficient production.

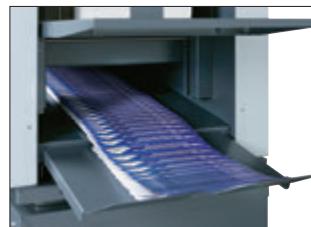


Photo: PF-40L + MT-40L (Optional Table)



Simply place sheets on the table, then select sheet size and desired fold pattern.



Place sheets.



Select sheet size and fold pattern.

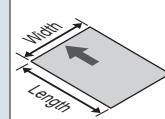


Press the start button.

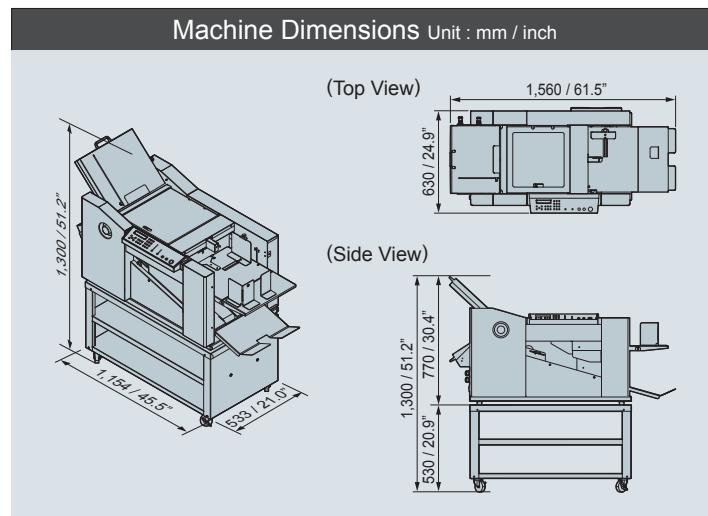


Finish.

## PF-40L Major Specifications

|                      |  |
|----------------------|--|
| Installation Type    | Floor Model  |
| Sheet Feeding System | Air rotor system   |
| Sheet Size           |  <p><b>Width x Length</b><br/>           Max. 320 x 630 mm / 12.59" x 24.80"<br/>           - The fold pattern is limited depending on the sheet length and the stopper adjustable range. For a sheet 430 mm or longer, only sheets of up to 105 gsm can be folded.<br/>           Min. 125 x 128 mm / 4.93" x 5.04"<br/> <br/>           A3 / B4 / A4 / B5 / 11" x 17" / 8.5" x 14" / 8.5" x 11" / 5.5" x 8.5"</p> |
| Sheet Weight Range   | Normal Paper: 52 to 157 gsm<br>Coated Paper: 73 to 157 gsm   |
| Feeder Stack Height  | Max. 105 mm / 4.13"  |
| Fold Patterns        | Single Fold, Double Parallel Fold, Short Fold, Accordion-Fold, Letter Fold, Open Gate Fold   |
| Production Speed     | 270 sheets per minutes (A3 single fold)<br>390 sheets per minutes (A4 single fold)   |
| Voltage/Frequency    | Single Phase 115 to 120 V, 50 / 60 Hz<br>Single Phase 230 V, 50 / 60 Hz  |
| Rated Current        | Single Phase 115 to 120 V, 50 / 60 Hz, 4.8 A<br>Single Phase 230 V, 50 / 60 Hz, 2.2 A  |
| Machine Dimensions   | PF-40L: W1,560 x D630 x H770 mm / W61.5" x D24.8" x H30.4"<br>MT-40L: W1,154 x D533 x H530 mm / W45.5" x D21.0" x H20.9"   |
| Machine Weight       | PF-40L: 135 kg / 297.7 lb<br>MT-40L: 28 kg / 61.8 lb   |

## Machine Dimensions Unit : mm / inch



## A wide range of folders are available

PF-39 : Tabletop Folder



PF-40L : Suction Rotor Feeding Paper Folder



AF-406F/S : Suction Rotor Feeding Buckle Folder



## Major Specifications

|                                     | PF-39   | PF-40L   | AF-406F/S   |
|-------------------------------------|---|--|---|
| Sheet Feeding System                | Friction system   | Air rotor system   | Air Suction Rotor & Suction Head  |
| Sheet Size (Width x Length)         | Max. 365 x 610 mm / 14.37" x 24.01"<br>Min. 90 x 128 mm / 3.55" x 5.04" | Max. 320 x 630 mm / 12.59" x 24.80"<br>Min. 125 x 128 mm / 4.93" x 5.04" | Max. 430 x 660 mm / 16.92" x 25.98"<br>Min. 50 x 100 mm / 1.97" x 3.94" |
| Sheet Weight Range                  | Normal Paper: 52 to 157 gsm   | Normal Paper: 52 to 157 gsm,<br>Coated Paper: 73 to 157 gsm              | Uncoated Paper: 33 to 157 gsm<br>Coated Paper: 73 to 157 gsm            |
| Feeder Stack Height                 | Max. 30 mm / 1.18"  | Max. 105 mm / 4.13"  | Max. 500 mm / 19.68"  |
| Production Speed                    | 350 sheets per minute (A4 -Single Fold)                                 | 390 sheets per minutes (A4 single fold)                                  | Suction Head 30,000 cycles per hour                                     |
| Folding Stopper Position Adjustment | Manually adjusted by LED indication for folding position                | Automated  | Automated   |

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

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