

KALA

Colyer.

Flat-bed lamination



OUR TECHNOLOGY DEFINES
THE **DIFFERENCE**



APPLIKATOR

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



AP 2600



APP 2000



AP 3000



APP 4400



GAPP 4400

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

<https://vimeo.com/504396584>



The choice of electrical technology

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.

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 adjustable 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 adjusted upon installation at 80, 90 or 100 cm
2' 7 1/2", 2' 11 1/2", 3' 3 1/2"

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 2,40 m – 8' or 3 m – 10' formats.

Delivered with self levelling castors.

Working width 1,70 m – 67"

Working length AP 2600 = 2,63 m – 8' 6", AP 3000 = 3,12 m – 10' 3"



AP 2600



AP 3000



• MODULAR AND EVOLUTIONARY SYSTEM

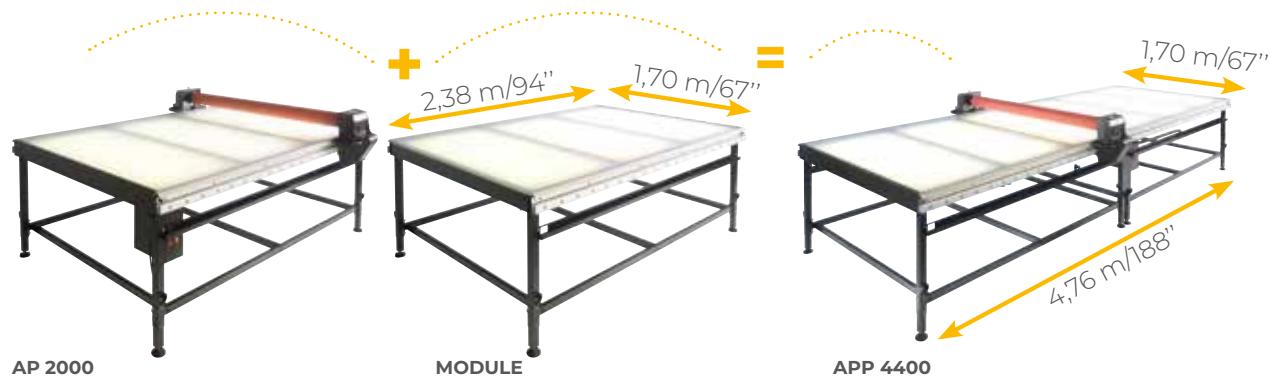
Evolutionary AppliKator – Width: 1,70 m – 67"

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 units 2600 and 3000 are 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".



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



Working environment

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 definitely change your workflow.

• SURFACE

Two types of surfaces are offered:

Laminated glass, for a perfect diffusion of back lighting (see lighting in options) or MDF stabilised wood. In both cases, 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 useful 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.

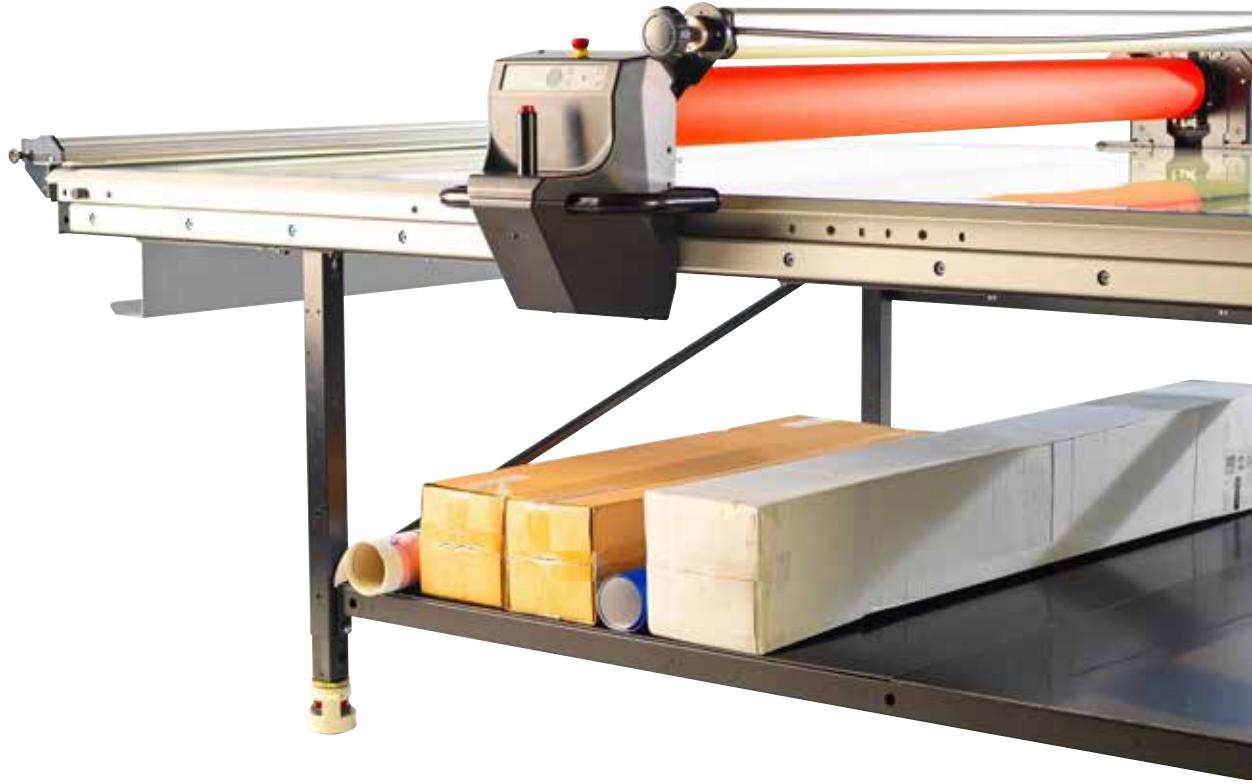
This table is assembled on site and does not even require a pre-check visit.

Whether in a cellar or upstairs, we are sure that the longer table will be installed within a few hours with **one technician only**.

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.



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 in 3 m APP3000.
Shaft sold separately

**Storage system for
AppliKator in 2,6 m – 8'
all modular table and
AppliKator Grandé**
Shaft sold separately



Shelf

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



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.



Technical Data

SAME FOR ALL MODELS

- **Électricity:** 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
- **Total length:** 227 cm - 90" / 267 cm - 105" 205 cm - 81" for AppliKator Grandé
- **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	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
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.

KALA

Find more information about our products from your local distributor...

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