


TECHNICAL PARAMETER :


Model	HD-2800	HD-2800 Ultra	HD-3600
Max sheet :	Width 2800 mm × Length 1200mm	Width 2800 mm × Length 1200mm	Width 3600 mm × Length 1600mm
Min sheet :	Width 830mm × length 300mm	Width 760mm × length 300mm	Width 1160mm × length 400mm
Max stitching speed :	1600 stitches/min	1600 stitches/min	1600 stitches/min
Stiching gap :	40-500mm	40-500mm	40-500mm
Stitching quantity :	1-99	1-99	1-99
Machine net weight :	9.7T	11T	12T
Machine size :	L17000mm × W4100mm × H2200mm	L17000mm × W4100mm × H2300mm	L19000mm × W4400mm × H2800mm
Stitch angle :	45°	45°	45°
Air source :	0.6-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa
Power source :	380VAC/3P, 50Hz	380VAC/3P, 50Hz	380VAC/3P, 50Hz
Power :	≤ 23 KW	≤ 28 KW	≤ 31 KW
Applicable paper :	A, B, C, AB flute, 3ply, 5ply 7ply corrugated paper		
Feeder pressure automatic adjustment :	No	Yes	Yes
Stitch head pressure automatic adjustment :	No	Yes	Yes
Customized small side folding :	No	Yes	Yes
Folding part full servo controlled :	No	Yes	Yes

PRODUCT FEATURES :


- The key feature of the machine is the full computer control, easy operation, stable quality, manpower saving.
- All-in-one machine, separate folder gluer, stitching, folder gluer and stitching. Single stitching, double stitching can be switched freely.
- Job-change around 3-5 mins, with order memory function.
- Suitable for A/B/C/AB flute, 3ply, 5ply, 7ply.
- Automatic paper folding, correction,stitching , gluing, counting and stacking.
- Using swin head with small power consumption, faster speed, more stable, effectively improve the quality of nail box.
- Using the paper correction function to make secondary compensation and correct the positioning, eliminate the scissors mouth.
- The automatic stitch feeding can realize stitch detection and stitch breaking.
- One-key conversion between stitching and gluing function.




National High-Tech Enterprise




Products are qualified by the third-party testing agency




Products are found in more than 53 countries around the world




Chosen by more than 4000 users



Products are CE certified



Environmental Management System Certification



Quality Management System Certification

BRAND INTRODUCTION :



Guangdong Fengchi Printing Machinery Co., Ltd., established in 2009, who is the only manufacturer specializing in single category of **Full Servo High-Speed Flute Laminator and Flip Flop Stacter** all the time. As an expert in the industry, we deliver world-class equipment at competitive price, serving the paper printing and packaging sectors, including **color boxes and corrugated cartons**. We help optimize post-press processes such as over-gluing laminating and stacking, and offer customized solutions to each customer’s needs.

FENGCHI is a technology-driven manufacturer with a strong R&D team, half of whom hold doctoral degrees and bring decades of experience in the printing and packaging industry. We’ve established after-sales offices in **China, Turkey, Europe, Vietnam, India, Malaysia, Korea, and Indonesia**—and we are actively building a global service network. Our reputation is built on professional design, reliable quality, innovative technology, competitive pricing, and exceptional after-sales support.FENGCHI, the China’s top paper laminator manufacturer, the No. 1 turnover (500+ deliveries per year) company in the industry.

To meet more customers expectation and integrate the industrial chain, FENGCHI sub-brand ONEZIM was launched in 2023 with same supply chain and quality level, providing **Automatic Folder Gluer Machine, Automatic Folder Gluer Stitcher, and Automatic Spot UV Coating Machine**.

FENGCHI/ONEZIM, not a follower but a leader. We aim to be the word-class post-press manufacturer.



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HIGH SPEED AUTOMATIC  
FOLDER GLUER  
AND STITCHER

FENGCHI 锋驰

ONEZIM



# FENGCHI

## HD SERIES

### HIGH SPEED AUTOMATIC FOLDER GLUER AND STITCHER

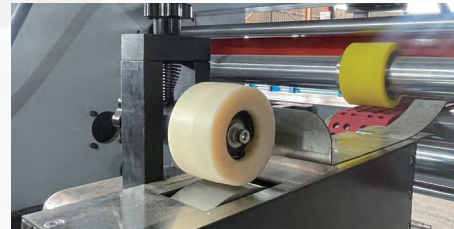
#### MAIN FEATURES :

- FULL-PROCESS INTELLIGENT CONTROL
- MODULAR MULTI-FUNCTIONAL PLATFORM
- ADAPTIVE STITCHING MODES
- RAPID ORDER CHANGEOVER
- FULL CORRUGATION COMPATIBILITY
- SIX-AXIS AUTOMATION LINE
- HIGH-EFFICIENCY STITCHING HEAD
- DUAL-STAGE POSITIONING SYSTEM
- SMART STITCH MONITORING
- SEAMLESS PROCESS SWITCHING



#### ■ Flap Part

- Reciprocating straight line beat correction, high accuracy, stable operation.
- The forward-leaning arched beam is conducive for carton connection and transmission.
- With the sunken belt, greatly strengthen the molding accuracy and smoothness of the carton.



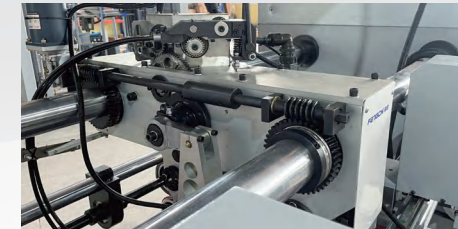
#### ■ Creasing Part

- The independent edge pressing structure effectively solves the problem of thick cardboard blasting in the process of stitching.
- The split transmission shaft can be adjusted separately and tightened to ensure that the belt pressure is consistent, the paper is stable and effectively avoid the shaft phenomenon.



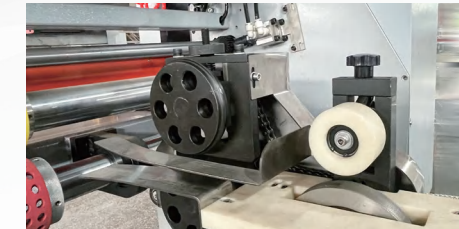
#### ■ Feeding Part

- With the retention frame pneumatic flap, more stable, higher accuracy.
- Siegling high wear-resistance suction belt, can control the air volume, Ensure complete paper adsorption, ensure stable paper transmission, accurate positioning.
- Split air suction unit, effectively reduce the after-sales maintenance cost and time.



#### ■ Stitching Part

- The swing stitching head ensures low power consumption, faster speed, and greater stability, enhancing nail box quality.
- Integrated design guarantees precise distance control, while simplifying installation, maintenance, and operation.
- Customized alloy material ensures the blade withstands 6 million cycles wear-free.
- Seven-series aluminum alloy exhibits superior heat dissipation and mechanical properties compared to standard materials.



#### ■ Creasing Part

- The patented design with active line pressing device to ensure the stability, good forming effect and smooth packing.



#### ■ Folding Part

- Adopts synchronous belt drive to avoid the phenomenon of cold start skid and ensure the smooth transmission of paper.
- Reinforced four-axis transmission to ensure that the machine operation, transportation process is stable, no deformation.