Horizon

AFV-56 / TV-56

Folder

Fully Automated Folder brings your operation to a new level of efficiency

Increased productivity with the highest level of automation!

Features

1. **Automatic Setup** – Icon based touchscreen enables intuitive setup and operation.

2. **Advanced automation** – Increased automation and faster automated settings reduces setup time for accurate folding quality with quicker turn around.

3. **High Quality and Productivity** – Uniquely designed buckle plate and folding mechanisms ensures consistent accuracy of folding quality and durability.

4. **Flexible** – Selection of buckle plate and fold roller composition are available to meet a wider variety of folding needs.

Details

▶ Buckle Plate

Uniquely designed buckle plate enables improved folding accuracy and consistency for wider range of substrates even for thinner sheets. Optional dynamic folding plate is available for folding pattern change on-the-fly while system is running.

▶ Suction Head

Newly designed suction head and feeding system enables easy setup and consistent feeding.

▶ Scoring Navigator

The scoring position can be adjusted in 0.1 mm increments with the scoring navigator. The position can be saved in a job memory for easy recall of repeat jobs.

▶ Right-angle Register Conveyor

Conical rollers are used for sheet registration, quicker setup and accurate transfer to cross-fold.

▶ Automated Register Conveyor

• Newly designed vacuum belt register guide reduces setup and eliminates the need for metal and plastic balls.
• Vacuum level is set automatically according to the sheet thickness, sheet size, and belt speed.

▶ Color Touch Panel

Setup and operation can be done at the touchscreen. The register conveyor, sheet edge guide, register angle, scoring adjusting position, and cross-fold register guide are also included in the automated setup function.

AFV-56 Major Specifications	
Machine Structure	First Station: AFV-566DF (6 buckle plates / Full Auto / Dynamic Fold) Second Station: TV-564F (4 buckle plates / Full Auto)
Sheet Size	**Width x Length** Max. 560 mm x 900 mm / 22.05" x 35.43" Min. 105* mm x 148 mm / 4.13" x 5.83" (*Optional guide is required)
Belt Speed	30 to 270 m per minute
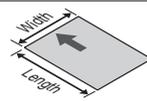
*The machine design and specifications are subject to change without any notice.

Distributed by

HORIZON INTERNATIONAL, INC.