



ROYO MACHINERY

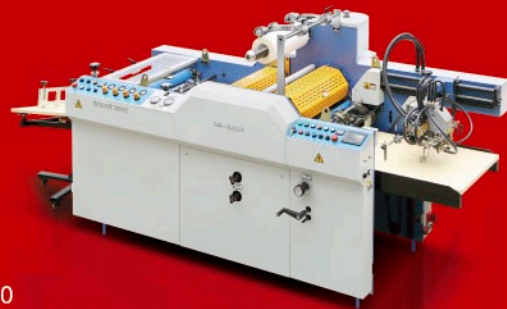
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The Most Reliable Brand of Laminator In The World

SA-540Y
Fully Automatic Embossing
Laminating Machine



540
Automatic Stacker(Optional)



To Meet Your All-round Lamination Needs



SADF-540B
Automatic Double Laminating Machine



SADF-540
Fully Automatic Laminating Machine



SFML-520B
Semi-automatic Double Laminating Machine



SFML-520
Semi-automatic Laminating Machine



K-540B/720B/900B

Manual Double
Laminating Machine



YDFM-720/920
Manual Hydraulic Laminating Machine



SJ-540
Roll To Roll Laminating Machine



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Integrative Solution Of Lamination Process



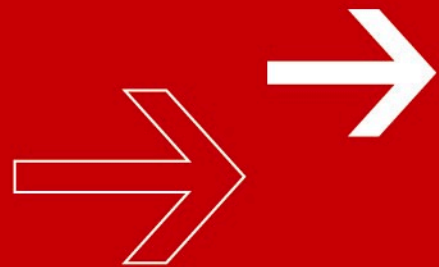
Products Series	On Demand Laminator Series	Commercial Laminator Series	Packaging Laminator Series
	S	M	L



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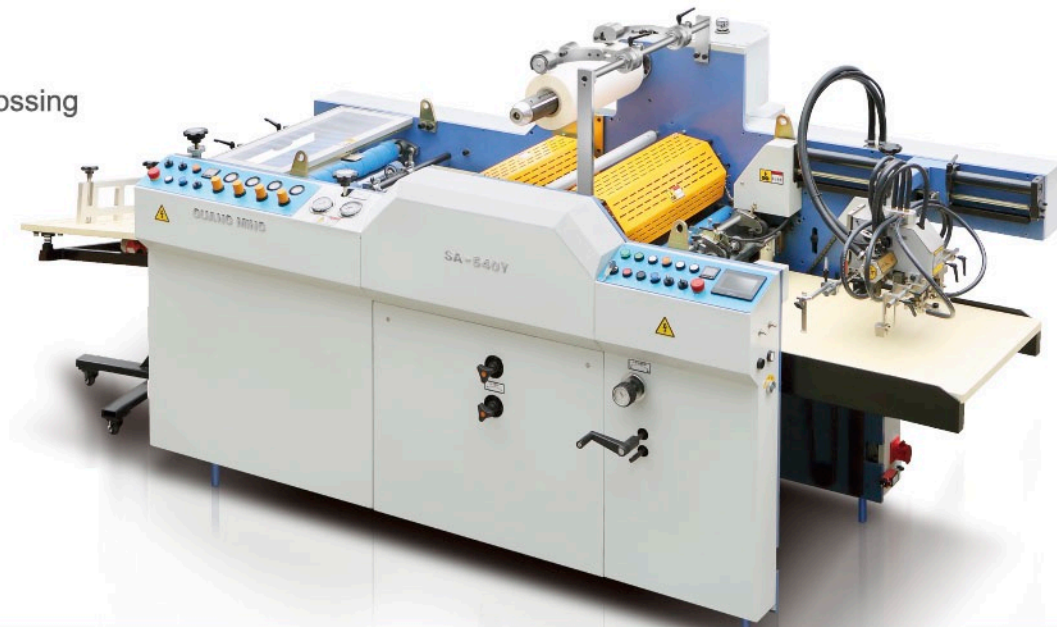
Focus On Every Details
Achieve High Quality



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SA-540Y

Fully Automatic Embossing
Laminating Machine



Products Series

On Demand
Laminator Series

S

Commercial
Laminator Series

M

Packaging
Laminator Series

L

ROYO MACHINERY

Highlights

Top technology Every details Excellent performance

SA-540Y:

Unique Technics

SA- 540Y have make you successful in all kinds of characteristics and excellent performance. Equipped with automatic embossing system, is the best creative technology

Fully Automatic Embossing Laminating Machine

Energy conservation and efficient

One machine, two processes

SA-540Y:

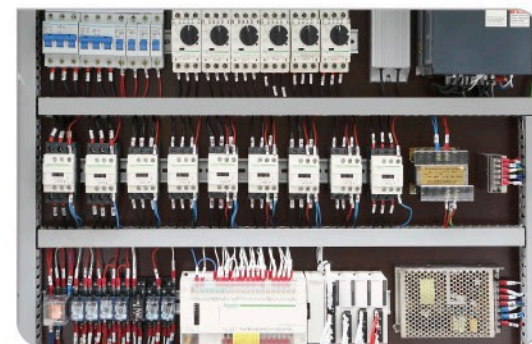
SA - 540Y equip with laminating and embossing,which has two processes in one machine.

Man-machine interface system

Man-machine interface system with color touch screen simplies operation.Operator just inputs paper size,overlap size and work speed etc. through the touch screen to achieve automated operation.

Schneider programming system

Equipped servo motor,Schneider inverter and Omron electrics, speed control convenien the machine run smoothly and no noise.



SA-540Y

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Mechanical structure

Reliable and stable mechanical structure

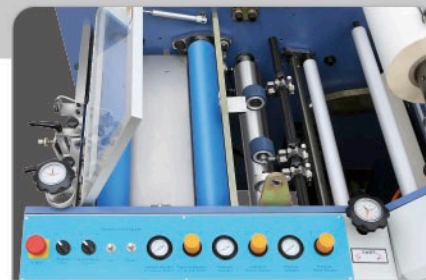
Protection device

When paper lack or break, machine stop automatically for self-protection



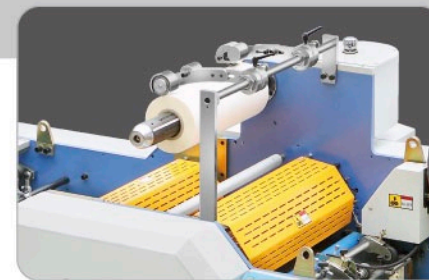
Automatic feeder

Automatic feeder adopts oil-free vacuum pump to feed paper automatic.



Anti-curve device

Equiped with anti-curve device to avoid curvature of thin paper



Air shaft

Air shaft equiped with clutch device can adjust film release extension and speed.

Technical Paramenters

Model	SA-540Y
Max Paper Size	540x780mm
Min Paper Size	210x290mm
Paper Thickness	105-500g/m ²
Max Laminating Speed	0-30m/min
Gross Power	17kw
Total Weight	1800kg
Overall Dimensions	2740x1250x1500mm

Automatic Stacker(Optional)



SADF-540B

Automatic Double Side Laminating Machine

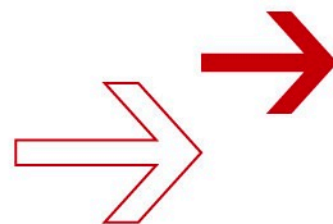
Applications
To suit both single side and double side lamination



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Top technology Every details Excellent performance

Highlights



Double laminating, completed one time

Model SADF540B is one of our fully automatic double side laminators newly developed upon market needs. It is a processing technology which targets in laminating small size paper with pre-glued film after heated, pressured finally realize the paper and film laminated together. The most attractive features of the machine are compact structure and humanized design. SCHNEIDER, OMRON etc international brands of electrical and photovoltaic parts equipped perfect the running stability and safety of the laminator. The machine realizes automated operation, and suits pre-glued film single side and double side paper lamination.

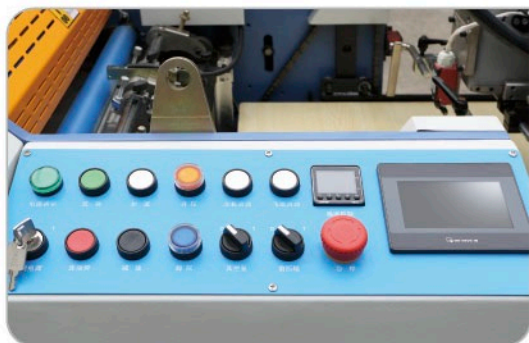


Automatic Double Side Laminating Machine



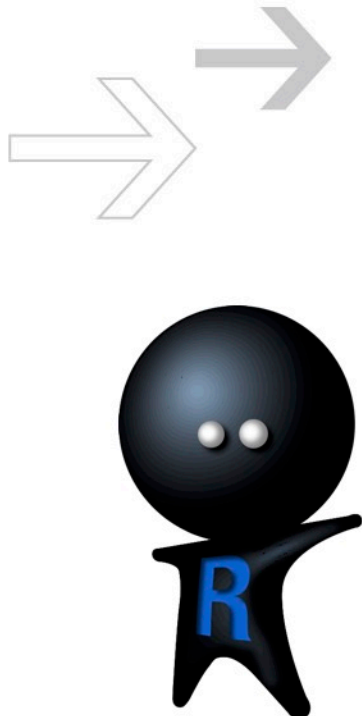
Protection device

When paper lack or break, machine stop automatically for self-protection



Schneider programming system

Equipped servo motor, Schneider inverter and Omron electrics, speed control convenient the machine run smoothly and no noise.



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Mechanical structure

Automatic Feeder

Automatic feeder adopts oil-free vacuum pump to feed paper automatic.

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Top technology Every details Excellent performance

Anti-curve device

Equiped with anti-curve device to avoid curvature of thin paper

Automatic Double Side Laminating Machine

Automatic pneumatic system

Automatic pneumatic system to provide stable pressure laminating machine. Pressure can be adjusted automatically according to need

Intelligent constant temperature roller

On the heating roller and the lower heating roller equipped with special heater for heating, temperature control individually. Temperature performance is excellent and make sure double-side laminating temperature.

Delivery

After separating the paper received by jogger or automatic stacker(optional)

Pneumatic separator system

Pneumatic separator system automatically separate paper

Automatic Stacker(Optional)



Technical Parameters

Model	SADF-540B
Max Paper Size	540X780mm
Min Paper Size	210X290mm
Paper Thickness	105-500g/m ²
Max Laminating Speed	0-30m/min
Gross Power	18kw
Total Weight	1500kg
Overall Dimensions	3200x1250x1650mm



SADF-540

Automatic Laminating Machine



Applications

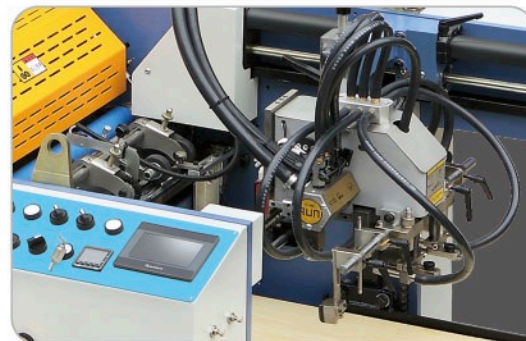
To suit pre-glued film(thermal film)lamination

Compact Structure Fully Automatic Laminator

Model SADF-540 is one of our fully automatic laminators newly developed upon market needs. The most attractive features of the machine are compact structure and humanized design. SCHNEIDER, OMRON etc international brands of electrical and photovoltaic parts equipped perfect the running stability and safety of the laminator. The machine realizes automated operation, and suits pre-glued film for paper lamination. For the laminating treatment of greeting cards, certificates, documents, book covers, packing boxes etc, this model is an excellent choice.

Top technology Every details Excellent performance

Highlights



Automatic Feeder

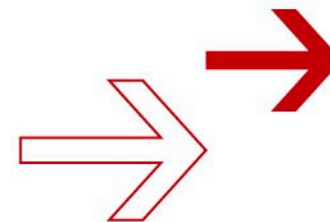
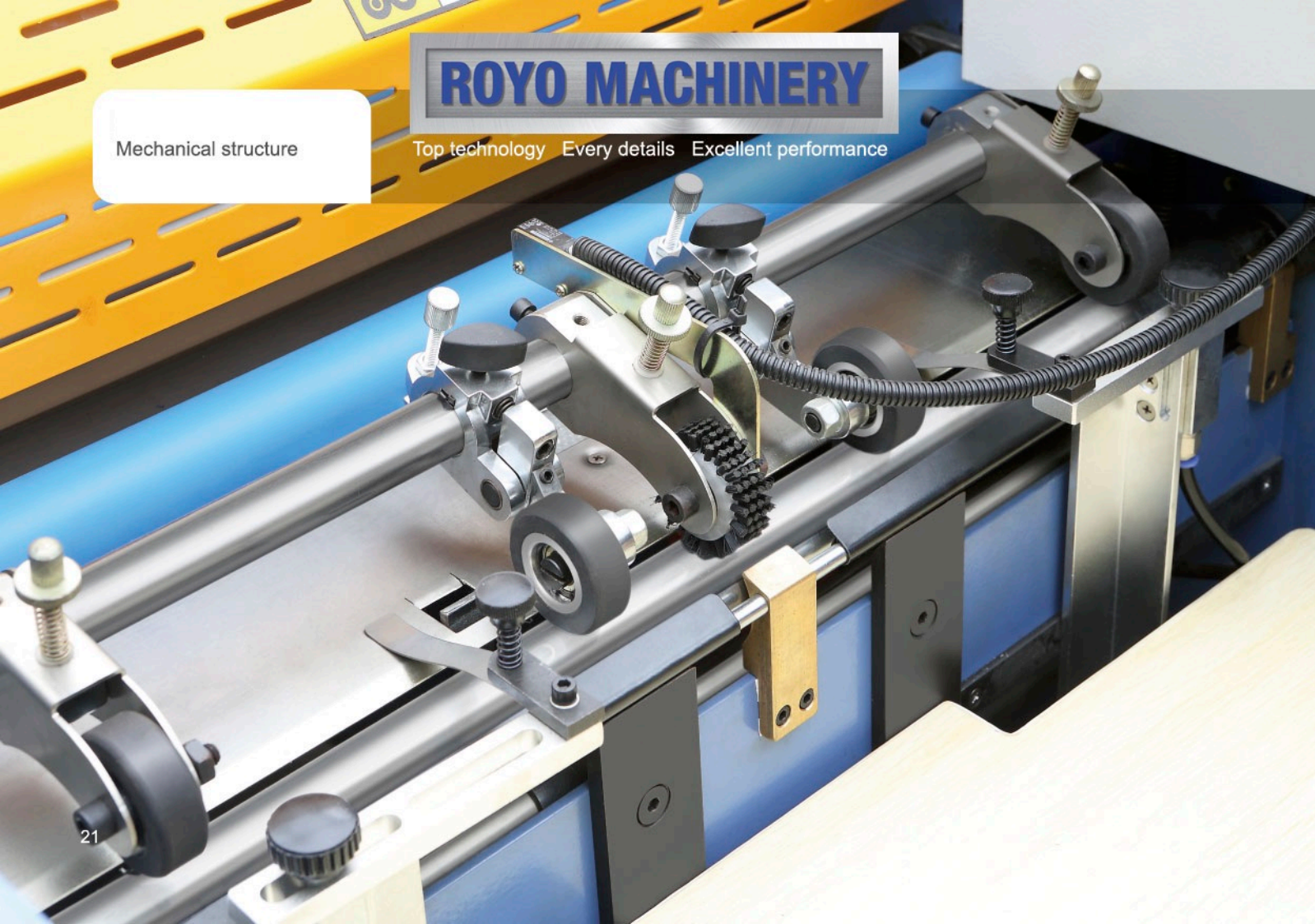
Automatic feeder adopts oil-free vacuum pump to feed paper automatically.



Anti-curvature device:

when going through the anti-curvature device, the laminated paper shall be leveled at once and won't curve again after cut.





Configuration

1. Automatic paper feeding system is equipped with no paper protector and paper break protector, which are controlled by photoelectric and mechanical systems. When no paper or paper break occurs, the machine will stop automatically for self-protection.
2. Man-machine interface system: color touch screen simplifies the machine operation. On the touch screen, as long as the operator inputs paper size, overlap length and working speed etc., the machine can realize completely automated operation. And on touch screen, working status of the machine can be checked at any time.
3. High precision of chrome plated heating roller is equipped with built-in oil heating system, which has excellent performance to temperature control. The laminating temperature is adjustable upon applications.

4. Pneumatic pressuring system provides automatically stable pressure to guarantee good laminating quality. And the pressure can also be adjusted upon requests.
5. Air expansion shaft releases film roll, and positions film roll more accurately, and also makes the loading and unloading of film roll more convenient.
6. The combination of air expansion shaft and braking device can adjust film release tension and speed.
7. Film cutter cuts film width to make it meet paper size.
8. Serrated perforating wheel perforates film edge for the automatic cut of laminated paper.
9. Pneumatic cutting system realizes automatic paper cut.

Technical Parameters

Model	SADF-540
Max Paper Size	540X780mm
Min Paper Size	210X290mm
Paper Thickness	105-500g/m ²
Max Laminating Speed	0-30m/min
Gross Power	14kw
Total Weight	1300kg
Overall Dimensions	3300x1250x1650mm

Automatic Stacker(Optional)



SFML-520B

Semi-auto Double Side
Laminating Machine

Applications

To suit both single side and double
side lamination



SFML-520B

Top technology Every details Excellent performance

Mechanical structure

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Features

SFML-520B semi-auto double side film laminating machine is a small laminator which is designed and manufactured upon the market needs. The machine has the feature of compact structure and easy operation. The electric and pneumatic system is controlled by PLC system, color touch screen. And one person can operate it easily. When the operator inputs paper size on touch screen, the machine can realize automatically paper lamination and cut processes, and is an excellent performance of lamination equipment which is a good choice for small and medium-size enterprises..

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Mechanical structure

Top technology Every details Excellent performance

Anti-curvature device

Anti-curvature device adopts turbine gearbox to adjust: when going through the anti-curvature device, the laminated paper shall be leveled at once and won't curve again after cut.

Configuration

1. Machine is equipped with no paper miss sensor, which are controlled by photoelectric and mechanical systems. When no paper or paper break occurs, the machine will stop automatically for self-protection.
2. Man-machine interface system: color touch screen simplifies the machine operation. On the touch screen, working status of the machine can be checked at any time.
3. Upper and down heating roller are equipped with special heater for raising temperature. Individual temperature control perfected the temperature keep steady, ensure the precision of double side lamination temperature.

4. Pneumatic pressuring system provides automatically stable pressure to guarantee good laminating quality. And the pressure can also be adjusted upon requests.
5. Pneumatic separator system realizes automatic paper separation.
6. After separation, paper sheets are collected by jogger.

Technical Parameters

Model	SFML-520B
Max Paper Width	520mm
Paper Thickness	105-500g/m ²
Max Laminating Speed	0-25m/min
Gross Power	13kw
Total Weight	1000kg
Overall Dimensions	3300x1150x1450mm



SFML-520

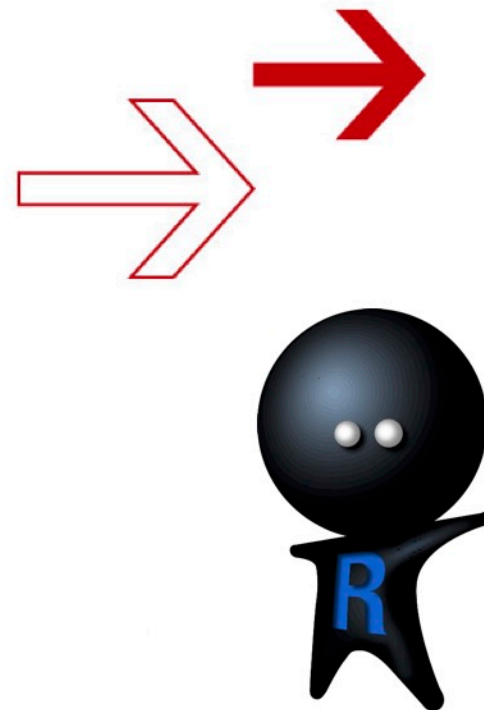
Semi-Auto Laminator



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Top technology Every details Excellent performance



Features

SFML-520 is a small semi-auto laminating machine which is designed and manufactured upon the market requirements. The machine has the feature of compact structure and easy operation. The electric and pneumatic system is controlled by PLC system. And one person can operate it easily. When the operator inputs paper size on touch screen, the machine can realize automatically paper lamination and separation.



Overlap Regulator

SFML-520

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PLC Control Panel

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Top technology Every details Excellent performance

Configuration

- 1.Man-machine interface system with color touch screen simplifies operation.
2. Pneumatic pressuring system provides steady pressure to guarantee good laminating quality. The pressure is adjustable upon requests.
3. Film cutter cuts film width to make it meet paper size. The cut film is left on the film release spindle.

4. Film perforating wheel perforates film edge for the automatic cut of laminated paper.
5. Pneumatic separating system realizes automatic paper cut as long as the operator inputs the paper size on the touch screen.

Technical Parameters

Model	SFML-520
Max Paper Width	500mm
Paper Thickness	105-500g/m ²
Max Laminating Speed	0-20m/min
Gross Power	7kw
Total Weight	400kg
Overall Dimensions	2500x1000x1500mm



SFML-520

K-540B/720B/900B

Manual Double-side Laminating Machine



Top technology Every details Excellent performance



Construction Features

K-540B/720B/900B is small simple manual laminating machine with new design. The main feature is advanced design, elegant style, compact structure, easy operation and so on. The machine is an ideal choice for the digital printing, graphic arts printing, short format, imagingprinting, office documents print etc. Using thermal film, single side or double side laminating makes paper sheets perfect.

Technical Paramenters

Model	K-540B	K-720B	K-900B
Max Paper Width	540mm	720mm	900mm
Paper Thickness	105-500g/m ²	105-500g/m ²	105-500g/m ²
Max Laminating Speed	0-15m/min	0-15m/min	0-15m/min
Gross Power	3kw	3.2kw	3.5kw
Total Weight	230kg	250kg	270kg
Overall Dimensions	1270x970x1400mm	1270x1150x1400mm	1270x1300x1400mm



YDFM-720/920

Manual Hydraulic Laminating Machine



Construction Features

YDFM series of hydraulic laminating machine is compact and economic laminator. It adopts the designs of manual feeding, manual hydraulic pressing system, automatic lamination and auto paper winding. Laminated paper shall be cut by manual work. The reasonable structure saves the occupation of floor area so much. Manual hydraulic pressing system provides big pressure to guarantee good laminating quality. Excellent laminating performance solves completely the problem of snowflake spots in traditional lamination, and perfects products quality and also reduces users' production costs so much. So this type of laminator is a wonderful choice for laminating process to medium and small enterprises.

Technical Parameters

Model	YDFM-720	YDFM-920
Max Paper Width	600mm	800mm
Paper Thickness	105-500g/m ²	105-500g/m ²
Max Laminating Speed	0-30m/min	0-30m/min
Gross Power	7kw	8kw
Total Weight	470kg	520kg
Overall Dimensions	1900x1300x1600mm	1900x1500x1600mm



SJ-540

A Good Assistant For Label Printing

Roll To Roll Laminating Machine



Configuration

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

Technical Parameters

Model	SJ-540
Max Paper Width	540mm
Paper Thickness	80-500g/m ²
Max Laminating Speed	0-50m/min
Gross Power	15kw
Total Weight	820kg
Overall Dimensions	1350x1300x1550mm

