KALA

Flat-bed lamination

OUR TECHNOLOGY DEFINES
THE **DIFFERENCE**

KALA

An unlimited production capacity!

Our tables are designed to optimize the productivity of your operators and match with the most demanding and intensive work cycles.

APPLIKATOR WITH A WORKING LENGTH OF 4,43 M/ 14' 6" AND AN ADDITIONAL GANTRY

Beyond delivering just another flat-bed applicator system, KALA brings to the table years of manufacturing expertise and engineering innovations for a system that combines:

- Performance
- Flexibility and Scalability
- Safety and Ergonomics

The purpose: optimize your work space, the safety and efficiency of your staff, thus your productivity and profit.

FLAT-BED LAMINATION

For all your mounting jobs up to 6,5 cm – 2 ½'' thick, adhesive application and lamination

APP 2000

AP 3000

APP 4400

https://vimeo.com/504396584

The difference

KALA was first to introduce flat-bed applicators with electrical motors as the source for controlling the roller's elevation motion and precise pressure application selectable from one of three pre-set pressure settings. This choice of electrical technology over pneumatic brings significant advantages that are far beyond the annoying factors linked to the use of compressors.


Safety first

• SECURITY AS A CONCEPT

The elevation motion and pressure adjustment of the roller is driven by 2 stepper motors. The two motors are synchronized very precisely by an electronical board.
This enables the combination of a safety laser cell that automatically decelerates the downward motion of the roller when an obstacle is detected, whether it be someone's hand or a tool. This is also useful when processing the most fragile materials such as foam board with a soft landing on its surface, thus no crunching marks.

Watch our video to evaluate the advantages of our electrical system. Scan the QR code or click on the link

https://vimeo.com/504402288
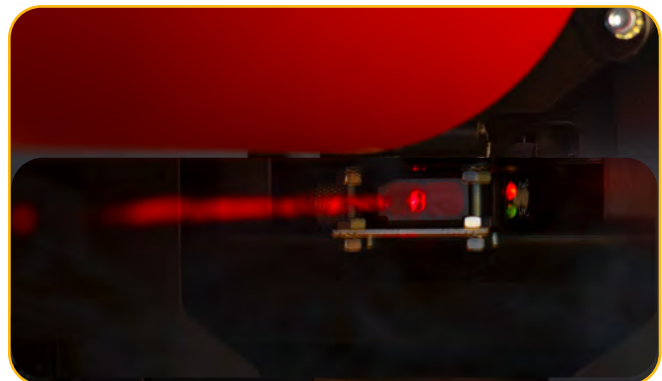
• CONNECTION TO THE POWER

The AppliKator connects to the power with a standard plug.
No compressed air link is required.

KALA

The choice of electrical technology

• PRESSURE ADJUSTMENT

The amount of pressure is selected directly from the easily accessible control panel. This accounts for repeatable and consistent results whilst eliminating the guess work required when using an air compressor.

Adjustments and operations can be set from either side of the roller gantry with 3 pressure settings programmed on site to meet your application needs
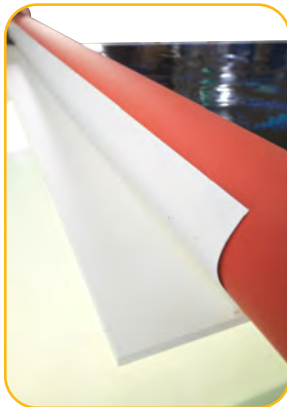
Level 1

Level 2

Level 3

• PARALLELISM WITH THE TABLE SURFACE

When applying onto boards, the roller will not slam down onto the table surface as the roller goes beyond the edge of the board, hence eliminating the need to raise the roller after each operation.

• WORK FROM EITHER SIDE OF THE TABLE

Thanks to the electronically controlled parallelism feature, the roller remains level throughout the entire width of the table. Consequently, eliminating the mandatory requirement to work only from the center as is the case with pneumatically driven systems. This center position is not as ergonomically friendly and very laborious compared to working from either side, especially when processing long and narrow pieces. Working from the side of the table is not only feasible but also more comfortable and less tiresome for the operator. The table height is ajustable and set during the assembling process so investing into a costly electrical table height adjustment system is not necessary.

As a result, improved efficiency, combined comfort and enhanced productivity.

Working height can be ad- justed upon installation at 80, 90 or 100 cm
2' 7 ½", 2' 11 ½", 3' 3 ½"

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Working Formats

Several choices, depending on your current needs or your evolution plans, to follow your growth without requiring a new complete investment

• FIXED SIZES

For shops handling mostly 3 m – 10' formats.
Delivered with self levelling castors.
Working width 1,70 m – 67"
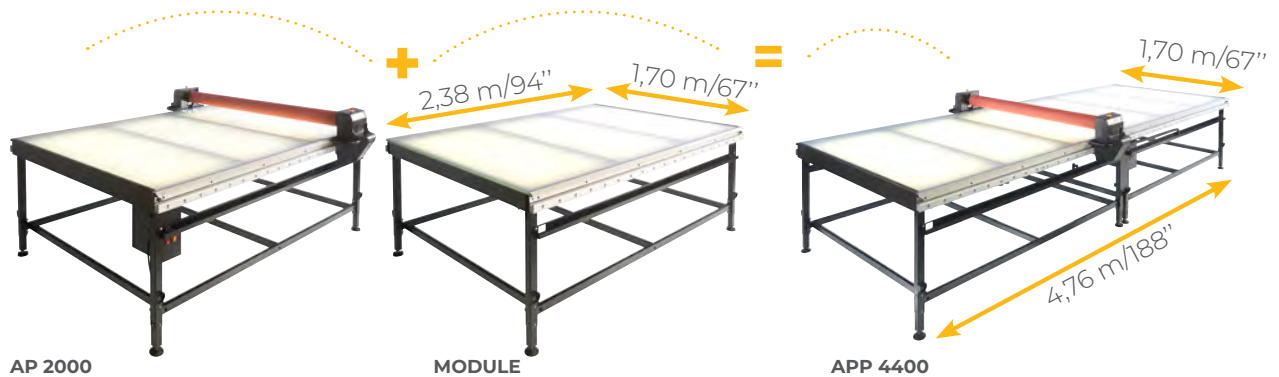Working length AP 3000 = 3,12 m – 10' 3"

AP 3000

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MODULAR AND EVOLUTIONARY SYSTEM

Evolutionary AppliKator – Width: 1,70 m – 67''
This modular system is expandable by modules measuring 2,38 m – 7' 10'' without limitations, either upon ordering or also field expandable.
Our fixed size unit 3000 is not expandable.

Length: base module 2,38 m – 7' 10" expandable by the same size of 2,38 m – 7' 10".
Delivered with standard feet. Use of castors is not compatible with table longer than 2,38 m – 7' 10".

AP 2000   **MODULE**   **APP 4400**

2,38 m/94"   1,70 m/67''   1,70 m/67''   4,76 m/188"

Additional gantry for multi operator applications on the same table.

APP 9200 – APPLICATION TABLE IN WORKING LENGTH OF 9,20 M (30') WITH TWO GANTRIES

APPLIKATOR GRANDÉ

Also modular in a usable width of 2,05 m – 6' 9"
Use of castors is not suitable with AppliKator Grandé

2,05 m/81''   4,76 m/188"

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A perfect work tool for all your finishing, this table will rapidly occupy a primary space in your production facility for mounting, cutting, assembling... and will definetly change your workflow.

● SURFACE

Laminated glass, for a perfect diffusion of back lighting (see lighting in options).
The surface is covered with a clear, antistatic, self healing and phtalate free PVC mat, 4 mm thickness.
A comfortable working surface to cut all your printed media.

The aluminium profile around the table brings a bit of finishing touch, but is also use- ful in your work.
The groove guides the cutter blade for a quick and clean straight cut of a media and there is a stop in case of cuts towards the outside, protecting the user.
For more accurate and clean cut, look at our solution in the option section.
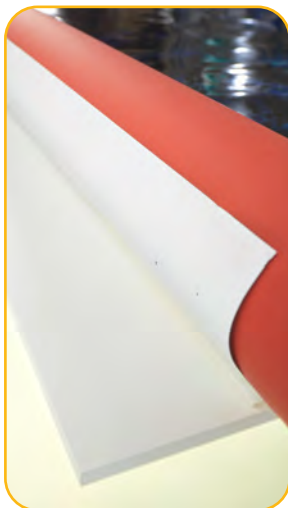
● THE ROLLER

Based on KALA's knowledge in making rollers, the choice has been made for a rubber compound with antistatic non-stick surface.
Easier and cleaner operation, less material waste and need to reprint.

● INSTALLATION

No need to break down walls!
The shipping costs are reduced compared to competition due to the compact packing of the KALA AppliKator.
This table is assembled on site and does not even require a pre-check visit.
Whether in a cellar or upstairs, we are sure that the longer table will be installed within a few hours with **one technician only.**

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Storing and Branding

STORING SPACE

The space below the table is entirely free of technical or mechanical element. Your material, work in progress, tooling, boards... can be stored underneath the table at no extra cost.
The storage promotes a cleaner more organized work area, maximizing your use of square footage.

Shelves not supplied with the machine.
Cutting drawings are available on demand.

CUSTOMIZE YOUR LAMINATION TABLE

Give your creative and finishing touch to your AppliKator table by customizing it with your brand logo or decorative design as illustrated in the image below.
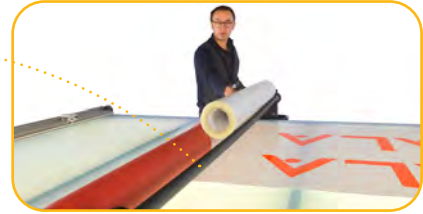Closing panels not supplied with the machine. Cutting drawings are available on demand.

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Options

● SUPPLY OF ADHESIVE ROLLS

APPSUPAXE
Available in 165 and 210 cm – 65 and 83''
The roll of material is kept in position with a bar whilst in contact with the lamination roller for a flawless unwinding of material. The scrolling bar can be used on the storage option.

For heavy and large rolls of media
APPFREIN
Available in 165 and 210 cm – 65 and 83''
Unwind the roll of media from a strong aluminium self blocking shaft with brake tension.
More support for heavy rolls of media and control of tension.
The shaft can be used on the storage option for unwinding media and is compatible with our range of laminators.
Shaft sold separately.

SELF-BLOCKING SHAFT
Available in 165 and 210 cm – 65 and 83''
Graduated media shafts. Usable from the storage position and compatible with our laminators and KalaXY trimmers.

● STORING AND MEDIA UNWIND

Storage support to be used with the self- blocking shaft and the scrolling bar described above. Perfect for unwinding media onto table and for safe storage prior to the application process.
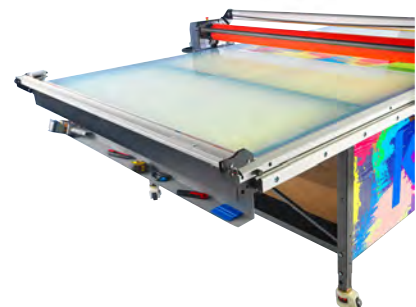
Storage system for AppliKator modular table and AppliKator Grandé
Shaft sold separately

Storage system for AppliKator in 3 m APP3000.
Shaft sold separately

Shelf
Adaptable on the long or short side of the table for storing tools and any objects used with this equipment.

KALA

Options

CUTTING ACCESSORIES

APPCUT
Adaptation of a cutting bar in 165 or 210 cm – 65 or 83"
In the Keencut range, KALA has decided to adapt the Simplex cutting bar, the most price effective of their range, to cut media and boards.
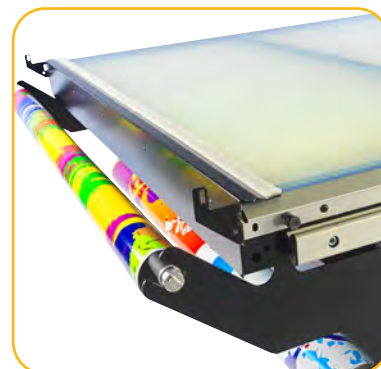When not required, the cutting bar can be removed easily from its adaptor, to leave a completely free working surface.

Perfect to combine with the storage option.
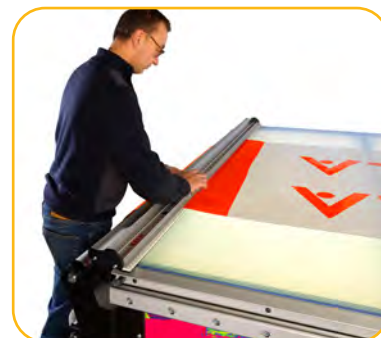
1. The cutter bar pivots to feed the media

2. adjust and lower the bar to cut on the cutting strip.

3. Removable bar for a free working surface

• CASTORS

For tables APP2000 in length of 2,38 m – 7' 10" only. **Castors are not recommended for larger size modular tables.**

LED LIGHTING

Backlighting
Very useful when weeding cutting vinyls and aligning media.
Very bright LED light for an even light diffusion with the laminated glass specifically selected for this purpose.

LED's are available for the entire length for the fixed size tables or by section of 2,38 m – 7' 10" for the modular system. All or part of the table can be lit, depending on your request and budget.

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Technical Data

SAME FOR ALL MODELS

- **Electricity**: 110 & 230 Volt, 50-60 Hz, 400 W with LED
- **Maximum media thickness**: 6,5 cm - 2 ½''
- **Working width**: 168 cm – 66" / for AppliKator Grandé: 205 cm – 81"
- **Total length**: 227 cm – 90'' / for AppliKator Grandé: 267 cm – 105"
- **Antistatic PVC mat** 4 mm thick cut to length, included with the machine
- **Roller elevation system** controlled by two electrical motors on each side of the machine
- **Warranty : 2 years**

	Working Length	Total Length	Adjustable height upon installation	Additionnal gantry	Castors
Fixed Length					
AP 3000	311 cm – 10' 2"	352 cm – 11' 7"	85/95/105 – 33 ½''/37 ½''/41''	NO	INCLUDED
Système évolutif					
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

STANDARDS

All products in this range are made in France and CE certified in compliance with the latest machine directives for:
· Electromagnetic compatibility
· Electrical safety
· User safety
Testing to obtain this certification have been performed by recognized laboratories (Apave, Emitech) with a strict obedience to the official directives. This differs from certification of exotic products, which may simply consist in an auto-certification by its manufacturer. Tests results of KALA machines are available upon demand.

SERVICE

KALA laminators are designed and built to last. You will acquire this machine with a vision to cope with your development and growth plans for a number of years. A KALA machine is an investment and not a consumable.
Most of our machines delivered 10 years ago are still working today.
We keep tracking of all parts for each serial number produced on our premises. We engage in keeping the wearing parts in our inventory **for 10 years** after the production termination date.

Find more information about our products at **www.kala.systems** and ask your distributor

2, rue de l'Ecotay
35410 Nouvoitou
France

Tel.: +33 (0) 2 99 37 64 64
E-mail : info@kala.fr
info@kala.systems

PO BOX 1114
Keller, TX. 76244-1114
USA

Tel.: 214 766 6191
E-mail : info@kala.fr
info@kala.systems

KALA

APPLIKATOR 3000

For all your work up to 3 m long (5' x 10')

To watch a live demo about our AppliKator table, scan the QR code or click on the link

https://vimeo.com/504396584

SIGNIFICANT EFFICIENCY GAIN AND TIME SAVING IN YOUR PRINT FINISHING OPERATIONS

- Lamination of any kind of adhesive material and mounting up to 65 mm (2 ½'') thickness
- Working Width 168 cm (66''), Working length 311 cm – 122"
- Electrical motors as the source for controlling the roller's elevation motion and safety control by laser sensor
- Adjustable pressure from both ends of the gantry with 3 pre-set levels for precise pressure application
- Roller stays parallel to the table surface, wherever the media is positionned on the working surface
- Assembled on site within a few hours by one technician. The table will fit in any working environment, even with narrow access.
- Delivered with self levelling castors
- Laminated glass for a smooth diffusion of backlighting. LED lighting system available as an option
- Antistatic, self-healing and phtalate free PVC mat, thickness of 4 mm, cut to the table size, included with the machine
- Adjustable height upon installation 85/95/105 cm (33 ½''/37 ½''/41'')

APPLIKATOR 3000
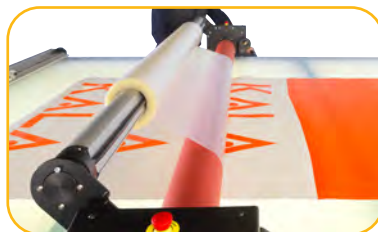
OPTIONS

SUPPLY OF ADHESIVE ROLLS

APPSUPAXE
Adhesive roll holder

APPFREIN
Adhesive roll holder on an aluminium self-blocking shaft. Delivered without shaft

AX 1650
Self-blocking shaft in 165 cm – 65''

BA 1650 30
Scrolling bar

STORING & CUTTING

STORING SYSTEM
For AppliKator 3000, to be installed at the end of the table. Delivered without shaft

SHELF
Adaptable on the long or short edge of the table

CUTTING BAR ADAPTATION
Perfect for works in series. The cutting bar is easily removable from its location.

LED LIGHTING SYSTEM
Directly connected to the power supply of the machine. Improves accuracy for the most demanding jobs.

TECHNICAL DATA

Maximum thickness	6,5 mm (2 ½")
Working width/Total width (cm – inch)	168 cm – 66' / 227 cm – 90''
Working length/Total length (cm – inch)	311 cm – 10' 3" / 352 cm – 11' 6"
Electricity	110 & 230 V, 50-60 Hz – 400 W with LED
Shipping dimensions	2 parcels: 360 x 72 x 80 cm & 233 x 72 x 75 cm (9' 6" x 2' 4" x 2' 8" & 7' 8" x 2' 4" x 2' 6")
Net Weight (kg – lb)	440 kg – 970 lb
Shipping weight (kg – lb)	about 550 kg - 1212 lb depending on the configuration
Warranty	2 years
Made in France, CE certified, based on European Machines Directives and electromagnetic compatibility CEM & FCC	

See our total range of products on our web site www.kala.systems

www.kala.systems

KALA

Made in France

CE

RoHS

We reserve the right to modify our models and equipment, as well as technical features without prior notice. - KALA SAS - ©Photos Studio Pygmalion

KALA

APPLIKATOR MODULAR

Applikator 4400 with LED kit

Flexibility in sizes for all your finishing work without a limit

To watch a live demo about our AppliKator table, scan the QR code or click on the link

https://vimeo.com/504396584

SIGNIFICANT EFFICIENCY GAIN AND TIME SAVING IN YOUR ADHESIVE MEDIA APPLICATIONS

- Lamination of any kind of adhesive material and mounting up to 65 mm (2 ½'') thickness
- Working width 170 cm (67'')
- Modular system: base model of 2,05 m – 6' 9" expandable by sections of 2,38 m - 7' 10". Chose your size upon order or have it expanded later.
- Electrical motors as the source for controlling the roller's elevation motion and safety control by laser sensor
- Adjustable pressure from both ends of the gantry with 3 pre-set levels for precise pressure application
- Roller stays parallel to the table surface, wherever the media is positionned on the working surface.
- Assembled on site within a few hours by one technician. The table will fit in any working environment, even with narrow access.
- Laminated glass for a smooth diffusion of backlighting. LED lighting system available as an option
- Antistatic, self-healing and phtalate free PVC mat, thickness of 4 mm, cut to the table size, included with the machine
- Adjustable height upon installation 80/90/100 cm – 31 ½''/35 ½'' /39''

APPLIKATOR MODULAR

⬤— MODULAR AND EVOLUTIONARY SYSTEM

EVOLUTIONARY APPLIKATOR – WIDTH: 1,70 M – 67''

This modular system is expandable by modules measuring 2,38 m – 7' 10'' without limitations, either upon ordering or also field expandable.
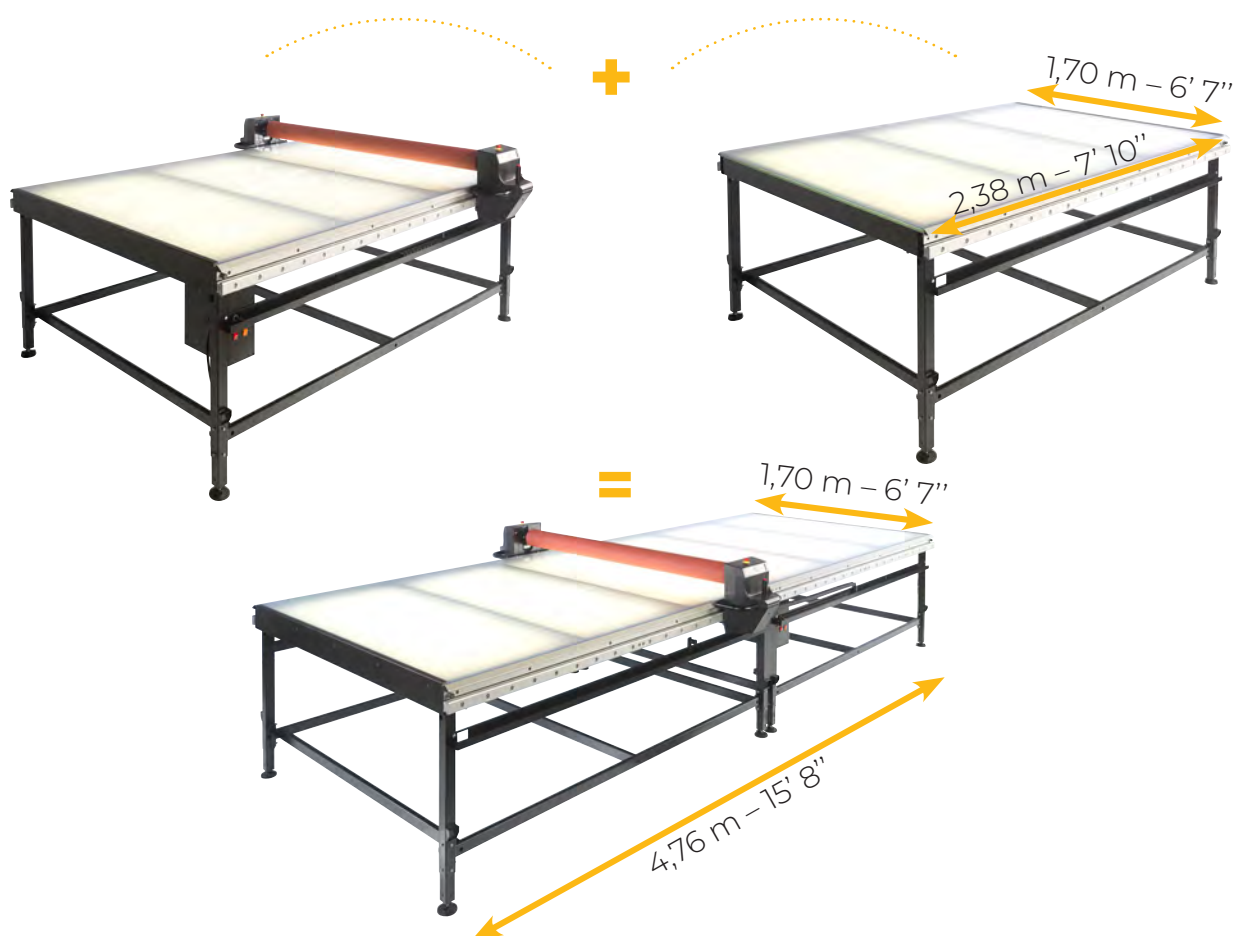Select the format that suits your needs today without wondering about future needs.
This lamination table can bring a lot of benefits to your operation and will match the evolution of your company.
Length: base module 2,38 m – 7' 10'' expandable by the same size of 2,38 m – 7' 10''.
Delivered with standard feet.
Use of castors is not suitable with the Grandé range.

Addition of a second gantry for simultaneous application on the same table

Working height can be adjusted upon installation at:
80, 90 ou 100 cm
(2' 7 ½", 2' 11 ½", 3' 3 ½")

Applikator in 9,2 m – 30' usable length with 2 gantries

APPLIKATOR MODULAR

CUSTOMIZE YOUR LAMINATION TABLE

Give your creative and finishing touch to your AppliKator table by customizing it with your brand logo or decorative design as illustrated in the image below.

Closing panels not supplied with the machine. Cutting drawings are available on demand.

OPTIONS

SUPPLY OF ADHESIVE ROLLS

APPSUPAXE
Adhesive roll holder

APPFREIN
Adhesive roll holder on an aluminium self-blocking shaft. Delivered without shaft

AX 1650
Self-blocking shaft in 165 – 65"

BA 1650 30
Scrolling bar

STORING & CUTTING

STORING SYSTEM
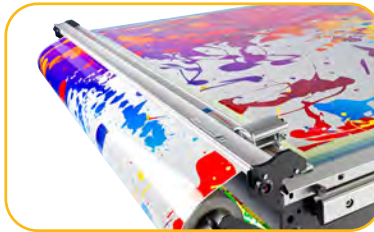To be installed at the end of the table.
Delivered without shaft

SHELF
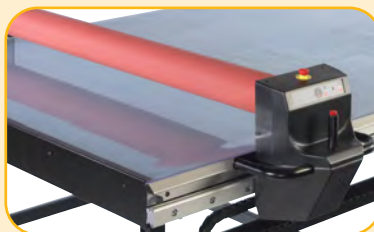Adaptable on the long or short edge of the table

CUTTING BAR ADAPTATION 165 CM
Perfect for works in series. The cutting bar is easily removable from its location.

LED LIGHTING SYSTEM
Directly connected to the power supply of the machine. Improves accuracy for the most demanding jobs.

APPLIKATOR MODULAR

—• TECHNICAL DATA

	APP 2000	APP 4400	APP 6800	APP 9200
Usable length	208 cm – 6' 10"	445 cm – 14' 6"	683 cm – 22' 5"	921 cm – 30' 3"
Total length	238 cm – 7' 10"	476 cm – 15' 8"	714 cm – 23' 5"	952 cm – 31' 3"
Usable width	170 cm – 67"			
Total width	227 cm – 90"			
Height	Adjustable 80, 90, 100 cm (2 ft 7 ½" – 2 ft 11 ½" – 3 ft 3 ⅓") upon installation			
Mounting thickness	6,5 cm – 2 ½"			
Surface of the table	Glass panels			
Antistatic PVC mat	Thickness 4 mm			
Optional castors	Yes	No		
Voltage	110 & 230 V - 50 / 60 Hz			
Power	400 W			
Weight without LED	300 kg – 660 lb	470 kg – 1040 lb	720 kg – 1590 lb	970 kg – 2140 lb
Shipping dimension without LED W x D x H	2 Pallets 232 x 72 x 100 cm 93" x 28" x 39" 232 x 72 x 75 cm 93" x 28" x 30"	2 Pallets 232 x 72 x 100 cm 93" x 28" x 39" 232 x 72 x 130 cm 93" x 28" x 51"	3 Pallets (x2) = 232 x 130 x 100 cm 93" x 28" x 39" (x1) = 232 x 130 x 75 cm 93" x 28" x 30"	3 Pallets (x2) = 232 x 130 x 100 cm 93" x 28" x 39" (x1) = 232 x 130 x 130 cm 93" x 28" x 51"
Shipping weight without LED	400 kg – 882 lb	570 kg – 1250 lb	850 kg – 1875 lb	1150 kg - 2530 lb

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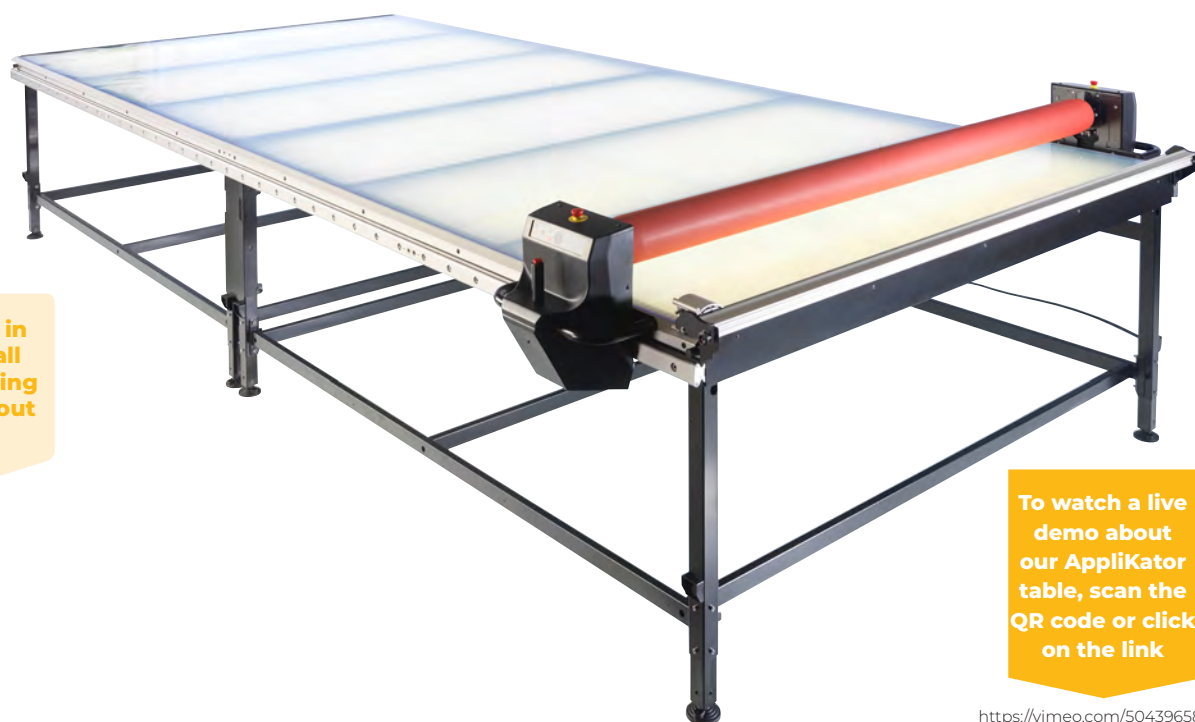
Made in France

CE

RoHS

KALA

APPLIKATOR GRANDÉ

Flexibility in sizes for all your finishing work without a limit

To watch a live demo about our AppliKator table, scan the QR code or click on the link

https://vimeo.com/504396584

Applikator Grandé 4400 with LED kit

SIGNIFICANT EFFICIENCY GAIN AND TIME SAVING IN YOUR ADHESIVE MEDIA APPLICATIONS

- Lamination of any kind of adhesive material and mounting up to 65 mm (2 ½") thickness
- Working width 205 cm (81")
- Modular system: base model of 443 cm – 14' 6" expandable by sections of 2,38 m – 7' 10". Chose your size upon order or have it expanded later.
- Electrical motors as the source for controlling the roller's elevation motion and safety control by laser sensor
- Adjustable pressure from both ends of the gantry with 3 pre-set levels for precise pressure application
- Roller stays parallel to the table surface, wherever the media is positionned on the working surface.
- Assembled on site within a few hours by one technician. The table will fit in any working environment, even with narrow access.
- Laminated glass for a smooth diffusion of backlighting. LED lighting system available as an option
- Antistatic, self-healing and phtalate free PVC mat, thickness of 4 mm, cut to the table size, included with the machine
- Adjustable height upon installation 80/90/100 cm – 31 ½"/35 ½" /39"

APPLIKATOR GRANDÉ

→ MODULAR AND EVOLUTIONARY SYSTEM

EVOLUTIONARY APPLIKATOR – WIDTH: 2,05 M – 81"

This modular system is expandable by modules measuring 2,38 m – 7' 10" without limitations, either upon ordering or also field expandable.
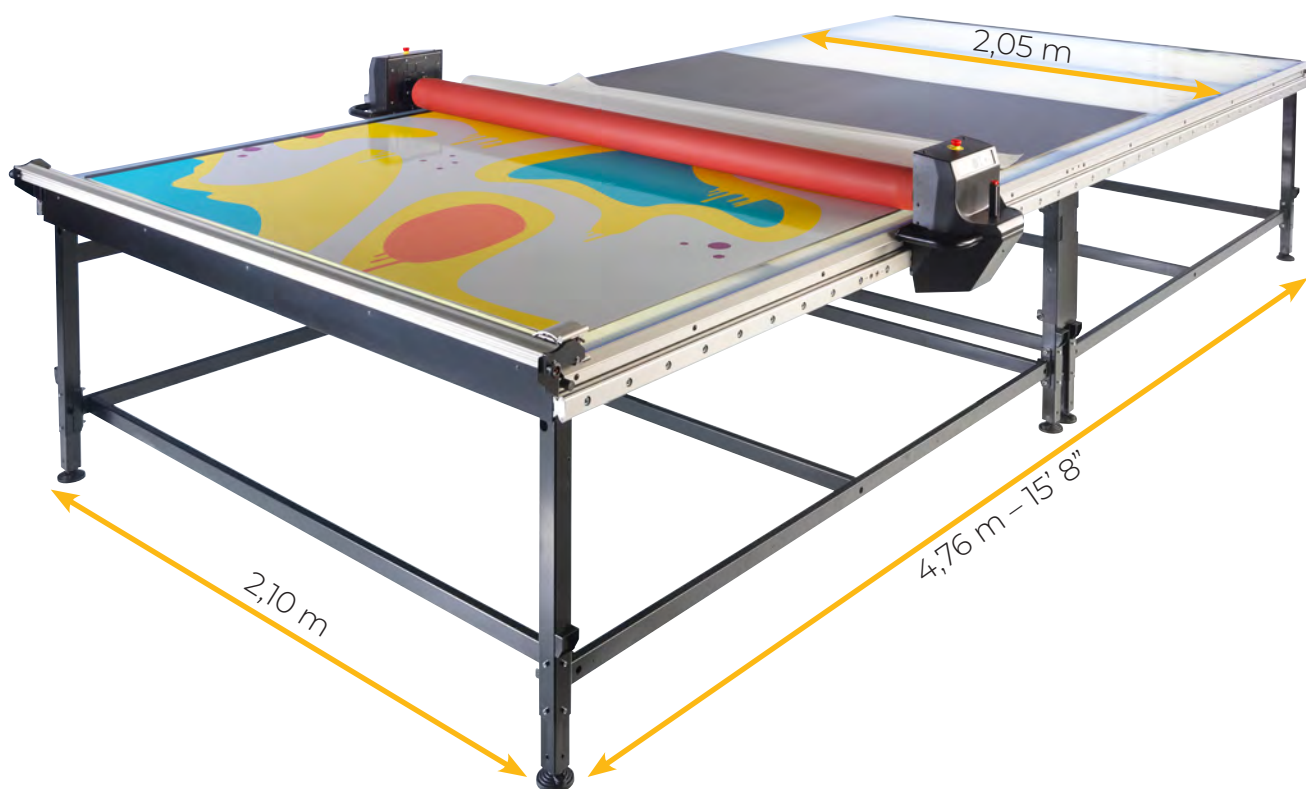Select the format that suits your needs today without wondering about future needs.
This lamination table can bring a lot of benefits to your operation and will match the evolution of your company.

Length: base module 2,38 m – 7' 10" expandable by the same size of 2,38 m – 7' 10".
Delivered with standard feet.
Use of castors is not suitable with the Grandé range.

2,05 m

4,76 m – 15' 8"

2,10 m

Working height can be adjusted upon installation at 80, 90 or 100 cm
2' 7 ½", 2' 11 ½", 3' 3 ½"

APPLIKATOR GRANDÉ

- ## CUSTOMIZE YOUR LAMINATION TABLE

Give your creative and finishing touch to your AppliKator table by customizing it with your brand logo or decorative design as illustrated in the image below.
Closing panels not supplied with the machine. Cutting drawings are available on demand.

- ## OPTIONS

SUPPLY OF ADHESIVE ROLLS

APPSUPAXE
Adhesive roll holder

APPFREIN
Adhesive roll holder on an aluminium self-blocking shaft. Delivered without shaft

AX 2100
Self-blocking shaft in 210 cm - 83"

BA 2100 30
Scrolling bar

STORING & CUTTING

STORING SYSTEM
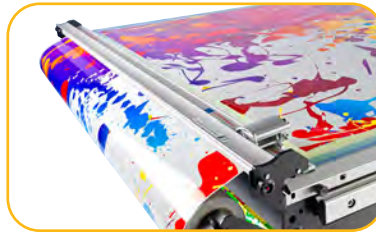To be installed at the end of the table.
Delivered without shaft

SHELF
Adaptable on the long or short edge of the table

CUTTING BAR ADAPTATION 210 CM
Perfect for works in series. The cutting bar is easily removable from its location.

LED LIGHTING SYSTEM
Directly connected to the power supply of the machine. Improves accuracy for the most demanding jobs.

APPLIKATOR GRANDÉ

—• TECHNICAL DATA

	GAPP 4400	GAPP 6800	GAPP 9200
Usable length	445 cm – 14' 6"	683 cm – 22' 5"	921 cm – 30' 3"
Total length	476 cm – 15' 8"	714 cm – 23' 5"	952 cm – 31' 3"
Working width		205 cm – 81"	
Total width		227 cm – 90"'	
Adjustable height		Adjustable 80, 90, 100 cm (2 ft 7 ½" – 2 ft 11 ½" – 3 ft 3 ⅓") upon installation	
Maximum thickness		6,5 cm – 2 ½"	
Material of the working surface		Glass panels	
Antistatic Phtalate free PVC mat		Thickness 4 mm	
Castors option		No	
Voltage		110 & 230 V – 50 / 60 Hz	
Power		400 W	
Weight without LED	670 kg – 1480 lb	1000 kg – 2200 lb	1500 kg – 3300 lb
Shipping size without LED W x D x H	2 Pallets 277 x 52 x 105 cm 109" x 21" x 42" 233 x 72 x 100 cm 92" x 28" x 39"	3 Pallets (x2) = 233 x 72 x 140 cm 92" x 28" x 55" (x1) = 277 x 52 x 105 cm 109" x 21" x 42"	3 Pallets (x2) = 233 x 72 x 140 cm 92" x 28" x 55" (x1) = 277 x 52 x 105 cm 109" x 21" x 42"
Shipping weight without LED	900 kg – 1990 lb	1 500 kg – 3 000 lb	1900 kg – 4200 lb

See our total range of products on our web site www.kala.systems

www.kala.systems

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RoHS