

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.



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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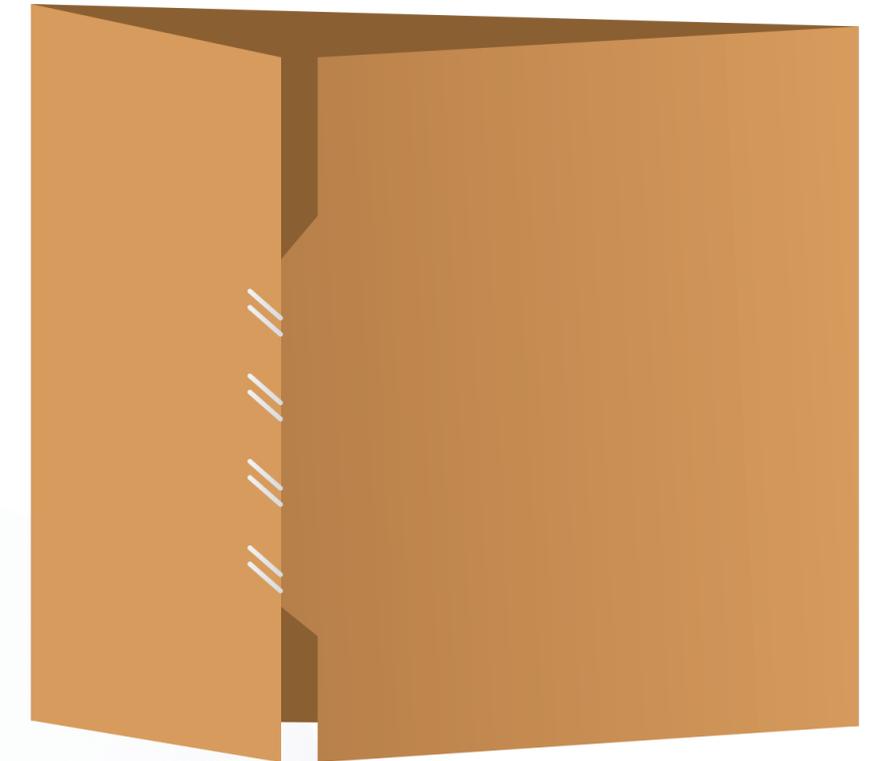
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HIGH SPEED AUTOMATIC
FOLDER GLUER
AND STITCHER

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ONEZIM

FEDGCHI

HD SERIES

HIGH SPEED AUTOMATIC FOLDER GLUER AND STITCHER

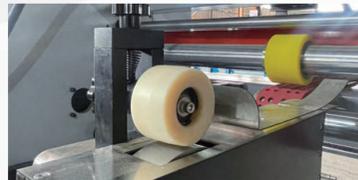
MAIN FEATURES :

- 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.