

# ***ROLLSROLLER***<sup>®</sup>

## **FLATBED APPLICATOR**

# WHY CHOOSE A FLATBED APPLICATOR?

## Greater Productivity

- Application time savings of up to 80% have been achieved when compared to traditional application methods.
- A flatbed applicator can be operated by one individual for most applications. This creates labour saving opportunities.
- Up to two working hours each day can be saved in the production process by using a flatbed applicator.
- Separate work benches are no longer needed as a flatbed applicator doubles up as a work station. Everything can be done in one area; from weeding, cut vinyl graphics, applying digital prints, application tape and finally onto the substrate.

## Improved Accuracy

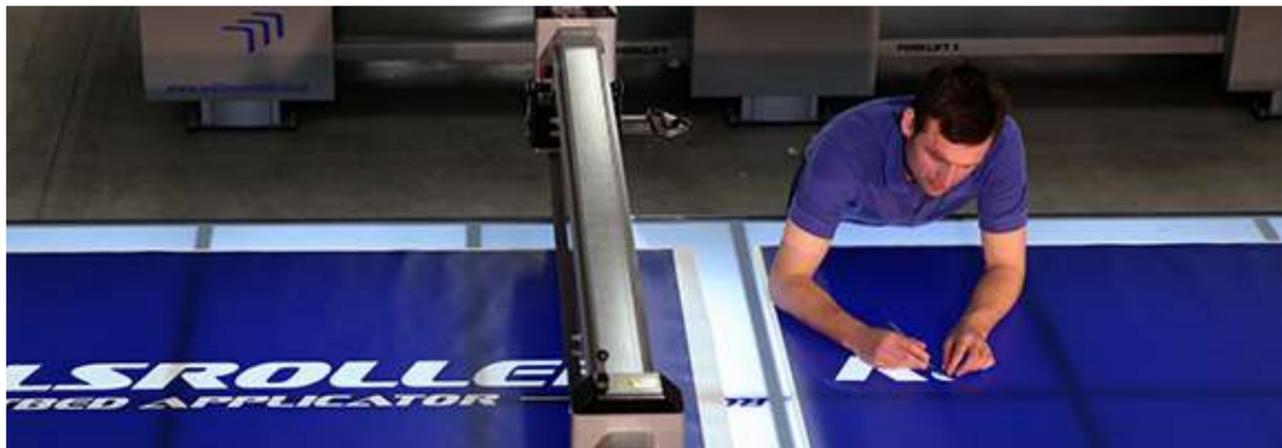
- A variable pressured roller locks the substrates into place throughout the whole application process.
- The media remains stable on the bed to enable a smooth and accurate finish every time, meaning there is a lesser need for costly reprints.

## Health and Safety

- A flatbed applicator restricts the amount of lifting and handling that needs to take place on many applications.
- Applying application tape is much simpler. Employees no longer have to walk backwards and bend over whilst holding the tape. It is done very quickly, in one single pass.
- The soft compound roller and controlled exerted pressure, makes it virtually impossible to crush fingers.
- A height adjustable table (optional) means the work surface can be adjusted to the specific height requirement of an individual.

## Flexibility

- The roller can be automatically adjusted in height to accommodate different substrates of up to 60mm thick.
- Flexible skins, hoardings, banners, digital prints, safety signs and other self-adhesive applications are all suitable for use on this machine. It can also be used for applications onto rigid panels e.g. correx, foamex, dibond and aluminium.
- Each unit is mounted on wheels for mobility.
- Traffic models are also available with inbuilt aluminium profiles on the bed for easy traffic sign applications.



“

The beauty of a Flatbed Applicator is that it is a simple machine - simple to set up, simple to operate and very low maintenance. I would certainly recommend it to other signmakers

Neil Brookfield, Fenn Graphics

”



## WHY CHOOSE SMITH?

### The original ROLLSROLLER UK Supplier.

- Hundreds of deliveries and installations in the UK by SMITH.
- Prices starting from under £10k, with payment schedules available.
- Up to 5 year parts and labour warranty, full technical support and next day service guaranteed, quick response times.
- Fully trained technical team provided for onsite installation and training - unrivalled after sales support.
- Hundreds of completely satisfied customers.
- Full PDI inhouse check prior to shipping.
- Final PDI check post installation.

### Service Commitment

- An Installation team will be on hand to organise and deliver your Applicator Machine.
- Personal training is guaranteed to help you understand the application capabilities.
- A technical support team are on hand to assist with your enquiry. Helpful hints and tips are only a phone call away.
- We will be on hand throughout the lifetime of your ROLLSROLLER.
- Demos available virtually anywhere in the UK.

## HAVE YOU SPACE TO SAVE TIME?

**ROLLSROLLER are innovative Flatbed Applicators; designed to offer a simple and accurate way to apply self-adhesive vinyls, cut vinyl graphics, digital prints or application tapes to many substrates.**

Traditional application methods are time consuming and labour intensive. Using a Multipurpose Applicator improves your productivity as applications become quicker and easier to do. Our customers agree, investing in an Applicator Machine has led to impressive time and production cost savings, as well as improvements in health and safety.

### INSTALLATION

- An Application Flatbed is delivered fully assembled requiring only a standard power and air supply.
- A forklift (supplied by the customer) is required for off loading on delivery.
- Difficult access points can be overcome by the use of specialist machinery which tilts the Applicator Machine on its side. Narrow gaps can therefore be accessed.
- If required, a full installation service can be provided by SMITH. Ask for details.
- Our installation experience means that virtually no workspace is inaccessible

### TRAINING

- To achieve the best results a complete training service is available on site or prior to delivery. Ask for details.
- A comprehensive instruction manual is supplied.
- Any training can be tailored towards the requirements of each individual customer.

**FREE DEMO!**

A full demonstration of a Flatbed Applicator is available upon request. Call SMITH on 01833 694700

# THERE IS A ROLLSROLLER® TO SUIT YOU.

## Entry Models

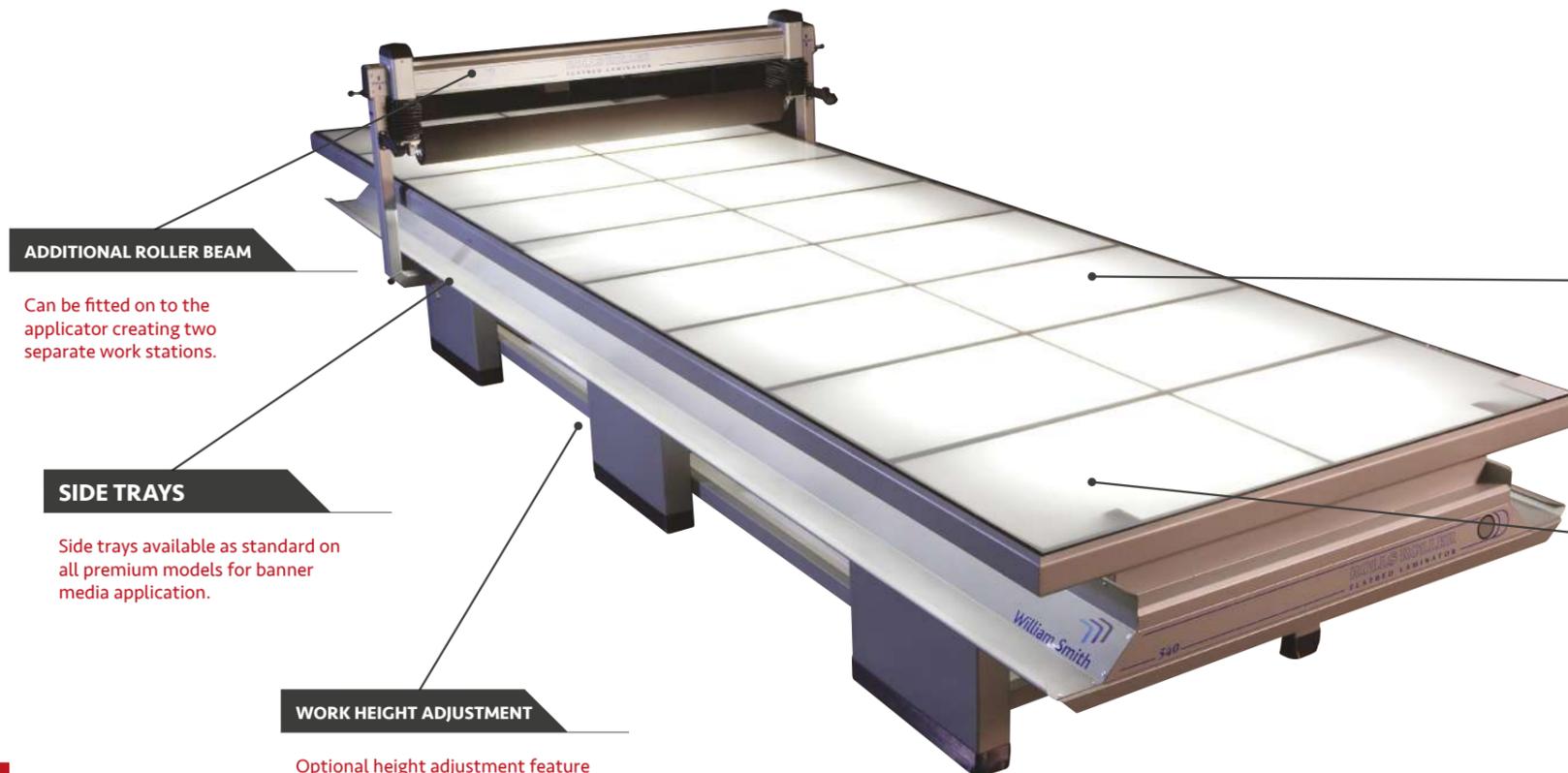
- Fast setup with low investment cost
- Delivered flat packed to reduce shipping costs
- 2.8m x 1.45m or 3.4m x 1.45m models available

## Regular Models

- Includes LED light table
- Includes storage trays
- 2.8m x 1.45m to 4m x 1.7m models available

## Premium Models

- Meets the needs of high volume production
- With side trays for banner applications
- Upgraded LED light table
- Optional heat assisted roller
- 4m x 1.5m to 10.8 x 1.7m models available



**ADDITIONAL ROLLER BEAM**

Can be fitted on to the applicator creating two separate work stations.

**SIDE TRAYS**

Side trays available as standard on all premium models for banner media application.

**WORK HEIGHT ADJUSTMENT**

Optional height adjustment feature is available on all premium models, meaning the machine height can be adjusted to suit individual work height between 750mm and 1100mm.



**PACKERS**

Available for all models, packers can be used to enable a smooth application on tray signs.



**SELF-SEALING CUTTING MAT**

These 5mm thick transparent cutting mats are available to fit the size of the work surface. Designed to last beyond 2 years, both sides can be used. New replacement mats are also available when required.

**ILLUMINATION**

Upgraded LED light tray provides excellent back lighting for the registration process and is more economical than previous fluorescent tube models. The illuminated table surface makes this applicator ideal for use with multi-coloured or translucent graphics.

**SILENT COMPRESSOR**

Can be used on a stand alone machine. No connection to an air supply is therefore required.



**EXTENSION TABLE**

Extension tables to match the height of the ROLLSROLLER work surface are available with side trays for larger banner, flexible skin and sign applications.

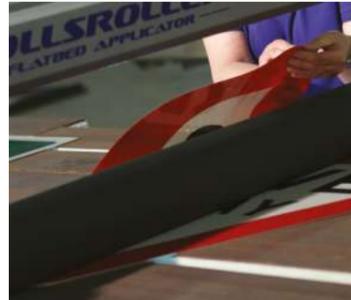


“ The ROLLSROLLER has significantly reduced the amount of materials we use - for instance, we are not using as much application tape - and we are already seeing return on investment in this area alone ”

Paul Fennon, EVM

# A ROLLSROLLER® FOR EVERY WORKSPACE

	ROLLSROLLER ENTRY 150	ROLLSROLLER ENTRY 280	ROLLSROLLER ENTRY 340	
ENTRY RANGE	150/100E	280/145E	340/145E	340/170E
Bed length (mm)	1500	2800	3400	3400
Bed width (mm)	1000	1450	1450	1700
Length of working area (mm)	1230	2500	3100	3100
Width of working area/roller width (mm)	930	1400	1400	1630
Overall width incl. Glide beam (mm)		1685	1685	1985
Overall height incl. Glide beam (mm)	875	1340	1340	1340
Max. thickness of sign substrate (mm)	60	60	60	60
ExtRoller adjustment*	X	X	X	X
Work height table bed	875	875	875	875
Work height adjustment, 750-1100mm	X	X	X	X
Power Supply Height Adjustment	X	X	X	X
Bed surface	Aluminium & Cutting mat			
Removable AL Flatbed top + Cutting mat	X	X	X	X
LED Light Table	X	X	X	X
Illumination light tubes	X	X	X	X
Power Supply (if illuminated)	X	X	X	X
Roll holder for Glide Beam	✓	✓	✓	✓
Roll holder for bed end	✓	✓	✓	✓
Side trays	X	X	X	X
Side tray roll holder	-	-	-	-
Storage trays	X	X	X	X
Wheels	4	4	4	4
Machine feet	✓	✓	✓	✓
Required air pressure	6-8bar / 87-116psi	6-8bar / 87-116psi	6-8bar / 87-116psi	6-8bar / 87-116psi
Silent compressor 45db	✓	✓	✓	✓
Weight (kg)	175	250	270	305
Stop static kit cord and magnet	✓	✓	✓	✓
Warranty	Up to 2 years			



✓ Yes   ✓ Optional   X No / Not applicable   \* to enable substrates up 100mm



	ROLLSROLLER 280	ROLLSROLLER 340		ROLLSROLLER 400	
REGULAR RANGE	280/145R	340/145R	340/170R	400/145R	400/170R
Bed length (mm)	2800	3400	3400	4000	4000
Bed width (mm)	1450	1450	1700	1450	1700
Length of working area (mm)	2500	3100	3100	3700	3700
Width of working area/roller width (mm)	1400	1400	1630	1400	1630
Overall width incl. Glide beam (mm)	1685	1685	1985	1685	1985
Overall height incl. Glide beam (mm)	1400	1400	1400	1400	1400
Max. thickness of sign substrate (mm)	60	60	60	60	60
ExtRoller adjustment*	X	X	X	X	X
Work height table bed	875	875	875	875	875
Work height adjustment, 750-1100mm	X	X	X	X	X
Power Supply Height Adjustment	X	X	X	X	X
Bed surface	Glass & Cutting mat				
Removable AL Flatbed top + Cutting mat	X	X	X	X	X
LED Light Table	✓	✓	✓	✓	✓
Illumination light tubes	8x40w	8x60w	10x60w	12x40w	15x40w
Power Supply (if illuminated)	240v/50Hz 320w	240v/50Hz 480w	240v / 50Hz 600w	240v/50Hz 480w	240v/50Hz 480w
Roll holder for Glide Beam	✓	✓	✓	✓	✓
Roll holder for bed end	✓	✓	✓	✓	✓
Side trays	✓	✓	✓	✓	✓
Side tray roll holder	-	-	-	-	-
Storage trays	✓	✓	✓	✓	✓
Wheels	4	4	4	4	4
Machine feet	✓	✓	✓	✓	✓
Required air pressure	6-8bar / 87-116psi				
Silent compressor 45db	✓	✓	✓	✓	✓
Weight (kg)	410	430	450	490	575
Stop static kit cord and magnet	✓	✓	✓	✓	✓
Warranty	Up to 5 years				

✓ Yes   ✓ Optional   X No / Not applicable   \* to enable substrates up 100mm



# A ROLLSROLLER® FOR EVERY WORKSPACE

	ROLLSROLLER 400	ROLLSROLLER 540	
PREMIUM RANGE	400/170P	540/170P	540/220P
Bed length (mm)	4000	5400	5400
Bed width (mm)	1700	1700	2200
Length of working area (mm)	3600	5000	5000
Width of working area/roller width (mm)	1630	1630	2050
Overall width incl. Glide beam (mm)	1980	1980	2415
Overall height incl. Glide beam (mm)	1500	1500	1500
Max. thickness of sign substrate (mm)	60	60	60
ExtRoller adjustment*	✓	✓	✓
Work height table bed	875	875	875
Work height adjustment, 750-1100mm	✓	✓	✓
Power Supply Height Adjustment	240v / 50Hz 360w	360w 240v / 50Hz	720w 240v / 50Hz
Bed surface	Glass & Cutting mat	Glass & Cutting mat	Glass & Cutting mat
Removable AL Flatbed top + Cutting mat	✗	✗	✗
LED Light Table	✓	✓	✓
Illumination light tubes	12x40w	16x40w	20x40w
Power Supply (if illuminated)	240v/50Hz 360w	240v/50Hz 640w	240v/50Hz 800w
Roll holder for Glide Beam	✓	✓	✓
Roll holder for bed end	✓	✓	✓
Side trays	✓	✓	✓
Side tray roll holder	✓	✓	✓
Storage trays	✗	✗	✗
Wheels	4	6	6
Machine feet	✓	✓	✓
Required air pressure	6-8bar / 87-116psi	6-8bar / 87-116psi	6-8bar / 87-116psi
Silent compressor 45db	✓	✓	✓
Weight (kg)	610	800	1000
Stop static kit cord and magnet	✓	✓	✓
Warranty	Up to 5 years	Up to 5 years	Up to 5 years



✓ Yes ✓ Optional ✗ No / Not applicable \* to enable substrates up 100mm

	ROLLSROLLER 605	ROLLSROLLER 1080
PREMIUM RANGE	605/170P	1080/170P
Bed length (mm)	6050	10800
Bed width (mm)	1700	1700
Length of working area (mm)	5650	10400
Width of working area/roller width (mm)	1630	1630
Overall width incl. Glide beam (mm)	1980	1980
Overall height incl. Glide beam (mm)	1500	1500
Max. thickness of sign substrate (mm)	60	60
ExtRoller adjustment*	✓	✓
Work height table bed	875	875
Work height adjustment, 750-1100mm	✓	✗
Power Supply Height Adjustment	720w 240v / 50Hz	720w
Bed surface	Glass & Cutting mat	Glass & Cutting mat
Removable AL Flatbed top + Cutting mat	✗	✗
LED Light Table	✓	✓
Illumination light tubes	14x40w + 4x18w	32x4w
Power Supply (if illuminated)	240v/50Hz 800w	240v/50Hz 1280w
Roll holder for Glide Beam	✓	✓
Roll holder for bed end	✓	✓
Side trays	✓	✓
Side tray roll holder	✓	✗
Storage trays	✗	✗
Wheels	6	12
Machine feet	✓	✓
Required air pressure	6-8bar / 87-116psi	6-8bar / 87-116psi
Silent compressor 45db	✓	✓
Weight (kg)	850	1480 min
Stop static kit cord and magnet	✓	✓
Warranty	Up to 5 years	Up to 5 years



✓ Yes ✓ Optional ✗ No / Not applicable \* to enable substrates up 100mm



# A ROLLSROLLER® FOR EVERY WORKSPACE

	ROLLSROLLER TRAFFIC 400	ROLLSROLLER TRAFFIC 400	ROLLSROLLER TRAFFIC 600	ROLLSROLLER TRAFFIC 600	ROLLSROLLER TRAFFIC 1080
TRAFFIC RANGE	400/145T	400/170T	600/145T	600/170T	1080/145T HS
Bed length (mm)	4000	4000	6000	6000	10800
Bed width (mm)	1450	1700	1450	1700	1450
Length of working area (mm)	3700	3700	5700	5700	10500
Width of working area/roller width (mm)	1400	1630	1400	1630	1400
Overall width incl. Glide Beam (mm)	1685	1980	1685	1980	1685
Overall height incl. Glide Beam (mm)	1400	1400	1400	1400	1400
Max. thickness of sign substrate (mm)	60	60	60	60	60
ExtRoller adjustment*	X	X	X	X	X
Work height table bed	905	905	905	905	905
Work height adjustment, 750-1100mm	X	X	X	X	X
Power Supply Height Adjustment	X	X	X	X	X
Bed surface	Adjustable AL profiles				
Removable AL Flatbed top + Cutting mat	2000 x 1450	2000 x 1700	3000 x 1450	3000 x 1700	-
LED Light Table	X	X	X	X	X
Illumination light tubes	X	X	X	X	X
Power Supply (if illuminated)	X	X	X	X	X
Roll holder for Glide Beam	✓	✓	✓	✓	✓
Roll holder for bed end	✓	✓	✓	✓	✓
Side trays	X	X	X	X	X
Side tray roll holder	X	X	X	X	X
Storage trays	✓	✓	✓	✓	✓
Wheels	4	4	6	6	12
Machine feet	4	✓	6	✓	✓
Required air pressure	6-8bar / 87-116psi				
Silent compressor 45db	✓	✓	✓	✓	✓
Weight (kg)	300 min	610	450	850	1300 min
Stop static kit cord and magnet	✓	✓	✓	✓	✓
Warranty	Up to 5 years				

✓ Yes   ✓ Optional   X No / Not applicable



# ACCESSORIES

Great accessories to improve and modify your ROLLSROLLER.



### EXC KEENCUT EVO 3

The ultimate manual cutter for wide format and graphic materials. It reduces errors and wastage. The double head provides single handed cutting in both directions. Guaranteed for five years.



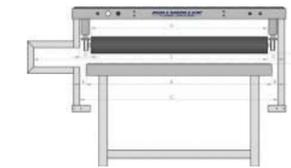
### ROLL CRADLE 400

Roll Cradle 400 is a media holder with rollers that facilitate the winding of roll media. Its placed in the side trays or directly on the flatbed.



### EXTENDED ARM

With the Extended Arm, which is removable, you can use panels wider than the actual flatbed. Available on Premium models.



### ROLL HOLDER

The Roll Holder is standard equipment, and is attached to one of the short sides and to the glide beam. An extra Roll Holder can be mounted on the flatbed's opposite short side.



### GUIDE SIGN JIG

Guide Sign Jig is an flexible accessory that is used on a ROLLSROLLER® with flatbed worktable (does not fit model Traffic). The jig stays directly on the bed and creates a support when applying to bent metal plates and extruded panels like guide signs.



### CUSTOMIZED JIG

For traffic sign manufacturing. The jig has a start and stop space next to the sign to create a support for the pressurized roller. The jig is oversized to create a support for the pressurized roller when moving on and off the sign face.



### EXTRA GLIDE BEAM

An extra Glide Beam creates a second workstation. Double productivity on the same floor space.



### LONG REACH CUTTER

Cutter with titanium blade and a long handle. Two models: 600 mm / 2ft. 900 mm / 3ft. Extra titan blades 10pcs are included.



### HEAT ROLLER 170P

Heated Roller (30-50°C / 86-122°F) that reduces the appearance of micro bubbles (silvering) upon application of laminate. Faster delivery to the customer without lead times.



### LONG LIFE COMPRESSOR XXL

Choose Long Life XXL Compressor if your ROLLSROLLER® is equipped with one or more of the following accessories: Extended roller adjustment. > 110mm. Extra glide beam



### LONG LIFE COMPRESSOR

Reliable, oil-free, silent (57dB) and low maintenance (replacement of filters 1 time / year) compressor. 3 years warranty.



### ROLLSROLLER® RULER

Robust cutting ruler, perfect for cutting foil and print material. Dual measuring scales (cm / in).



### ROLL CRADLE 1300

Roll Cradle is a media holder with rollers that facilitates the winding of roll media. It's placed in the side trays or directly on the flatbed.



### ANTISTATIC SYSTEM

An active ioniser follows the glide beam and neutralizes static electricity and prevents dust in the work area.



### AIR BLOW GUN

Blows away cut chips and dirt from the substrate. Connects to the glide beam's air system and retro fits any model.



### ROLLSROLLER® SCISSORS

The original ROLLSROLLER® scissors.



← PREVIOUS

# Makers Since 1832

Direct to you. Not your customers.



01833 694700

[info@smith-signdisplay.co.uk](mailto:info@smith-signdisplay.co.uk)

[www.smith-signdisplay.co.uk](http://www.smith-signdisplay.co.uk)

 Smith Sign and Display / @Smith1832

 @smiths1832

 @Smiths1832

William Smith Group 1832  
Grove Works Queen Street Barnard Castle DL12 8JQ

PART OF WILLIAM SMITH GROUP 1832

