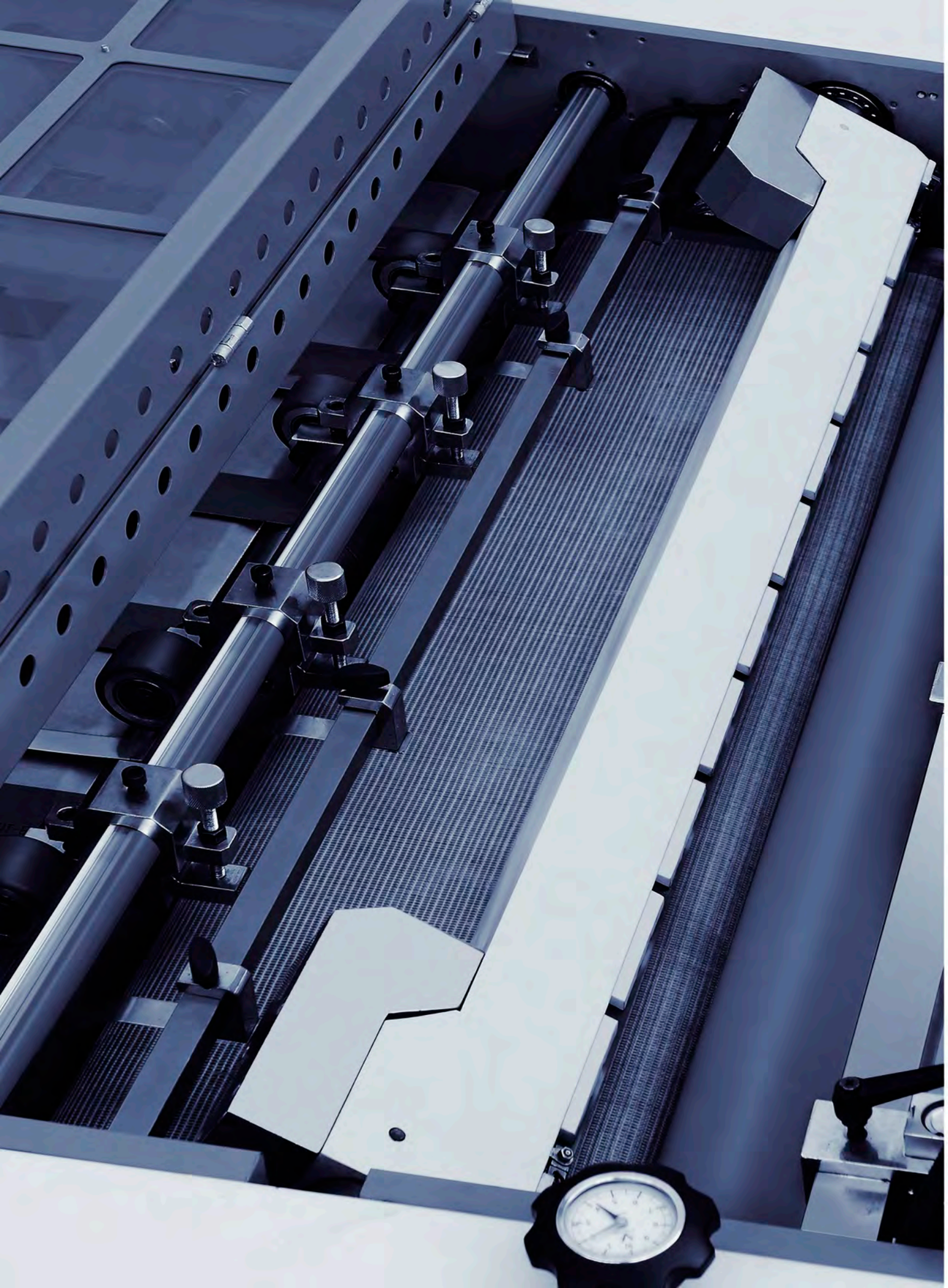
Laminators

ROYO MACHINERY

ROYO MACHINERY



The Most Reliable Brand of Laminator In The World

Products Series	On Demand Laminator Series	Commercial Laminator Series	Packaging Laminator Series
	S	M	L

ROYO MACHINERY

G

G Series High Platform Smart laminator

SW-1050GL

High Speed Automatic Chain Cutter Laminator

SW-1050L

Fully Automatic Chain Cutter Laminator

SW-1050G

Fully Automatic High-speed Laminator

SW-1200G

Fully Automatic High-speed Laminator

SWAFM-1050

Fully Automatic Laminator

SW-820

Fully Automatic Laminator

SW-1050B

Fully Automatic Double Side Laminator

SAFM-800B

Fully Automatic Double Side Laminator

SW-560

Fully Automatic Laminator

SW-1050T

Fully Automatic Hot Knife Laminator

SAFM-800A

Fully Automatic Laminator

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G Series High Platform Smart laminator

G

Maximum Sheet Size

1050×820mm
1050×1250mm
1200×1450mm
1200×1650mm

90 ±1℃

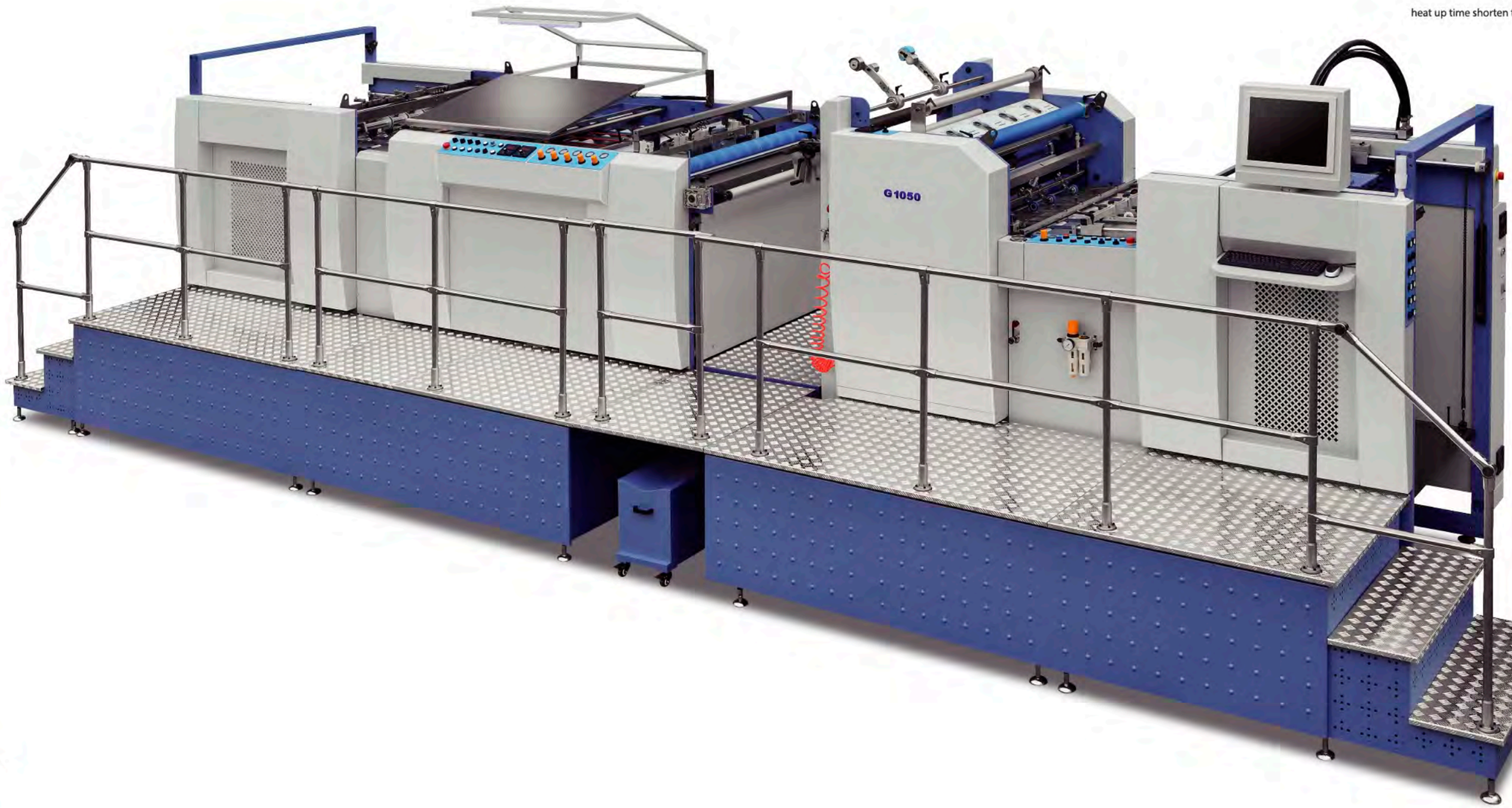
Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1℃

120

Speed Determines Efficiency

Max. speed 120 meter/min
Maximize output and profits for user.



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Double Trolley Automatic Film Lifting Device

This device is application for film exchanging. Just loading the film at the shaft, then press the button, the film will be lifted automatically. It also has the function of position and tension adjustment.

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Features

G series high platform smart laminator is one kind of high level and high smart laminating machine, having the features of date storage management,production data programming and remote moniting etc.This series can meet different requirments of clients.

Configuration(At page 49)		
Auto Feeder	Side lay regulator	Electromagnetic Heater
automatic film lifting device	Human-computer interface	Finished products inspected platform
Anti-curvature Device	Corrugated Delivery	High Speed Automatic Stacker

Specifications				
Model No.	G-820	G-1050	G-1200	G-1200
Max Paper Size	1050x820mm	1050X1250mm	1200X1450mm	1200X1650mm
Min Paper Size	350X350mm	390X450mm	390X450mm	390X450mm
Paper Thickness	100-500 g/m²	100-500 g/m²	100-500 g/m²	100-500 g/m²
Laminating Speed	0-100 m/min	0-120 m/min	0-120 m/min	0-120 m/min
Power	380V	380V	380V	380V
Temperature	80-110℃	80-110℃	80-110℃	80-110℃
Gross Power	30kw	33kw	33kw	33kw
Weight	7000 kg	8000 kg	9000 kg	9500 kg
Overall Dimensions	8530X2620X2400mm	10200X2620X2400mm	11200X2820X2400mm	12000X2820X2400mm
Pre-stacker	1850mm	1850mm	1850mm	1850mm

SW-1050GL

High Speed Automatic Chain Cutter Laminator

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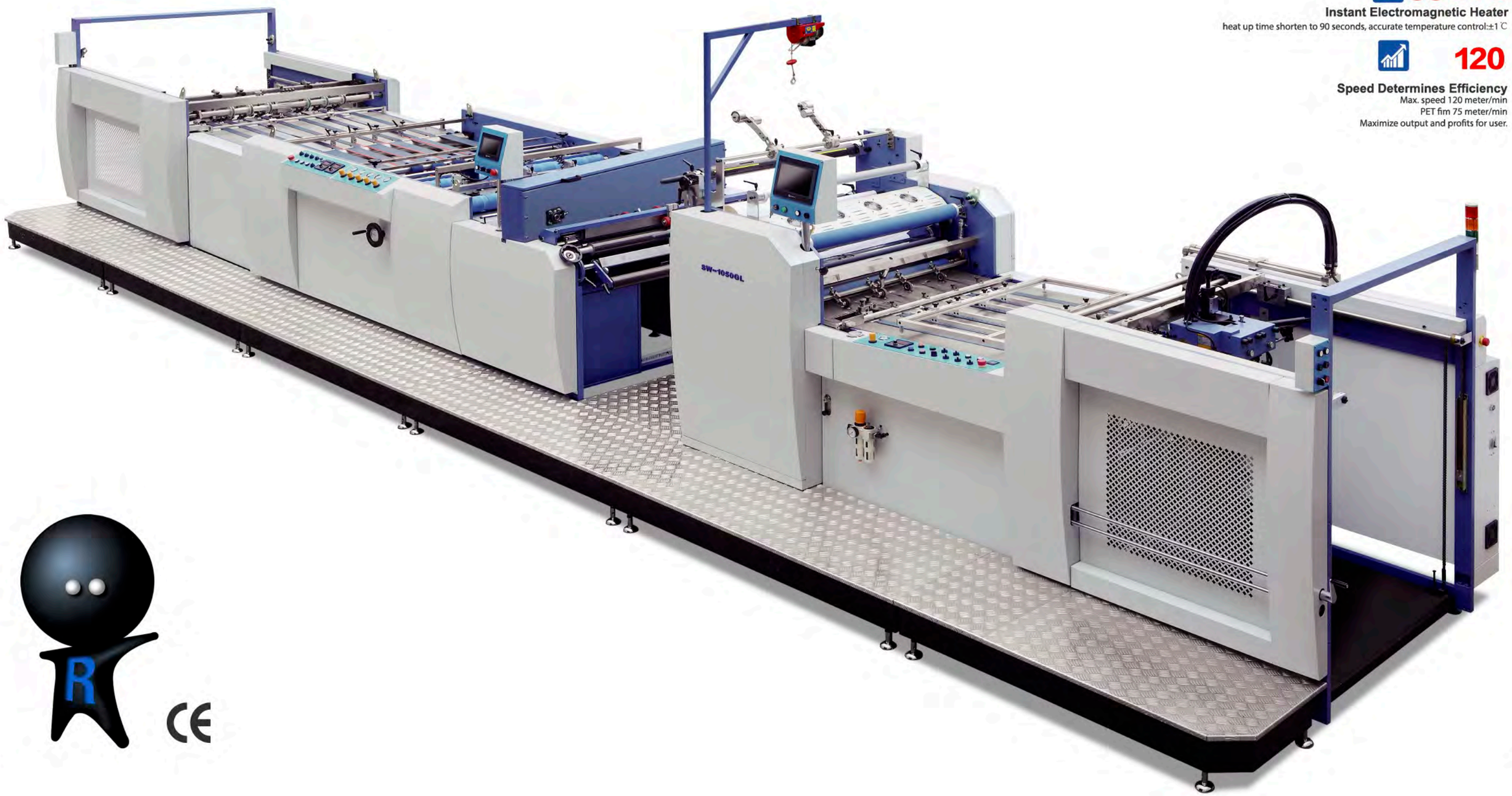


90±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1℃

120

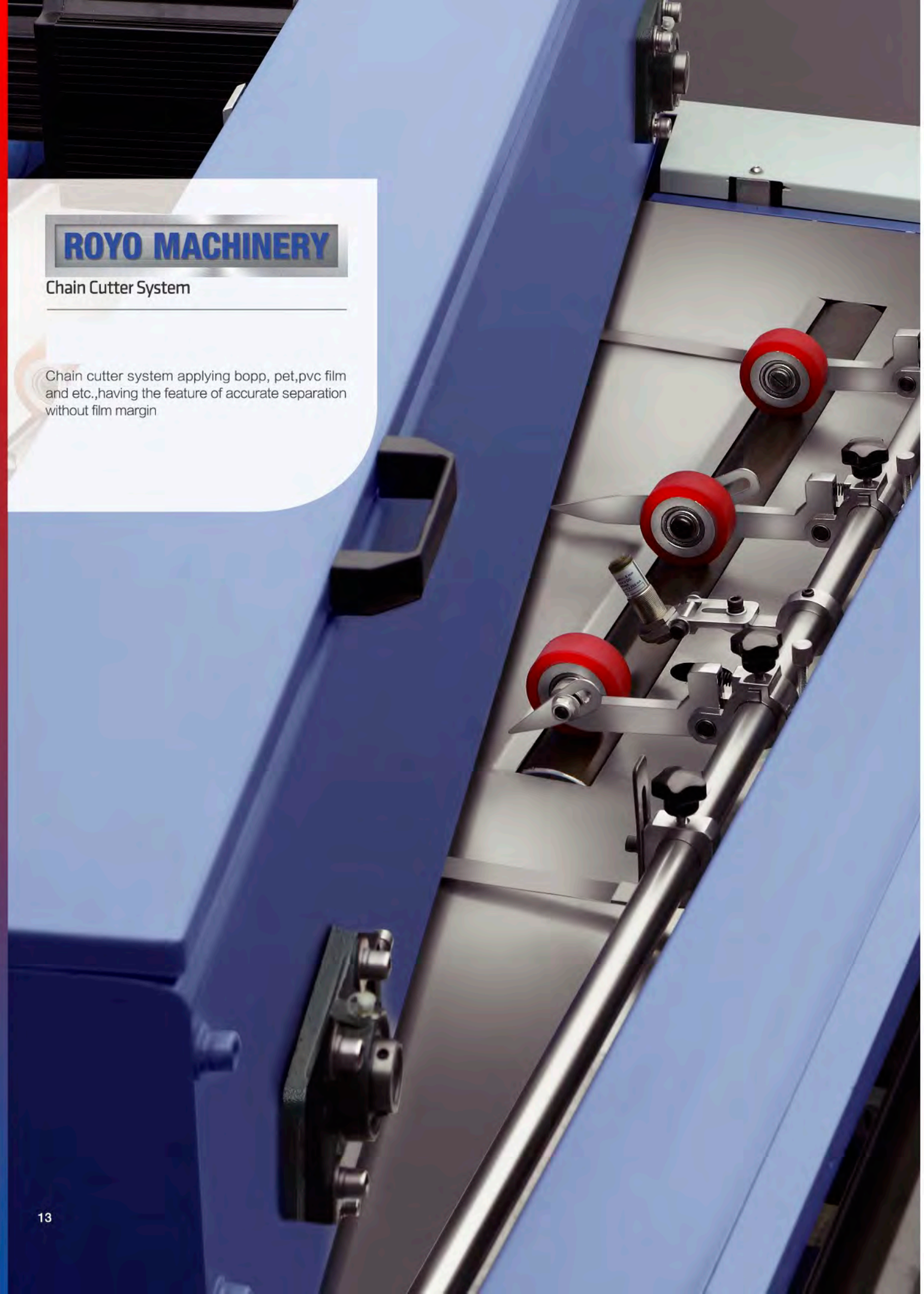
Speed Determines Efficiency

Max. speed 120 meter/min

PET fim 75 meter/min

Maximize output and profits for user.

CE



ROYO MACHINERY

Chain Cutter System

Chain cutter system applying bopp, pet,pvc film and etc.,having the feature of accurate separation without film margin

ROYO MACHINERY

Features

SW-1050GL chain cutter system apply for all kinds of thermal film lamination,having the feature of accurate separation without film margin,especially for PET film, foil film and etc.,with excellent function to solve complicated issue.

Specifications		
	Model No.	SW-1050GL
	Max Paper Size	1050x1200 mm
	Min Paper Size	350x350 mm
	Paper Thickness	105-500 g/m²
	Laminating Speed	0-75 m/min(PET Film)
	Laminating Speed	0-120 m/min
	Gross Power	29kw
	Weight	5300 kg
	Overall Dimensions	10500x2400x1900 mm
	Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Side lay regulator	Electromagnetic Heater
Double Film Shaft	Human-computer interface	Chain Cutter System
Anti-curvature Device	Corrugated Delivery	High Speed Automatic Stacker

SW-1050L

Chain Cutter Automatic Laminator

ROYO MACHINERY

Features

SW-1050L Chain Cutter system apply for all kinds of thermal film lamination,having the feature of accurate separation without film margin,especially for PET film, foil film and etc.,with excellent function to solve complicated issue.

100

Max. speed 100 meter/min PET fim 70 meter/min
Maximize output and profits for user.

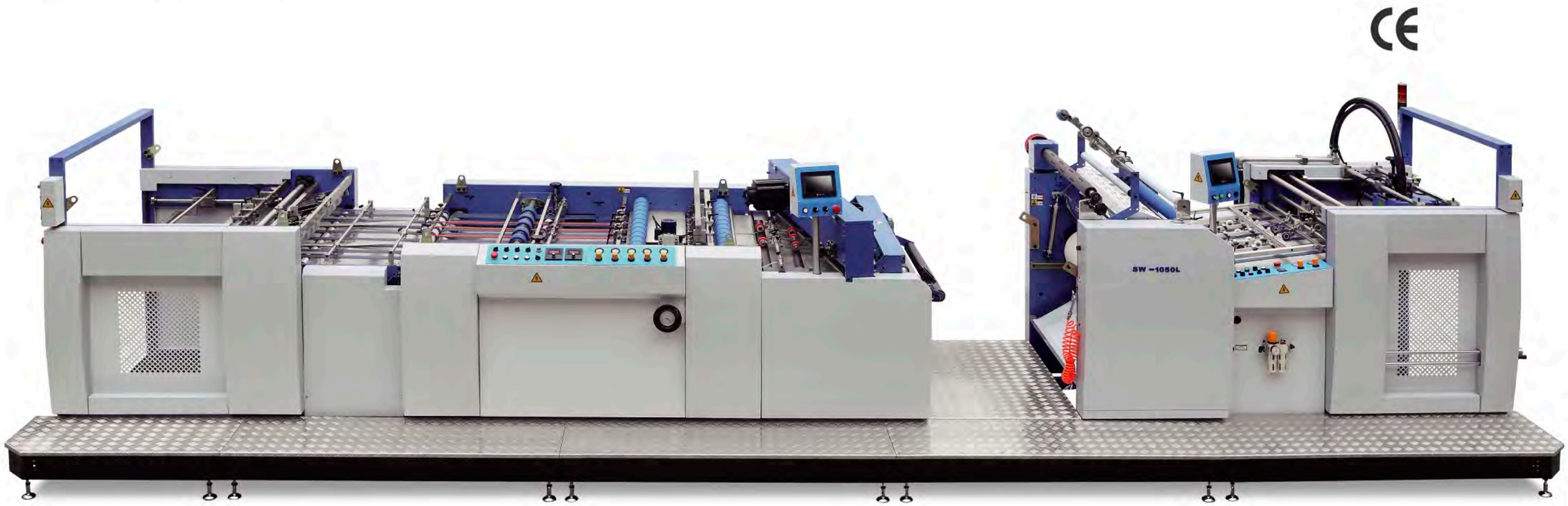
90 ±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1℃

Specifications	
Model No.	SW-1050L
Max Paper Size	1050x820 mm
Min Paper Size	300x300 mm
Paper Thickness	105-500 g/m²
Laminating Speed	0-70 m/min(PET Film)
Laminating Speed	0-100 m/min
Gross Power	26 kw
Weight	5000 kg
Overall Dimensions	8550x2400x1900 mm
Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Human-computer interface	Electromagnetic Heater
High Speed Separating system	Chain Cutter System	Anti-curvature Device
Corrugated Delivery	High Speed Automatic Stacker	Film Loader



SW-1050G

Fully Automatic High-speed Laminator

ROYO MACHINERY

90 ±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1℃

120

Speed Determines Efficiency

Max. speed 120 meter/min

PET fim 75 meter/min

Maximize output and profits for user.

CE

Electromagnetic Heater

ROYO MACHINERY

Equipped with advanced electromagnetic heater. Fast pre-heating. Energy saving. Environmental protection.

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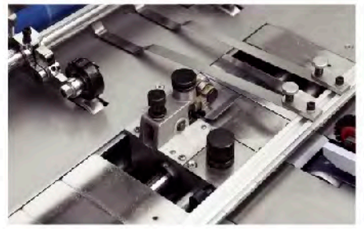
Side lay regulator

Servo control and side lay to guarantee alignment of paper from side.



Specifications		
	Model	SW-1050G
	Max Paper Size	1050X1200mm
	Min Paper Size	350X350mm
	Paper Thickness	105-500g/m²
	Laminating Speed	0-120m/min
	Gross Power	25kw
	Total Weight	5000kg
	Overall Dimensions	9550x2400x1900mm
	Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Side Lay Regulator	Double Film Shaft
Electromagnetic Heater	Human-computer interface	High Speed Separating system
Anti-curvature Device	Corrugated Delivery	High Speed Automatic Stacker

SW-1200G

Fully Automatic High-speed Laminator

ROYO MACHINERY

Maximum Sheet Size

1200×1450 mm

1200×1650 mm

90 ±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1 ℃

120

Speed Determines Efficiency

Max. speed 120 meter/min

PET fim 75 meter/min

Maximize output and profits for user.

Specifications		
	Model	SW-1200G
	Max Paper Size	1200X1450mm or 1200X1650mm
	Min Paper Size	390X450mm
	Paper Thickness	105-500g/m²
	Laminating Speed	0-120m/min
	Gross Power	29kw
	Total Weight	6600kg
	Overall Dimensions	10600x2400x1900mm
	Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Side Lay Regulator	Double Film Shaft
Electromagnetic Heater	Human-computer interface	High Speed Separating system
Power Dusting Device	Corrugated Delivery	High Speed Automatic Stacker

Specifications		
	Model	SWAFM-1050
	Max Paper Size	1050X820mm
	Min Paper Size	300X300mm
	Paper Thickness	105-500g/m²
	Laminating Speed	0-65m/min
	Gross Power	22kw
	Total Weight	3800kg
	Overall Dimensions	5200X2200X1900mm
	Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Human-computer interface	Electromagnetic Heater
Separation system	Overlapping regulator	Anti-curvature Device
Corrugated Delivery	Automatic Stacker	Film Loader

SWAFM-1050

Fully Automatic Laminator

ROYO MACHINERY

90 ±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1℃

Hot stamping rewinder for pre-printing(optional)

It applys for rewinding waste film of paper hot stamping with seperation design. It's optional.

CE

SW-1050B

Fully Automatic Double Sided Laminator

ROYO MACHINERY

CE

90±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1℃

Features: Single and Double Sided Lamination

ROYO MACHINERY

Highlights

SW-1050B is our primarily new designed double side laminator for large width paper size in China,to solve the problem of two times lamination,making more profits for users.

Specifications	
Model	SW-1050B
Max Paper Size	1050X820mm
Min Paper Size	350X350mm
Paper Thickness	100-500g/m²
Laminating Speed	0-60m/min
Gross Power	35kw
Total Weight	4400kg
Overall Dimensions	6500x2200x1900mm
Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Side Lay Regulator	Electromagnetic Heater
Separation system	Human-computer interface	Anti-curvature Device
Corrugrated Delivery	Automatic Stacker	Film Loader

SAFM-800B

Fully Automatic Double Sided Laminator

Features: Single and Double Sided Lamination

ROYO MACHINERY

Specifications	
Model	SAFM-800B
Max Paper Size	780X1040mm
Min Paper Size	300X300mm
Paper Thickness	100-500g/m²
Laminating Speed	0-65m/min
Gross Power	30kw
Total Weight	3200kg
Overall Dimensions	6000X2500X1900mm
Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Human-computer interface	Electromagnetic Heater
Separation system	Overlapping regulator	Anti-curvature Device
Corrugated Delivery	Automatic Stacker	Film Loader

SW-820

Fully Automatic Laminator

ROYO MACHINERY

90±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1 ℃

Hot stamping rewinder for pre-printing(optional)

It applys for rewinding waste film of paper hot stamping with seperation design. It's optional.

Specifications	
Model	SW-820
Max Paper Size	820x820 mm
Min Paper Size	300x300 mm
Paper Thickness	100-500 g/m²
Laminating Speed	0-65 m/min
Gross Power	21 kw
Total Weight	3550 kg
Overall Dimensions	5400x2000x1900 mm
Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Side Lay Regulator	Electromagnetic Heater
Separation system	Human-computer interface	Anti-curvature Device
Corrugated Delivery	Automatic Stacker	Film Loader

CE

SAFM-800A

Fully Automatic Laminator

Standard With Jogger.
Optional With Automaic Stacker

ROYO MACHINERY

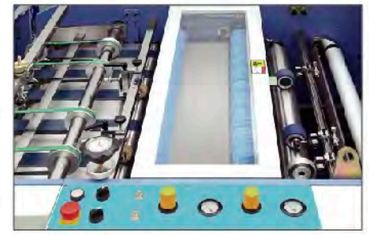
Construction Features

SAFM serial fully automatic laminator is designed for thermal film lamination. This laminator is composed of feeding unit, laminating unit and paper separation unit and paper collection system.The electric and pneumatic system is equipped with programmable control (PLC). This machine centralizes the features of compact structure, high automatization and humanized operation design.

CE

Separation system

Pneumatic separation system to separate the paper stably and quickly.



Specifications	
Model	SAFM-800A
Max Paper Size	780X1040mm
Min Paper Size	210X300mm
Paper Thickness	100-500g/m²
Laminating Speed	0-65m/min
Gross Power	22kw
Total Weight	3000kg
Overall Dimensions	5300x1650x1700mm

CE

SW-560

Fully Automatic Laminator

ROYO MACHINERY

90 ±1℃

Instant Electromagnetic Heater

heat up time shorten to 90 seconds, accurate temperature control:±1 ℃

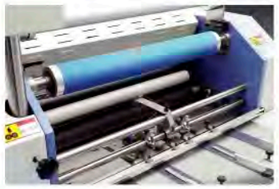
Hot stamping rewinder for pre-printing(optional)

It applys for rewinding waste film of paper hot stamping with seperation design. It's optional.

CE

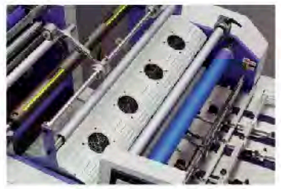
Front Lay

Servo controller and front lay guarantees precision of paper overlap.



Electromagnetic Heater

Equipped with advanced electromagnetic heater. Fast pre-heating. Energy saving. Environmental protection.



Anti-curvature Device

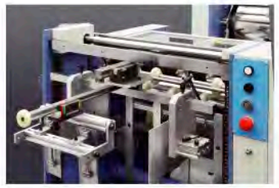
The machine is equipped with an anti-curl device, which ensures that paper remains flat and smooth during the lamination process.

Suction Device

Suction device guarantees stablity and smooth of paper sending.

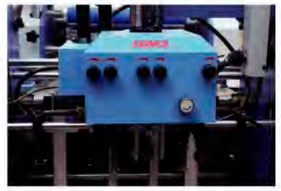
Automatic Stacker

Automatic stacker collects laminated paper sheet high efficiently and pat paper in good order as well as counter.



New feedar system

Completely new feedar system



ROYO MACHINERY

Advantage

1.Paper loading plate of feeder can land to ground to load paper pile easily.
2.Bigger heating roller with electromagnetism technology ensures high quality lamination.
3.Seperation structure design makes operation and maintaince easily.
4.New design of double layer patting plate of auto stacker makes operation easily.

Specifications		
	Model	SW-560
	Max Paper Size	560x820 mm
	Min Paper Size	210x300 mm
	Paper Thickness	100-500 g/m²
	Laminating Speed	0-60 m/min
	voltage	380V
	Laminating temperature	80-110℃
	Gross Power	20 kw
	Total Weight	2600 kg
	Overall Dimensions	4600x1350x1600 mm

Configuration(At page 49)		
Auto Feeder	Electromagnetic Heater	Separation system
Human-computer interface	Anti-curvature Device	Corrugrated Delivery
Automatic Stacker	Hot stamping rewinder for pre-printing(optional)	

SF-720C/920C/1100C

Semi-auto Laminator

ROYO MACHINERY

High quality semi-auto laminator

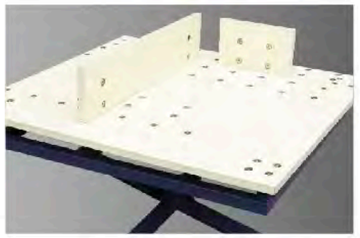
Features

1. SCHNEIDER PLC system makes the machine run stably and quietly.
2. Φ320 size of chromed heating roller is mounted with built-in oil heating system which provides balanced laminating temperature and owns excellent temperature persistence.
3. Pneumatic film unwinding system positions film roll more accurately, and makes the loading and unloading of film roll and film unwinding tension much more convenient.
4. Double sets of serrated perforating wheels provide different choices for different specifications of sheets and film.
5. Perfected traction adjusting system makes traction adjustment more convenient and efficient.
6. Corrugating delivery system and vibrating receiving system ensure paper collection more regular and convenient.

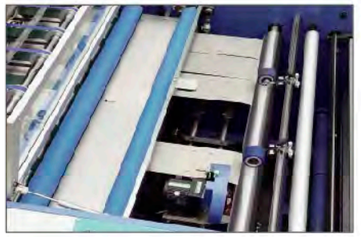
CE

Specifications			
Model	SF-720C	SF-920C	SF-1100C
Max Paper Size	720mm	920mm	1100mm
Paper Thickness	100-500g/m²	100-500/m²	100-500g/m²
Laminating Speed	0-30m/min	0-30m/min	0-30m/min
Gross Power	18kw	19kw	20kw
Total Weight	1700kg	1900kg	2100kg
Overall Dimensions	4600x1560x1500mm	4600x1760x1500mm	4600x1950x1500mm

The machine is equipped with an paper overlap regulator to feed paper easily.



The jogger collects paper.



Fying knife and perforating system

SFML-720A/920A

Semi-auto Laminator

ROYO MACHINERY

Configuration

1. SCHNEIDER PLC system makes the machine run stably and quietly.
2. Φ320 size of chromed heating roller is mounted with built-in oil heating system which provides balanced laminating temperature and owns excellent temperature persistence.
3. Pneumatic film unwinding system positions film roll more accurately, and makes the loading and unloading of film roll and film unwinding tension much more convenient.
4. Double sets of perforating wheels provide different choices for different specifications of sheets and film.
5. Perfected traction adjusting system makes traction adjustment more convenient and efficient.
6. Corrugating delivery system and vibrating receiving system ensure paper collection more regular and convenient.

CE

Specifications			
	Model	SFML-720A	SFML-920A
	Max Paper Size	720mm	920mm
	Paper Thickness	100-500g/m²	100-500/m²
	Laminating Speed	0-30m/min	0-30m/min
	Gross Power	18kw	19kw
	Total Weight	1600kg	1800kg
	Overall Dimensions	4000x1470x1650mm	4000x1670x1650mm

SFML-720/920

Semi-auto Laminator

ROYO MACHINERY

Configuration

1. Operates smoothly by using frequency conversion.
2. SCHNEIDER PLC system ensures automatic paper separation, breakdown alert for self-protection.
3. The machine has increased precision with built-in chrome plated oil heating system and temperature control.
4. An airshaft allows for accuracy when loading, unloading and positioning laminating film roll.

CE

Specifications			
	Model	SFML-720	SFML-920
	Max Paper Size	680mm	880mm
	Paper Thickness	100-500g/m²	100-500/m²
	Laminating Speed	0-25m/min	0-25m/min
	Gross Power	13kw	15kw
	Total Weight	1000kg	1200kg
	Overall Dimensions	3100x1450x1600mm	3100x1650x1600mm

YDFM-720A/920A

Manual Glueless Laminator

ROYO MACHINERY

Features

YDFM-720A/920A is oil heating and hydraulic pressure thermal film laminator, with compact structure and easy operation feature.

Specifications			
	Model	YDFM-720A	YDFM-920A
	Max Paper Size	680mm	880mm
	Paper Thickness	0-30/min	0-30/min
	Laminating Speed	≤130℃	≤130℃
	Gross Power	13 kw	15 kw
	Total Weight	600kg	700kg
	Overall Dimensions	1870×1460×1600mm	1870×1660×1600mm

SJ-540

Roll To Roll Laminating Machine

A Good Assistant For Label Printing

ROYO MACHINERY

Configuration

1.Equiped with oil built-in heating system,saving energy and consistance of temperature.
2.Equiped bigger roller,laminating quicker.
3.Oil pressuring system gurantees laminating quality.
4.The air expansion shaft with dividing rule makes operation of feeding paper, collecting paper and loading and uploading of film easier.

Specifications		
	Model	SJ-540
	Max Paper Size	540mm
	Paper Thickness	80-500g/m²
	Laminating Speed	0-50m/min
	Gross Power	15kw
	Total Weight	820kg
	Overall Dimensions	1350x1300x1550mm

SW-1050T

Fully Automatic Hot Knife Laminator

ROYO MACHINERY

Hot Knife for Pet Cutting

Specifications		
	Model	SW-1050T
	Max Paper Size	1050X820mm
	Min Paper Size	350X350mm
	Paper Thickness	100-500g/m²
	Laminating Speed	0-65m/min
	Gross Power	28kw
	Total Weight	4400kg
	Overall Dimensions	7100x2200x1900mm
	Pre-stacker	1850mm

Configuration(At page 49)		
Auto Feeder	Side Lay Regulator	Electromagnetic Heater
Separation system	Human-computer interface	Anti-curvature Device
Hot Knife Separating System	Corrugated Delivery	Automatic Stacker

SDFM-1100

Multifunctional Fully Automatic Laminating Machine

ROYO MACHINERY

Suitable for Water-based, Oil-based,
Glueless and Thermal Lamination

Configuration

1. Pre-stack paper feeder improves working efficiency; belt conveyor furnished with air aspirator regulates conveyed paper sheets much better.
2. Power remove system clears efficiently power on paper surface, and perfects laminating quality so much.
3. Big diameterr of mirror laminating roller is equipped with water cycle heating system.
4.Ceramic, which is netlike design , furnished with frequency converter can adjust the speed independently. What's more, it could make coating more even and avoid wasting the glue.
5. Film release device is equipped with air expansion shaft and clutch to control film tension.
6.The adjustable air expansion shaft can load and release the film more conveniently. It's easy to operate. In addition, it will not make the coating with glue corrugated while running.
7. Pneumatic paper collector can be adjusted easily upon needs, and receives paper sheets regularly.
8.The imported servo motor and Taiwan side lay which can be adjusted could efficiently keep the machine running precisely.

Features

This machine is SDFM-1100 Fully Automatic High-speed Water-base Laminator Machine which is designed mainly for the lamination of water-base glue film, and also suits the lamination of oily glue film, pre-glued film as well as glueless film. One machine, four purposes. The film is firstly coated with water-base glue and then dried by the big drying roller. Meanwhile, automatic feeder equipped with paper length controller conveys paper sheets to laminating unit. Then the coated film will be laminated on paper surface by the heating and pressure of pressuring roller. The big drying roller and pressure roller adopt hot water circulation system with quick temperature rise and stable and precise temperature control. The laminated products can be winded directly or through perforating wheel and separating system be cut into paper sheets. Paper sheets can be received with manual table or automatic paper stacker.

Specifications		
	Model	SDFM-1100
	Max Paper Size	1100x1200mm
	Min Paper Size	350x350mm
	Paper Thickness	100-500g/m²
	Laminating Speed	0-65m/min
	Gross Power	60kw
	Total Weight	9000kg
	Overall Dimensions	14000x2750x3000mm

Automatic Paper Collector

Pre-stack Paper Feeder

Separation system

Paper Dusting System

ROYO MACHINERY

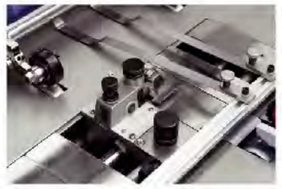
Configuration Info

Auto Feeder

This machine is equipped with a paper pre-stacker, Servo controlled feeder and a photoelectric sensor to ensure that paper is continuously fed into the machine

Side Lav Regulator

The Servo controller and Side Lay Mechanism guarantees precise paper alignment at all times.



Double Film Shaft

Saving time of film loading and uploading,improving efficiency

Corrugated Delivery

A corrugatted delivery system collects paper easily.

Electromagnetic Heater

Equipped with advanced electromagnetic heater. Fast pre-heating. Energy saving. Environmental protection.

Human-computer interface

A user-friendly interface system with a colour touch-screen simplifies the operation process. The operator can easily and automatically control paper sizes, overlapping and machine speeds.

Anti-curvature Device

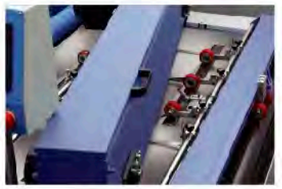
The machine is equipped with an anti-curl device, which ensures that paper remains flat and smooth during the lamination process.

High Speed Automatic Stacker

The pneumatic stacker receives the paper, keeping them in order, while rapidly counting every sheet.

Chain Cutter System

Chain cutter system applying bopp, pet,pvc film and etc.,having the feature of accurate separation without film margin



High Speed Separating system

This machine is equipped with a pneumatic separating system, pneumatic perforating device and photoelectrical detector to rapidly separate the paper according .to the paper size.

Automatic Stacker

Automatic stacker receive the sheets quickly in order without stop the machine as well as counter the sheets

Hot Knife Separating System

Hot knife separating system: operator imputs the paper size then the paper will be separated automatically

Separation system

Pneumatic separation system to separate the paper stably and quickly.

Power Dusting Device

Heating roller with scraper effeectively clean the powder and dust in the sureface of paper. Improve the briteness and bond after laminating

Hot stamping rewinder for pre-printing(optional)

It applys for rewinding waste film of paper hot stamping with seperation design. It's optional.

Film Loader

Operating the film loader is easy and efficient to use.