YLQ 永利奇®

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**Tianjin Yongliqi Paper Machinery Co., Ltd.**

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**Intelligent China Linked to the World**

# Company Profile


Tianjin Yongliqi Paper Machinery Co., Ltd. was founded in 2004 in Dongguan, Guangdong Province. It is currently located in Jinghai Economic and Technological Development Zone, Tianjin. With a professional team dedicated to research and development as well as after-sales service, the company is committed to the research, development, and manufacturing of digital intelligent high-end printing equipment. After more than a decade of technological innovation and development, the company's products have been continuously updated and have emerged as a prominent player in the industry.

The company has established an international sales and service network, with products selling well across China and exporting to Europe, the Americas, the Middle East, Southeast Asia, Africa, and other regions, connecting the world with premium corrugated equipment.

In 2017, our company established a strategic partnership with "Sechang Machinery" from South Korea, achieving complementary technology and production capabilities. Through technology sharing with Sechang Machinery, we continuously optimize and improve our products, introducing new innovations, and providing contract manufacturing services for them.

Sechang Machinery, formerly known as SEGI MACHINE, was founded in 1962. The first two-color printing press was introduced in January 1972, and in October 1972, the company changed its name to "Sechang Machine." The first inline machine was introduced in 1988, followed by the first glued-stitch inline machine in 2012, and the first two-in-one inline machine in 2017. The collaboration between Sechang Machinery and Yongliqi represents the beginning of a new era for Sechang Machinery, signifying that the era of empowering the Chinese high-end corrugated printing market with world-class corrugated printing machinery manufacturing technology has arrived

Yongliqi has always adhered to the mentality of "always benefiting others" and provided competitive corrugated printing solutions and services. We continuously create optimal value for customers and strive to build an industry legend. We are committed to being pragmatic and realistic, relying on what we see. We vow to become the industry leader and have been working hard towards that goal.

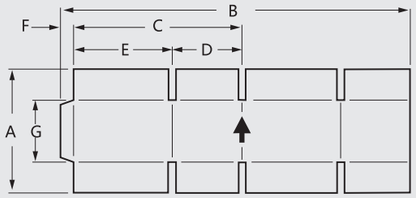


# YGF Printer with Inline FFG Machine



## Machine Features

Stability: Korean technology with 35 years of proven market validation.
Efficiency: One-click job change, integrated gluing and stitching, dual-purpose machine.
Intelligence: Provides a large amount of real-time data analysis.
Real-time monitoring of equipment production status.
Collection of real-time data for analysis.
Intelligent maintenance reminders and remote maintenance.




## Main Specifications

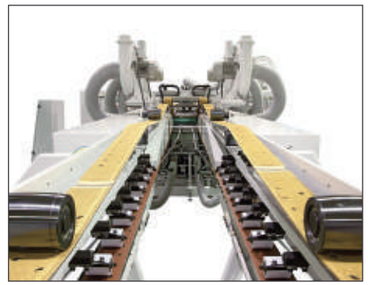
| Model | YGF-920 | YGF-924 | YGF-1224 | YGF-1228 |
|---|---|---|---|---|
| A Min (mm) | 280 | 280 | 320 | 320 |
| A Max (mm) | 900 | 900 | 1200 | 1200 |
| SKIP FEED (mm) | 1200 | 1200 | 1500 | 1500 |
| B Min (mm) | 600 | 600 | 640 | 640 |
| B Max (mm) | 2000 | 2400 | 2400 | 2800 |
| C Min (mm) | 300 | 300 | 320 | 320 |
| C Max (mm) | 1000 | 1200 | 1200 | 1400 |
| D Min (Standard/Reverse:mm) | 150/60 | 150/60 | 150/60 | 150/60 |
| E Min (Standard/Reverse:mm) | 150/240 | 150/240 | 150/240 | 150/240 |
| D+E Min (Standard/Reverse:mm) | 300/300 | 300/300 | 300/300 | 300/300 |
| F (mm) | ≤50 | | | |
| G Min (mm) | 80 | 80 | 80 | 80 |
| Max Printing Area (mm) | 900×1950 | 900×2350 | 1200×2350 | 1200×2750 |
| Min Inline Folding Size (mm) | 160×160×160×160 | | | |
| Bundle Height (mm) | 100-300 | | | |

## Independent Waste Removal Section

- Independent pre-linkage waste removal and dust removal.
- Belt paper feeding.
- Vacuum dust removal + high-speed air blow dust removal, both working simultaneously, effectively removing paper scraps and dust with an efficiency of over 95%.

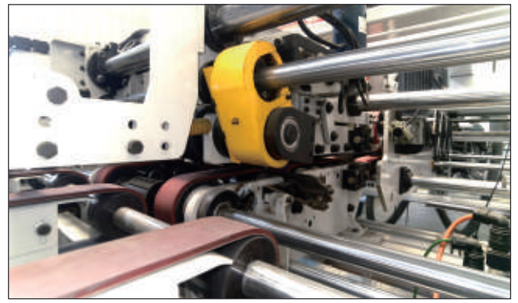
## Folding and Gluing

- Patented dual-fan wind recovery system for more stable board transfer.
- Independent belt tension control for easy adjustment.
- Independent servo motor belt adjustment drive to ensure the quality of box formation.
- Unique wind wall dust removal system.
- Non-contact temperature-controlled gluing system to avoid fish tailing caused by contact with the board during high-speed folding.
- (Optional belt heating system)



## Stitching Unit

- Maximum speed: 7,200 sheets/hour



## Counting and Ejecting Unit

- Top to bottom counter ejector, completing counting and stacking in one go, high-speed and efficient.

# YGD Fix Type Printer with Inline FFG Machine




## Machine Features

Stability: Korean technology with 35 years of proven market validation.
Efficiency: Maximum speed of 350-400 boxes per minute, quick job change within 2-3 minutes.
Intelligence: One-click startup, non-stop order change
Real-time monitoring of equipment production status.
Collection of real-time data for analysis.
Intelligent maintenance reminders and remote maintenance.

## Independent Waste Removal Section

- Independent pre-linkage waste removal and dust removal.
- Belt paper feeding.
- Vacuum dust removal + high-speed air blow dust removal, both working simultaneously, effectively remov ing paper scraps and dust with an efficiency of over 95%.





## Folding and Gluing Unit

- Patented dual-fan wind recovery system for more stable board transfer.
- Independent belt tension control for easy adjustment.
- Independent servo motor belt adjustment drive to ensure the quality of box formation.
- Unique wind wall dust removal system.
- Non-contact temperature-controlled gluing system to avoid fish tailing caused by contact with the board during high-speed folding.
- (Optional belt heating system)

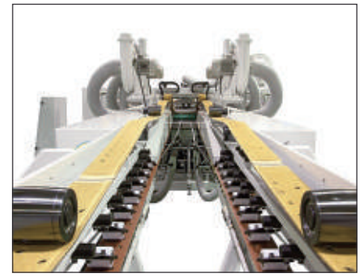
| | |
|---|---|
| Inline Min Folding Size（mm） | 160×160×160×160 |
| Bundle Height（mm） | 100-300 |

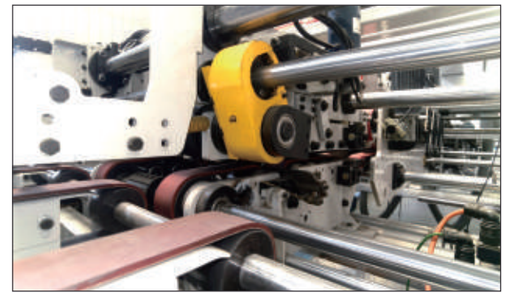
## Stitching Unit

- Maximum speed: 7,200 sheets/hour

## Counting and Ejecting Unit

- Top to bottom counter ejector, completing counting and stacking in one go, high-speed and efficient.





# YGFQ HD Printing and Varnishing Die-Cutting Machine

## Machine Features

Each unit of the machine can be automatically or independently separated, making operation more convenient. Continuous ringing alerts during movement ensure the safety of operators. It adopts a vacuum suction delivery device. The color registration of the printing unit is controlled by servo, and optional infrared (IR) or ultraviolet (UV) drying devices can be equipped to achieve high-quality printing.
Efficient: Order storage, multi-function machine.
Intelligent: Intelligent computerized control, remote maintenance.
Economical: Ink-saving system, frequency conversion segmented vacuum suction, segmented drying.

## Main Specifications

| Model | YGFQ-920 | YGFQ-1220 | YGFQ-1224 | YGFQ-1624 | YGFQ-1628 |
|---|---|---|---|---|---|
| Max.design speed (pcs/min) | 350 | 300 | 300 | 200 | 180 |
| Production speed for coated paper (pcs/min) | 100-200 | 100-200 | 100-200 | 80-150 | 80-150 |
| Production speed for normal paper (pcs/min) | 120-250 | 120-250 | 120-250 | 100-200 | 100-200 |
| Max.feeding size（mm） | 900x2000 | 1200x2000 | 1200x2400 | 1600x2400 | 1600x2800 |
| Min.feeding size（mm） | 280×600 | 320×600 | 320×600 | 450×600 | 450×600 |
| Max.printing area（mm） | 900×1950 | 1200×1950 | 1200×2350 | 1600×2350 | 1600×2750 |
| Skip feeding（mm） | 1200×1200 | 1500×2000 | 1500×2400 | 1900×2400 | 1900×2800 |

Due to technological requirements, product specifications may change or minor improvements may be made to the mechanical structure. All technical parameters and performance descriptions are subject to the provisions of the contract and are not subject to separate notice.



## Feeding Unit

- Servo non-pressure feeding (optional).
- Multiple fans, multiple brush rows, static electricity removal.
- (Optional independent dust removal unit).

## Printing Unit

- Fully vacuum suction transmission, boat-shaped design for stronger suction and high registration accuracy.
- Independent servo control of printing phase.
- Machine equipped with plate correction function for convenient and accurate operation.
- Ink recycling device to save 10%-15% ink.
- (Optional carbon fiber doctor blade ink supply system).

## Drying Unit

- Infrared (IR) drying system, segmented, and automatically adjusted according to the size of the board.
- Paper jam sensing protection device for safer operation.
- (Optional ultraviolet (UV) drying system).

## Varnishing Unit

- Water-based varnish can be optionally used for a wider range of applications.

## Dwelling Unit

- Built-in hot air drying to ensure drying effect.
- Extended drying section to ensure complete drying of the board before die-cutting.

## Die-Cutting Unit

- 40mm anvil roller with mechanical reversing and lateral shifting structure.
- Independent motor-driven servo compensation for anvil roller, controlling its speed with a compensation range of ±3.5mm.
- Micro-suction system for the anvil roller to maintain a flat surface.
- (Optional independent servo drive).
- (Optional computerized/manual die-cutting with slotting attachment.

# YGFG Fixed Type Vacuum Transfer Printing Slotting Die-Cutting Machine


## Machine Features

The entire machine adopts advanced international design concepts, certified with ISO9001 quality management system and European CE certification. It is manufactured according to European and American manufacturing standards, designed and manufactured with high requirements for reliability, functionality, and safety.
Each unit is a fixed unit, equipped with a vacuum suction delivery device. The color registration of the printing unit is adjusted using servo control. It features automatic zero reset and automatic reset. (Can start normal production with just one cardboard).
The machine is equipped with a touch screen PLC control system, optional full-servo non-stop job change, ink change, and can store and recall previously completed order data. Quick job change and convenient operation.
Equipment faults can be detected remotely through the network for fast troubleshooting.

## Main Specifications

| Model | YGFG-920 | YGFG-924 | YGFG-1224 | YGFG-1228 |
|---|---|---|---|---|
| Max.feeding size（mm） | 900×2000 | 900×2400 | 1200×2400 | 1200×2800 |
| Min.feeding size（mm） | 280×600 | 280×600 | 320×600 | 320×600 |
| Max.printing area（mm） | 900×1950 | 900×2350 | 1200×2350 | 1200×2750 |
| Skip feeding（mm） | 1200×2000 | 1200×2400 | 1500×2400 | 1500×2800 |
| Min.slotting size（Standard:mm） | 150×150×150×150 | | | |
| Min.slotting size（Reverse:mm） | 240×60×240×60 | | | |
| Max.slotting depth（mm） | 260 | 260 | 390 | 390 |

Due to technological requirements, product specifications may change or minor improvements may be made to the mechanical structure. All technical parameters and performance descriptions are subject to the provisions of the contract and are not subject to separate notice.



## Feeding Unit

- Servo non-pressure (optional).
- Variable frequency vacuum suction.
- Non-damaging paper feeding with multiple dust removal mechanisms.

## Printing Unit

- Ink-saving and fast cleaning system.
- Servo control of phase adjustment, one-button adjustment.
- (Optional electric lock plate).
- (Optional carbon fiber doctor blade ink supply system).

## Slotting Unit

- 8 shaft design, patented suspended creasing system to help improve carton formation.
- Automatic dust removal design to prevent blade jamming and improve slotting accuracy.
- Software protection system to extend the life of the knifes.
- Elastic cutting angle knife structure to reduce wear of the angle knife.
- (Optional independent creasing unit).
- (Optional double shaft slotting).

## Die-Cutting Unit

- 40mm anvil roller with mechanical reversing and lateral shifting structure.
- Independent motor-driven servo compensation for anvil roller, controlling its speed with a compensation range of ±3.5mm.
- Micro-suction system for the anvil roller to maintain a flat surface.
- (Optional independent servo drive).
- (Optional computerized/manual die-cutting with slotting attachment)

# YGFY Vacuum Transfer Printing Slotting Die-Cutting Machine


## Machine Features

The entire machine adopts advanced international design concepts, certified with ISO9001 quality management system and European CE certification. It is manufactured according to European and American manufacturing standards, designed and manufactured with high requirements for reliability, functionality, and safety.
Each unit of the machine can be automatically or independently separated, making operation more convenient.
Continuous ringing alerts ensure the safety of the operators. It is equipped with a vacuum suction delivery device, and the color registration of the printing unit is adjusted using servo control. (Can start normal production with just one board).
It can complete double-sided printing in one pass.(Top and bottom print in one machine)

## Main Specifications

| Model | YGFY-618 | YGFY-920 | YGFY-1224 | YGFY-1628 | YGFY-1632 |
|---|---|---|---|---|---|
| Max.design speed (pcs/min) | 400 | 350 | 300 | 200 | 180 |
| Max.feeding size（mm） | 600x1800 | 900x2000 | 1200x2400 | 1600x2800 | 1600x3200 |
| Min.feeding size（mm） | 200×500 | 280×600 | 320×600 | 450×600 | 450×600 |
| Max.printing area（mm） | 600×1750 | 900×1950 | 1200×2350 | 1600×2750 | 1600x3150 |
| Skip feeding（mm） | 900×1800 | 1200×2000 | 1500×2400 | 1900x2800 | 1900x3200 |
| Standard plate thickness（mm） | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| Min. slotting size（Standard:mm） | 120×120×120×120 | 160×160×160×160 | 160×160×160×160 | 160×160×160×160 | 160×160×160×160 |
| Min.slotting size（Reverse:mm） | 120×40×120×40 | 240×60×240×60 | 240×60×240×60 | 240×60×240×60 | 240×60×240×60 |
| Max.slotting depth（mm） | 177 | 260 | 390 | 450 | 450 |

## Feeding Unit

- Servo non-pressure feeding(optional).
- Variable frequency vacuum suction.
- Multiple dust removal system

Due to technological requirements, product specifications may change or minor improvements may be made to the mechanical structure. All technical parameters and performance descriptions are subject to the provisions of the contract and are not subject to separate notice.



## Printing Unit

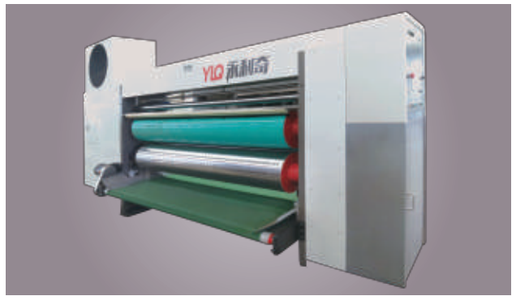
- Ink-saving and fast cleaning system.
- Servo control of phase adjustment, one-key operation.
- (Optional automatic lock plate).
- (Optional carbon fiber doctor blade ink supply system).

## Slotting Unit

- 8 shaft design, patented suspended creasing system to help improve carton formation.
- Automatic dust removal design to prevent blade jamming and improve slotting accuracy.
- Software protection system to extend the life of the knifes.
- Elastic cutting angle knife structure to reduce wear of the angle knife.
- (Optional independent creasing unit).
- (Optional double shaft slotting).

## Die-Cutting Unit

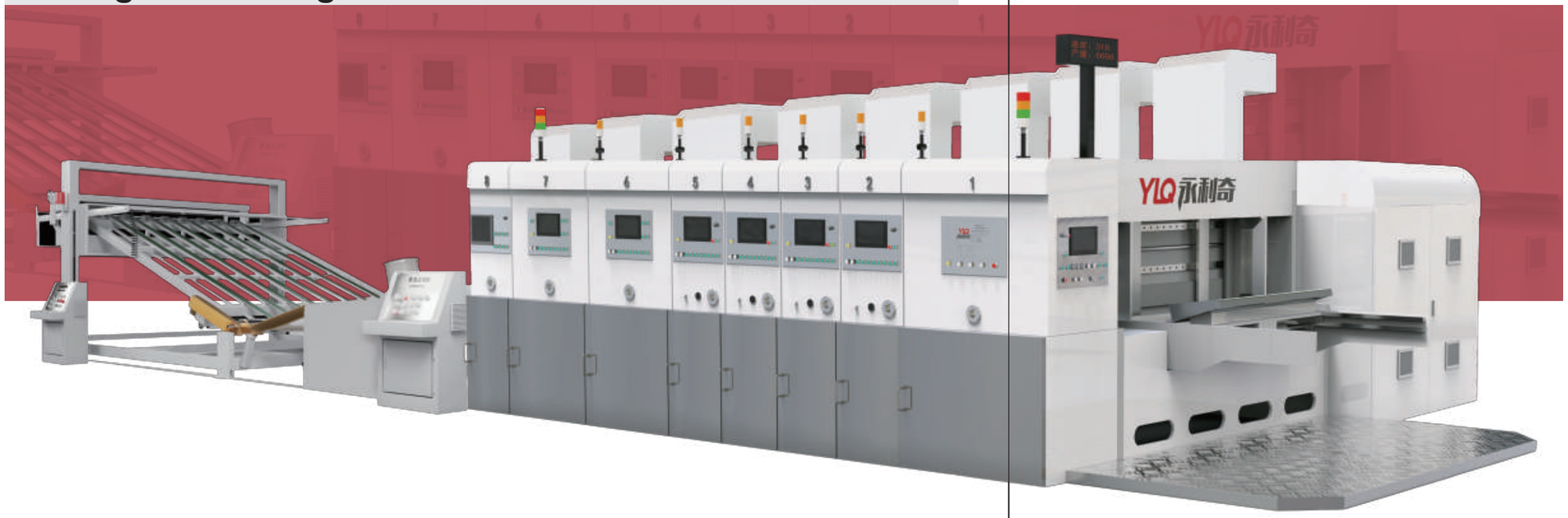
- 40mm anvil roller with mechanical reversing and lateral shifting structure.
- Independent motor-driven servo compensation for anvil roller, controlling its speed with a compensation range of ±3.5mm.
- Micro-suction system for the anvil roller to maintain a flat surface.
- (Optional independent servo drive).
- (Optional computerizedmanual die-cutting with slotting attachment)




## Integrated Die-Cutting and Slotting Unit (optional)

- Computer adjustment, die-cutting with slotting attachment.

# YG Fully Computerized High-Speed Printing Slotting Die-Cutting Machine




## Machine Features

Independent computer control panel for convenient operation. It can store commonly used orders, making order changeovers quick and easy. It has automatic zeroing and resetting functions. (Can start normal production with just one cardboard).

The gaps between the transfer rollers and the pressure rollers are adjusted using servo motors.

## Main Specifications

| Model | YG-618 | YG-920 | YG-1224 | YG-1628 |
|---|---|---|---|---|
| Max.design speed (pcs/min) | 400 | 300 | 250 | 180 |
| Max.feeding size（mm） | 600x1800 | 900x2000 | 1200x2400 | 1600x2800 |
| Min.feeding size（mm） | 200×500 | 280×600 | 320×600 | 450×600 |
| Max.printing area（mm） | 600×1750 | 900×1950 | 1200×2350 | 1600×2750 |
| Skip feeding（mm） | 900×1800 | 1200×2000 | 1500×2400 | 1900×2800 |
| Min.slotting size（Standard:mm） | 120×120×120×120 | 160×160×160×160 | 160×160×160×160 | 160×160×160×160 |
| Min.slotting size（Reverse:mm） | 120×40×120×40 | 240×60×240×60 | 240×60×240×60 | 240×60×240×60 |
| Max.slotting depth（mm） | 177 | 260 | 390 | 450 |

## Feeding Unit

- Can perform continuous or skip feeding
- Ceramic feeding rollers with strong adhesion to the card board, reducing pressure on the cardboard and extending their lifespan.
- Multiple fans, rows of brushes, and static elimination for effective dust removal.
- (Optional servo non-pressure feeding).






## Printing Unit

- Servo motor adjustment for transfer rollers, pressure rollers, lateral movement, and phase, ensuring precision and high speed.
- Automatic cleaning and ink recovery device to save 10%-15% of ink.
- (Optional doctor blade).

## Slotting Unit (optional independent creasing unit)

- 6-shaft slotting, including one set of pre-pressing and one set of creasing. Special designed creasing wheel helps improve carton formation.
- Automatic dust removal design to prevent blade jamming and improve slotting accuracy.

## Die-Cutting Unit

- 40mm anvil roller with mechanical reversing and lateral shifting structure.
- Independent motor-driven servo compensation for anvil roller, controlling its speed with a compensation range of ±3.5mm.
- Micro-suction system for the anvil roller to maintain a flat surface.
- (Optional independent servo drive).


## Integrated Die-Cutting and Slotting Unit (optional)

- Computer adjustment, die-cutting with slotting attachment.

# YJ-Jumbo Printing Slotting Die Cutting Machine


## Machine Features

- One-button adjustment, automatic zero reset, and automatic reset feature enable convenient operation. The machine can start production with just test of one board.
- It has the capability to store frequently used orders, reducing the time required for job changeovers and improving operational efficiency.
- Designed to handle three-layer A-flute corrugated cardboard, with a board thickness range of 15-16mm.

## Main Specifications

| Model | YJ-2232 | YJ-2236 | YJ-2245 | YJ-2253 | YJ-2540 | YJ-2545 | YJ-2553 |
|---|---|---|---|---|---|---|---|
| Max.design speed (pcs/min) | 180 | 150 | 120 | 100 | 100 | 90 | 90 |
| Max.feeding size (mm) | 2200×3200 | 2200×3600 | 2200×4500 | 2200×5300 | 2500×4000 | 2500×4500 | 2500×5300 |
| Min.feeding size (mm) | 560×800 | 560×800 | 560×800 | 560×800 | 600×900 | 600×900 | 600×900 |
| Max.printing area (mm) | 2200×3150 | 2200×3550 | 2200×4450 | 2200×5250 | 2500×3950 | 2500×4450 | 2500×5250 |
| Skip feeding (mm) | 2500×3200 | 2500×3600 | 2500×4500 | 2500×5300 | 2800×4000 | 2800×4500 | 2800×5300 |
| Min.Slotting size (Reverse:mm) | 370×110×370×110 | 370×110×370×110 | 370×110×370×110 | 370×110×370×110 | 370×110×370×110 | 370×110×370×110 | 370×110×370×110 |
| Max.slotting depth (mm) | 725 | 725 | 725 | 725 | 850 | 850 | 850 |
| Max board thickness (mm) | 15 | 15 | 15 | 15 | 15 | 15 | 15 |

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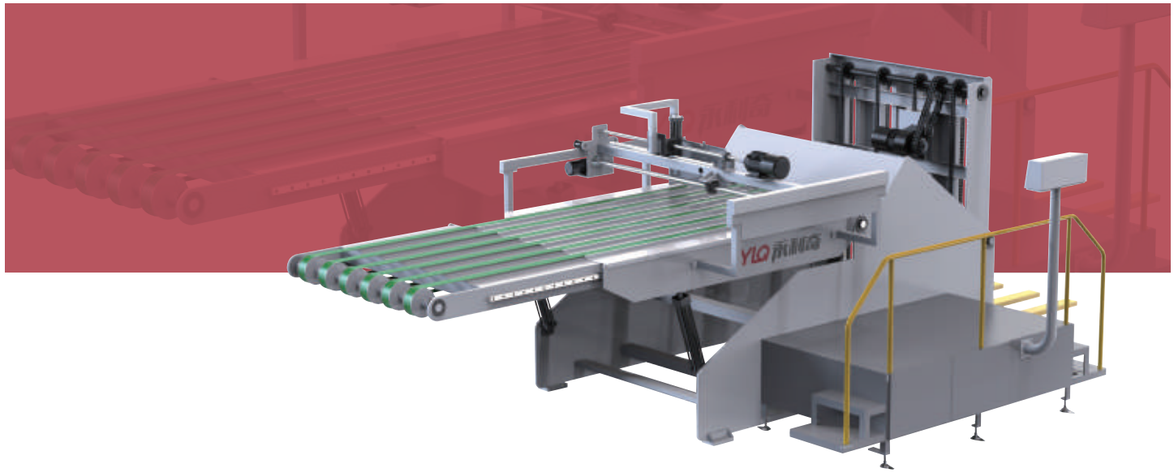
# YS Series Fully Auto/ Semi Auto Pre-feeder



## Main Specifications

| Model | 2000 | 2400 | 3200 | 3600 |
|---|---|---|---|---|
| Board stack height | 1800 mm | 1800 mm | 1800 mm | 1800 mm |
| Max board weight | 2000 Kg | 2000 Kg | 2000 Kg | 2000 Kg |
| Max speed (pcs/min) | 350 | 300 | 200 | 180 |
| Max board length | 2000 | 2400 | 3200 | 3600 |

Machine incorporates a mature hydraulic system that ensures safety, stability, and durability.
It effectively reduces the need for manual labor and includes a last-sheet removal function.





# YSP Pre-feeder for Flatbed Die-cutter


## Main Specifications

| Model | 1700 | 1300 |
|---|---|---|
| Max Board Size | 1700mm×1260mm | 1500mm×1100mm |
| Min Board Size | 650mm×450mm | 550mm×450mm |
| Max Weight | 1500 kg | 1500 kg |
| Max stack height | 1800 mm | 1800 mm |
| Arm adjust angel | -5° From 8° | -5° From 8° |



Due to technological requirements, product specifications may change or minor improvements may be made to the mechanical structure. All technical parameters and performance descriptions are subject to the provisions of the contract and are not subject to separate notice.