

# HD SERIES

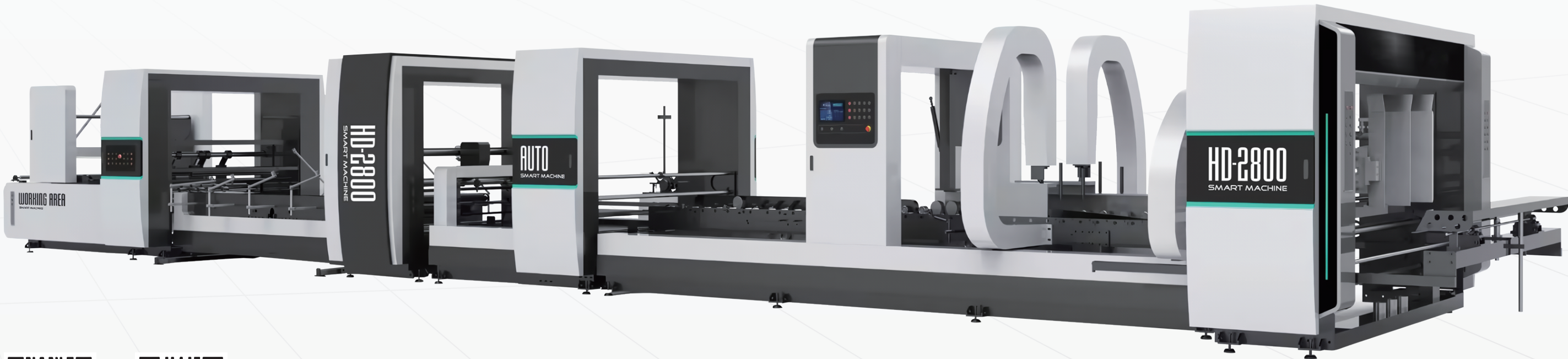
## HIGH SPEED AUTOMATIC FOLDER GLUER AND STITCHER

MAIN FEATURES :

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

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		
Automatic feeder pressure adjustment :	No	Yes	Yes
Automatic stitching head pressure adjustment :	No	Yes	Yes
Customized small side folding :	No	Yes	Yes
Folding part full servo control :	No	Yes	Yes



Follow our Tiktok



Follow our WhatsApp

TEL: +86 133 1668 2162  
Web: [www.laminatorfc.com](http://www.laminatorfc.com)  
Email: [info@laminatorfc.com](mailto:info@laminatorfc.com)

GUANGDONG FENGCHI PRINTING MACHINERY CO.,LTD.  
Add: No. 1, Shangzhong Road, Liaobu Town, Dongguan City,  
Guangdong Province, 523422, China

## PRODUCT FEATURES :

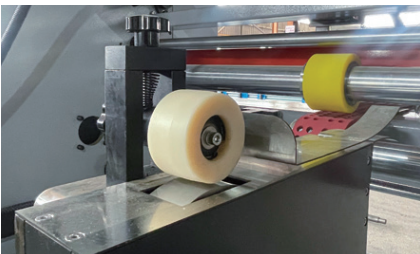
- The key feature of the machine is full computer control, easy operation, stable quality, high speed to achieve economic benefits, labor cost saving.
- This is an all-in-one machine, separately it can do folding gluing, stitching, or folding gluing and stitching. Single stitching and double stitching can be easily switched.
- Job-change can be done in 3-5 minutes for mass production. (Order memorizing function included)
- Suitable for A/B/C/AB flute, 3ply, 5ply, 7ply corrugated paper.
- Automatic paper folding, correcting, stitching, gluing, counting and stacking.
- Use swinging head, small power consumption, faster speed, more stability, effectively improve the quality of the stitching box.
- Use the paper correction device to make secondary compensation and correct the positioning mistake, eliminate the unaligned part to perfectly stitch the box.
- The automatic stitch feeding can realize stitch detection and stitch breaking.
- One-key conversion between stitching and gluing function.

## PRODUCT HIGHLIGHTS :



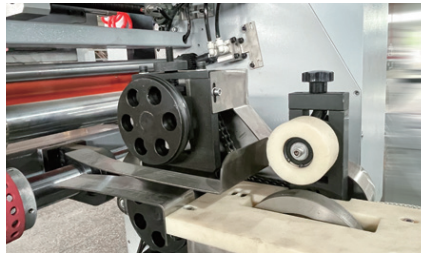
### ■ Feeding Part

- 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 reduces the after-sales maintenance cost and time.



### ■ Pressing 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.



### ■ Creasing Part

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



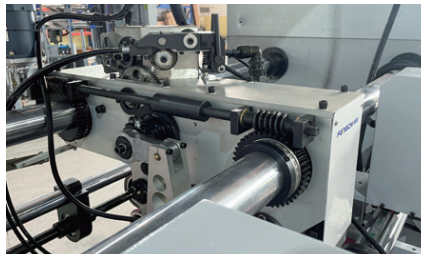
### ■ Folding Part

- 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.



### ■ Flap Part

- Reciprocating straight line beat correction, high accuracy, stable operation.
- The forward-leaning arched beam is conducive to carton connection and transmission.
- Sunken belt design greatly strengthens the molding accuracy and smoothness of the carton.



### ■ 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.