

Laminators



OUR TECHNOLOGY

DEFINES THE **DIFFERENCE**



Introducing Kala Laminators.

As proud partners of Kala, we're pleased to present the best of wide-format finishing equipment to your compliment workflow with reliable, future-proof solutions - backed by our expertise and Kala's innovation. Kala Laminators deliver high throughput, pinpoint accuracy, minimal waste, industry-leading reliability, and lasting value - making them the definitive choice for modern finishing operations.

Built with superior materials and backed by meticulous quality control, Kala Laminators are designed and manufactured in France*, meeting **rigorous CE standards** verified by independent labs. Kala also supports each unit with tracked parts inventories maintained for 10 years post-production.



RoHS



LAMINATION STATIONS

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Kala's **Mistral**, **Arkane**, and **Atlantic** ranges deliver unmatched productivity, precision, and profitability - all from a compact, easy-to-use platform.

With Kala's patented **auto-calibration system**, roller parallelism and pressure are continuously maintained across the entire width, ensuring flawless results - start to finish. These laminators also offer virtually **waste-free media loading**, **unattended roll-to-roll operation** without skewing, and intuitively placed control panels for **effortless handling**.

ENTRY LEVEL LAMINTOR

pg 9

Affordable and user-friendly, the **GinkoLam** is the perfect introduction to wide-format lamination. It caters to low- to mid-volume applications - ideal for print shops and signmakers - with support for media up to 165 cm wide and 45 mm thick, and full compliance with CE safety and quality standards.

FLATBED APPLICATION TABLES

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Kala's flatbed application tables are designed to streamline your workflow, offering precision, efficiency, and versatility for a wide range of applications. Whether you're laminating, applying adhesives, or working on temporary protective films, these stations provide a reliable and ergonomic solution to meet your production needs. Built to last, offering a central workspace that transforms production efficiency while optimising your available space.

AppliKator 3000: Fixed-format tables ideal for smaller workshops, available with wood or glass surfaces.

AppliKator Modular: Designed to grow with your business, this model features an expandable length that can be extended in sections to handle longer media as needed.

AppliKator Grande: This large-format application table is the ideal solution for tackling larger projects with ease and precision.

**excludes the Ginkolam*

LAMINATION STATIONS

Mistral - 1650 | 1650 DUAL FEED | 2100

Versatile Workhorse

The Mistral 1650 and 2100 models offer high-speed roll-to-roll lamination, adhesive mounting, and encapsulation. With heat-assisted rollers reaching 30–60 °C, they handle up to 50 mm thick media, and the 2100 model supports materials up to 2 m wide—perfect for demanding, high-volume workflows.



MISTRAL 1650



ARKANE 1650

Arkane - 1650 | 1650 DUAL FEED | 1650 DOUBLE HEAT

High-Volume, High-Heat

Built on the same rugged platform as Mistral, Arkane steps up with a heated top roller capable of up to 140 °C. It excels in single-sided lamination, encapsulation, and mounting tasks, and manages media up to 50 mm thick—designed for intensive, industrial-scale print environments.



ATLANTIC 1650

Atlantic - 1650

Hot & Cold Flexibility

Combining both hot and cold lamination modes, the Atlantic models deliver expansive versatility—ideal for users who require dynamic thermal control in their lamination processes

	Mistral			Arkane			Atlantic
	1650	Dual feeding	2100	1650	Dual feeding	Double heat	1650
Maximum film width	1650 – 65"	1650 – 65"	2080 – 82"	1650 – 65"	1650 – 65"	1650 – 65"	1650 – 65"
Maximum working width	1710 – 67"	1710 – 67"	2160 – 85"	1710 – 67"	1710 – 67"	1710 – 67"	1710 – 67"
Heating modes							
Temperature adjustment (°C – °F)	30 – 60 °C 86 – 140 °F	30 – 60 °C 86 – 140 °F	30 – 100 °C 86 – 212 °F	30 – 140 °C 86 – 284 °F	30 – 140 °C 86 – 284 °F	30 – 140 °C 86 – 284 °F	30 – 140 °C 86 – 284 °F
Autocalibration system	✓	✓	✓	✓	✓	✓	✓
Roller nip opening 50mm - 2"	✓	✓	✓	✓	✓	✓	✓
Shafts delivered with machine	5	7	5	5	7	5	5
Scrolling bar	✓	✓	✓	✓	✓	✓	✓
Printing compatibility by print categories							
Solvent, aqueous, Latex, screen printing, Offset...	✓	✓	✓	✓	✓	✓	✓
UV printing			✓	✓	✓	✓	✓
Use with PSA adhesive films: single side lamination, encapsulation, pre-mask							
	✓	✓	✓	✓	✓	✓	✓
Use with thermal films							
Up to 250 μ				✓	✓	✓	✓
Up to 320 μ							✓
Encapsulation							✓
Mix of thermal and PSA films				✓	✓	✓	✓
Warranty 2 years	✓	✓	✓	✓	✓	✓	✓

Suitable for all your wide format finishing jobs



Single or both sides lamination in one go, sheet fed



Single or both sides lamination in one go, roll to roll



Technology transforms performance

KALA Mistral, Arkane, Atlantic share the same base features.

Our engineers have designed this range based on the innovation described hereby. The result: high performances and easy to use equipment, which turns into an increase of your profitability.

• EXCLUSIVE: PATENTED AUTO CALIBRATION SYSTEM

The nip of the rollers is constantly monitored and automatically corrected if required even during the laminating process. Pressure level is consistent throughout the width of the media, regardless of the width. A smooth and regular feed of the media for perfect results from start to finish, without changing adjustment during the operation.

• ROLLERS

No compromise with quality. We select the best steel in the appropriate diameter and thickness. A larger diameter of the roller does not necessarily constitute a better lamination result.

Our steel rollers are coated with our proprietary blend of polymeric materials varying in hardness depending on the laminator selected (thermal conduction, non-sticky surface, higher resistance...).

They are converted following a designated shape carefully studied to ensure that the prints will be processed perfectly, for short and long runs. The combine features of hardness and uniform heat dispersion secure the highest quality level in your finishing operation which other products can't offer, even with larger roller diameter.

• THE FRAME

The frame consists of welded steel, to form a one piece chassis that guarantees stability and steadiness. As a consequence, lamination works don't skew.

• HEATING SYSTEM

Temperature is measured in the centre of the heating roller for an accurate information, notwithstanding the width of the lamination job. Heating is supplied by an infra-red heating element, designed for giving a precise and constant temperature throughout the entire width of the roller.



Performance beyond expectations

• ROLL TO ROLL

Best performing first choice laminator amongst wrapping studios and high-volume print shops that process full printed rolls.



Easily loaded, a full roll of printed media up to 100 metres (328 ft.) will be laminated perfectly straight and rewound without any skewing. This process can be carried out un-supervised resulting in free time for the operator to perform other tasks. With the recent introduction of a remote-control option, the operator can control certain functions from a distance optimizing the effectiveness of time.

Maximize productivity

• ROLL GAP

The gap between the rollers is adjustable up to 50 mm (2"), suitable for a broad range of applications.

Elevation is operated by 2 electrical motors controlled electronically (auto-calibration) and the pressure is even throughout the working width. Pressure is adjusted on the material itself and not with pre-set positions or compressor assistance.

• WORKING SPEED

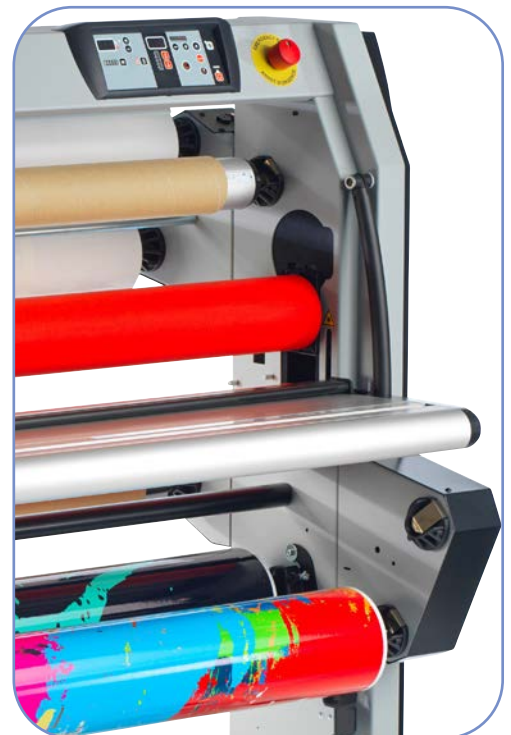
Speed is adjustable up to 6,5 m/minute (21'/minute).

Designed to avoid unanticipated fast starts, the roller gently ramps up to the set speed notably reducing the likelihood of operator handling errors.

In our opinion, higher speed offered by competitive products should not be a major selection criteria, because it would deteriorate the job quality and would not benefit to your organisation.

• MEDIA REEL DIAMETER

Our laminators will accommodate rolls up to 100 m (328') with a maximum diameter of 9".



Control and safety

Every standard feature is designed and integrated to enhance the quality, efficiency and profit performance of your finishing operations.

• CONTROL PANEL

Intuitive and easy to use, all functions are accessible from the ideally positioned control panel. The panel consists of 4 sections, one for each function hereby listed.



Temperature selection and memorization of the working parameters.

Elevation of the upper roller and pressure adjustment.

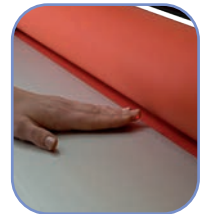
- Foot switch selection and power button (when switching the machine off, the top roller automatically elevates thus preserving the integrity of the rollers).
- Speed adjustment, forward, stop, reverse, and re-setting safety features.

• SAFETY

Safety first

At KALA, we consider operator safety an essential design element and unlike other exotic products, we strictly comply with the latest machinery directives.

1. Self-checking Laser eye prevents operator injuries
2. Safety switch on swing out infeed tray stops the rollers from turning when in the upward position
3. 2 emergency stop switches easily accessible from the front and back of the machine.
4. When any of the safety features are triggered, the reset button on the control panel will flash red. Simply pressing the reset button will reactivate the system.
5. An audible beep sound will indicate the reverse mode has been engaged.

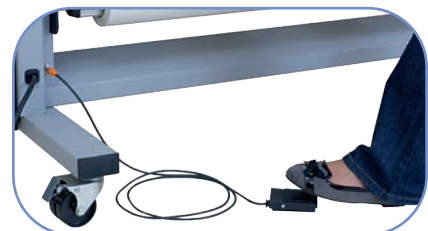


• FOOTSWITCH

When selected, the multi-function footswitch activates stop and go lamination, leaving hands free when feeding wider prints.

When not selected, the multi-function footswitch, will switch off the driving motor without using the control panel.

Useful for mounting application, the footswitch operation when selected, deactivates the safety laser eye.



Quick and easy loading of the media

SELF-BLOCKING AND UNWINDING SHAFTS

Our lightweight and graduated self-blocking roll-shafts save you time when loading media. Contrary to systems using locking rings or pivoting shafts, no tools are required and a much smaller work area is occupied when loading media.

Our roll-shafts can be used in any dispensing or rewinding positions and inserted in either directions. Loading media is easily achieved by one person only.



Built in storage space for up to 4 rolls of media is located in the bottom section of the laminator. Extra roll-shafts are available as an option. Materials are safely stored on a roll-shaft horizontally and easily reachable for quick media changeover.

In addition to the 5 self-blocking shafts, our laminators come standard with a scrolling bar ideal for short batch of prints.

This shaft can be placed in any one of the 4 storage slots or any free position on the machine. It will protect your prints from dust before lamination.



Graduated self-blocking shaft



Unwinding shaft

Quick and efficient

EASY LOADING OF MEDIA

KALA laminators are designed to enable quick media changes with minimal waste of material. A powder coated metal feeding plate that minimizes wastage is included with the machine and stored in its designated place on the laminator.



The in-feed tray pivots upwards allowing full and secure access for easy unobstructed loading of the media. When placed in the upward position, the driving motor will not operate, securing the operator from any injury during the loading operation.

IN-FEED TRAY

Feeding prints made easy thanks to the removable media guide.

Squaring guide for processing rigid panels in series.

Thick feeding tray with bullnose edge to prevent prints from being damaged while feeding.



● OUTPUT TRAY

An aluminium output tray maintains and guides the media. The output tray is not required when performing roll-to-roll and it is easily removed and stored in its designated location at the base of the machine.



A safety cutter is included to avoid damage to the rollers. The magnet on the safety cutter makes it easily accessible allowing it to be placed on any part of the steel frame.

● LIMITED FLOOR SPACE AND EASY ACCESS TO ALL ADJUSTMENT

The machine occupies a limited space, leaving free access and allowing effortless media changes. All adjustments are easily reachable and all film tension adjustments remain unchanged from one roll to another.



**MISTRAL 1650
DUAL FEEDING**

● IN LINE SLITTING (OPTIONAL)



In line slitting system

Delivered with two cutting heads. The heads can be locked in various positions:

- cuts laminated prints as they exit the main rollers
- cuts lamination film before entering the main rollers. Ideal for applications where the laminating film is wider than the print.

This optional slitting device is available for Mistral, Arkane in 1650 mm (65") and 2100 mm (83") and for Atlantic 1650 mm (65")

Options & Compatability

Options	Mistral 1650, Dual feeding	Mistral 2100	Arkane 1650, Dual feeding, Double heat, TS	Atlantic 1650
In line slitting with tray , for machines delivered before July 2019	ILCT 1650	ILCT 2100	ILCT 1650	N/A
In line slitting without tray , for machines delivered after July 2019	ILC 1650	ILC 2100	ILC 1650	ILCA 1650
Blade holder for ILC , blade included	ILCM			ILCMA
Replacement blades for ILC - pack of 5	CA50-032/5			
Remote control	REMOTE			
Gas lift - slows down the descent of the feeding tray when in upper position. <i>Included with all machines sold in the USA and Canada</i>	GASLIFT 1650	GASLIFT 2100	GASLIFT 1650	GASLIFT 1650
Self-blocking shaft	AX165076	AX210076	AX165076	AX165076
Antistatic string with magnets	MP601840	MP621840	MP601840	MP601840
LED lighting kit - <i>Included with all machines sold in the USA & Canada</i>	MP601820	MP621820	MP601820	MP601820

ENTRY LEVEL LAMINTOR



GINKOLAM Entry-Level Champion

The GinkoLam wide-format laminator is the perfect entry-level solution for sign shops, print studios, and start-up businesses looking to add professional finishing to their services. With a generous 165 cm (65 inch) working width, it offers flexibility for a variety of applications – from lamination and premask work to board mounting – all while being easy to use and highly reliable.

ginkoLam

Independently tested to meet CE safety standards, the GinkoLam gives you confidence in both performance and protection, ensuring peace of mind for everyday use.

From its simple control panel and hands-free operation to its efficient rewinder system for one-person use, every detail is made to save time, reduce waste, and deliver consistent, professional results.

Maximum thickness media + board	45 mm / 1.7"
Maximum working width	165 cm / 65"
Maximum film width	160 cm / 63"
Maximum diameter of media roll	20 cm / 7.5"
Diameter of the lamination rollers	130 mm / 5.2"
Temperature of the heating roller	Up to 60° C / 140°F
Adjustable speed	1 - 5 m/mn – 3 - 16ft/mn
Feeding tray height	101 cm / 39.8"
Shafts delivered with the machine	4 shafts
Power W – Voltage – Amps	110V - 230V - 50/60Hz - 2,5 kW
Dimensions of the machine L x D x H	202 X 58 X138 cm/ 80x23x54 inches
Net weight of the machine	150 kg - 330lbs
Shipping dimensions machine assembled L x D x H	215 X 75 X 165 cm / 85 x 30 x 65 inches
Shipping weight machine assembled	230 kg / 507lbs
Warranty	1 year

Made in China

FLAT-BED LAMINATION

KALA set the industry standard by being the first to use electric motors for precise roller control on its **AppliKator** flatbed tables. This technology powers a line of applicators designed to enhance productivity and meet the demands of intensive work cycles. KALA's systems provide exceptional performance, flexibility, and scalability for a wide range of applications, including mounting materials up to 6.5 cm (2.5 inches) thick, adhesive application, and lamination.

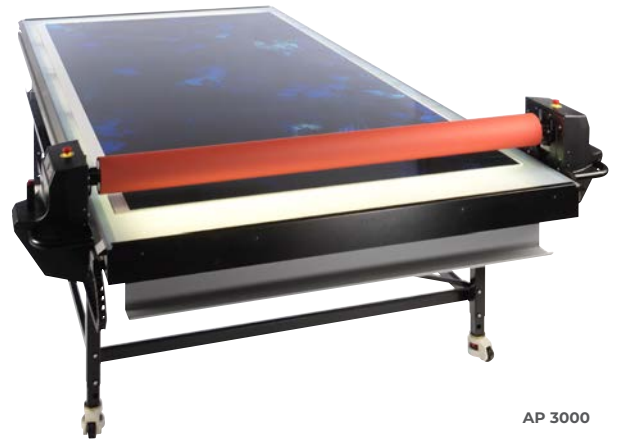
This innovation is featured across the AppliKator product lines.

AppliKator - AP 3000

The fixed size AP 3000 is perfect for handling mostly 2.4m or 3m formats. Delivered with self levelling castors as standard for ease of movement within the working environment.

Working width: 1.70m – 67"

Working length: 3.12 m – 10' 3"



AP 3000



APP 4400

AppliKator Modular - APP 2000 | 4400 | 6800 | 9200

This modular system is expandable by modules measuring 2.38 m without limitations, either upon ordering or as your business grows.

Length: base module 2.38 m – 7' 10" expandable by the same size of 2.38 m – 7' 10"

AppliKator Grande APP 2000 | 4400 | 6800 | 9200

This modular system is expandable by modules measuring 2.38 m – 7' 10" without limitations, either upon ordering or also field expandable. This system is perfect for larger scale operations allowing you to select the format that suits your needs.

Length: base module 2.38 m – 7' 10" expandable by the same size of 2.38 m – 7' 10".



GAPP 4400

FEATURES FOR ALL MODELS

- **Electric motor control** for precise roller elevation and pressure.
- **Adjustable working height** for operator comfort (80, 90, or 100 cm)
- **Maximum media thickness:** 6,5 cm - 2 ½"
- **Antistatic PVC mat** 4 mm thick cut to length, included with the machine
- **Antistatic, antiadhesive vulcanised rollers** for smooth operation and reduced material waste
- **Roller elevation system** controlled by two electrical motors on each side of the machine
- **CE-certified for safety**, electromagnetic compatibility, and durability.
- **Warranty:** 2 years

	Working Length	Total Length	Adjustable height upon installation	Additional gantry	Castors
Fixed Length					
AP 2600	250 cm – 8' 3"	283 cm – 9' 3"	85/95/105 – 33 ½"/37 ½"/41"	NO	INCLUDED
AP 3000	311 cm – 10' 2"	352 cm – 11' 7"		NO	INCLUDED
Scaleable System					
APP 2000	205 cm – 6' 9"	238 cm – 7' 10"	80/90/100 cm – 31 ½"/35 ½"/39"	NO	OPTIONAL
APP 4400	443 cm – 14' 6"	476 cm – 15' 8"		YES	NON ADAPTABLE
APP 6800	681 cm – 23'	714 cm – 24'		YES	NON ADAPTABLE
APP 9200	919 cm – 30'	952 cm – 31'		YES	NON ADAPTABLE
AppliKator Grandé					
GAPP 4400	443 cm – 14' 6"	476 cm – 15' 8"	80/90/100 cm – 31 ½"/35 ½"/39"	YES	NON ADAPTABLE
GAPP 6800	681 cm – 23'	714 cm – 24'		YES	NON ADAPTABLE
GAPP 9200	919 cm – 30'	952 cm – 31'		YES	NON ADAPTABLE

OPTIONAL EXTRAS

- LED lighting / backlighting
- Work surface material choice (wood or laminated glass)
- Roll holders / media roll supports
- Cutting bar / cutting tool adaptor
- Storage shelves / drawers / roll storage
- Special shafts / self-blocking shafts
- Self-levelling castors



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