

# CATALOG 2020 Let's enter the WORLD of TRANSFER

Designer & manufacturer of equipments and consumables for all printing solutions

www.promattex-international.com



# We are at your service since 1996.

Promattex positions itself as the specialist of new printing techniques on several media including textile and hard surfaces. For the past twenty years, Promattex has been a premier source for printers, heat presses, cutting plotters, substrates, consumables serving the graphic art, photography, prepress, and desktop publishing industries. Promattex works in partnership with key industry manufacturers to provide small businesses and entrepreneurs with superior, cost effective solutions. Our products are developed with meticulous attention to quality and utility. Promattex offers expert knowledge, informed guidance, and superior customer support.

Leading brands distributor (Epson, Roland, Sawgrass, Graphtec, Kala, Oki, Summa, Ricoma, Transmatic, Riso, Ricoh, Chromaluxe, Forever), Promattex also designs and manufactures its own product lines (transfer presses, cutting plotters, printable vinyl cut-outs, wide range of sublimation media...).

Levery year we try to add new products to the market in order to offer the most relevant solutions in a constantly changing market. Eager to always select the best solutions and work with the best partners, this year again the range expands with the arrival of new products and new partnerships.

he range of sublimation printing materials is expanding with the arrival of a new machine: the Epson SC-F500 printer, the smallest in the range with its 24" (61cm). It is ideal for accompanying advertising agencies, photo labs, clothing manufacturers and copy shops to expand their offering through flexible, high-quality printing.

Screen printing solutions are enriched with the Oki 9541WT which allows a screen printing transfer in full color. This new system makes it possible to personalize light and dark textiles with five-color prints (CMYK + white) thanks to digital printing and a single screen.

he new transfer paper FOREVER for multiple applications. A laser transfer paper that offers an alternative to tattooing, and four new printing papers dedicated to sublimation for applications on cotton textiles. These new solutions offer the possibility of printing with glitter renderings on light and colored textiles.

Doming, a new area of expertise, is a process that adds value to any shape or size non porous material by coating the surface with a thick layer of polyurethane resin. It has great surface tension so domes up beautifully at the edge of wherever it's applied.

Chromaluxe and Unisub complete an ever richer range of sublimation blanks: high definition photo panels (either wooden, steel or aluminum made) and a whole range of gift products. With more than 900 customizable media, Chromaluxe and Unisub enrich an already rich range and probably one of the largest in Europe and provide the highest quality sublimatable custom products.

his year again, we have already proposed our unbranded sublimation blanks catalogues for both your use and your customers! These neutral sales materials (without price or mention of Promattex) will allow you to present to your customers more than 900 personalized gift ideas, advertising and so much more...

All what is left to do now is to discover the diversity of Promattex offer and enter in the Marking Universe!



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# **TEE-SHIRT HEAT PRESSES PROMAPRESS**

Promattex offers seven models of t-shirt heat presses. The lower plates are available in three formats: 38 x 38 cm, 40 x 50 cm and 60 x 40 cm. The closing system can be manual, pneumatic or semi-automatic with single or double stations. Our heat presses are designed either for textile or for flat media, small and large-scale production. They are all equipped with a "U" form stand and a digital display of temperature and timer.

### HEAT PRESSES / MANUAL PRESSES

### TS-3838MER, TS-4050MER & TS-6040MER



Affordable, these presses are perfect to start in heat transfer business with small or medium production. They are perfectly suited for shops, associations, sport clubs, festivals or mobile stands.

The closure of the heating plate parallel to the lower plate allows the marking on products up to 4 cm thickness.

The lateral opening of the heating plate combined with the lower plate with front drawer offer a better accessibility and a working comfort for the positioning of tee shirts and logos.

| CHARACTERISTICS                         |   |                         |                         |
|---|---|-------------------------|-------------------------|
|   | TS-3838MER  | TS-4050MER              | TS-6040MER              |
| Size                                    | 38 x 38 cm  | 40 x 50 cm              | 60 x 40 cm              |
| Stand                                   | Stand form "U"  |                         |                         |
| Power (W), Voltage (V) and Amperage (A) | 1 500 W, 220 V and 6,7 A  | 2 000 W, 220 V and 10 A | 2 000 W, 220 V and 10 A |
| Interface                               | Timer with alarm, time setting from 0 to 999 sec. and digital thermostat from 0 to 250 $^\circ$ C |                         |                         |
| Dimensions (L x H x D cm)               | 40,5 × 43 × 60  | 43 x 52 x 64            | 67 x 64 x 49            |
| Weight (kg)                             | 43  | 50                      | 57                      |
| Warranty                                | 1 year return with the original packaging   |                         |                         |

### SEMI AUTOMATIC PRESSES

### TS-3838EAER & TS-4050EAER

These semi-automatic presses (format 38 x 38 cm & 40 x 50 cm) close manually and open automatically once the pre-set time has been reached thanks to it's electromagnetic device, thus preventing from burning the garment.



### TS-4050PER

The Promashirt **TS-4050PER** is a pneumatic press of  $40 \times 50$  cm format for textile and other flat media with a thickness up to 4 cm.

Compared with a manual press, its pneumatic system secures a uniform pressure overall the surface of your media and ensures a non-tiring work whether you do small or large scale production up to 1000 pieces a day.

Once the upper heating plate is above the lower plate, it closes by simultaneously pressing the buttons on the sides. This upper position of both hands prevents the operator from any accident.





### TS-4050P2ER

The Promashirt **TS-4050P2ER** is a pneumatic press of 40  $\times$  50 cm format for textile and other flat media with a thickness up to 4cm. With its fixed double plate, you improve your productivity. When one tee shirt is pressed, the operator prepares the next tee shirt on the second station and so on. According to the type of transfer, one operator can produce up to 240 pieces per hour.

The double stations is fixed and only the upper heating plate moves. Thanks to this system, media and logos do not move during the transfer.





# HEAVY DUTY STAND WITH LOCKABLE CASTERS

Promattex heat presses can be placed on this heavy-duty steel stand with lockable caster to ensure mobility and good stability. These tables are equipped with adjustable shelves you can use to suit your work environment.

The large model can be used as a work surface leaving a free space around the press to place your impressions and other accessories.

Two available sizes (L x H x D): 45 x 60 x 65 cm 75 x 60 x 120 cm



# Accessories



Protection covers Avalaible for all the presses



Kit 4 plates 13 x 13, 18 x 38, 30 x 35 and 12 x 45 cm



Silicone foam mat 40 x 50 and 100 x 100 cm For laser transfer and some sublimation media



Laser pointer For logo positionning on a transfer press



Non-sitck cover Format 40 x 50 cm



Shoes Plate Marking area: 5 x 10 cm



Non-stick protective sheets - 4 sizes available



for large format presses

Parchment paper Package of 100 sheets 40 x 50 cm

# LARGE FORMAT HEAT PRESSES PROMAPRESS

The new range of heat transfer presses for large format sublimation was especially designed to respond to the market which is in constant development. The new range is composed of an electromagnetic press with a heat plate of 80 x 60 cm, and 3 pneumatic presses with sizes from 110 x 80 cm to 160 x 110 cm.

To guarantee quality work, the lower plate of our presses has undergone a special development: a special sublimation foam 4 cm thick, covered with a felt carpet 1 cm thick and of a protective cover to ensure quality markings.

# ELECTROMAGNET PRESS

### GF-8060EATR

The **GF-8060EATR** is an electromagnet press with a clam shell opening system and a front drawer for transfer on textile and others flat media of a  $80 \times 60$  cm format and a thickness up to 3.5 cm.

This press is recommended for its flexibility and its various applications.

It provides the same results as a standard press  $40 \times 50$  cm format, eases the printing on lambrequins and allows to enter the market of middle format sublimation. Its  $80 \times 60$  cm plate allows the printing on bigger supports (pillowcase, cushions, carpets, photo frame canvas, towels...) and improve your sublimation productivity thanks to the multi-ups (pressed at once 95 visit cards, 35 tiles format  $10.8 \times 10$  cm or a whole fresco...) The combination of an easy closing with its ergonomic grip and the electromagnet automatic opening provide a real working comfort.

Promattex advises the use of the **GF-8060EATR** for small and medium productions and the **GF-10575PTR** pneumatic press fir bigger productions.





# **PNEUMATIC PRESSES**

### GF-11080PTR

The **GF-11080PTR** is a pneumatic press for transfer on textile and other flat media of a  $110 \times 80$  cm format. The parallel closing of the heating plate allows the marking of thicker media up to 5 cm.

Highly versatile, it opens up the market for the manufacture of sports wear. Its large working surface allows the realization of complete cloth patterns. Its 110 cm width meets the requirements of large format printers 44" (111.8 cm length).

The 110 x 80 cm plate allows the marking on even larger supports and improves even more the productivity with the multi exposure (press at once 180 visit cards, 54 tiles of  $10.8 \times 10.8 \text{ cm}$ , a whole fresco...).

Its pneumatic system – which requires a compressor – guarantees an effortless work even for large production series as the closing of the heating plate is activated using the 2 push buttons and the opening is automatic.













### Easy maintenance!

The heat resistance are easy to change, because this no longer requires disassembly of the plate. The presses **GF-120100P2MR**, **GF-160110P2MR**, **GF-120100P2TR** and **GF-160110P2TR**, are double-stations pneumatic presses for transfer to textiles and other flat supports. These presses are perfectly adapted to the requirements of industrial sublimation productions in the manufacture, interior decoration, sportswear, visual communication... The width of 120 cm of the **GF-120100P2**x**R** is suitable for large format printers 44" (111.8 cm width), and that of the G**GF-160110P2**x**R** to 64" printers (162.5 cm width).

### GF-120100P2MR AND GF-160110P2MR



The double charging of **P2MR**, foreside and backside, allows several work organizations. One operator can work alone with one or both plates: while the A plate is pressed, the B plate is prepared. When the heating plate opens, the operator pushes the B plate which replaces the A plate under the heating plate. With two operators, the production capacity is multiplied: the press transfers nonstop.

### GF-120100P2TR ET GF-160110P2TR

The **P2TR** have a fixed heating plate and two lower sliding trays. Moving the trays is done manually with a system of back and forth. Both trays are loaded from the front. Once positioned, it is the lower plate that rises in contact with the heating plate. This particularity of the **P2TR** allows a better quality of transfer and a longer life of the press because the jacks are less urged.



# COMPRESSORS

The compressors are essential to the good working of the pneumatic transfer presses. To combine with pneumatic presses, Promattex International offers its new range of soundproof compressors. Their low sound level ensures the compressors to be safely placed next to presses. These compressors, provided with oil free technology have many assets: they consume less energy than an oil compressor, their clean technology is more ecological, they need less maintenance and the machine's durability is optimized.

### PROMAAIR 24 L

This 24 liters capacity compressor is advised to realize one-off productions or small series. The low sound level and the space saving form of the 24L promaAir make it ideal for shops.



\*Kit to connect the compressor available.

### PROMAAIR 65 L

This 65 liters capacity compressor is advised to realize small or medium series with a single or double station presses. The low sound level ensures the compressor to be safely placed next to your pneumatic press in



### PROMAAIR 140 L

The PromaAir 140L compressors fit for workshops and are intended for an intensive or non-stop use with single or double station large pneumatic presses.



# SUBLIMATION OVEN

### PROMAFOUR 15MR

Allows to mark up to 15 or 20 standard mugs simultaneously and allows to print any type of products according to the tension system used. Its small size and affordable price make it the perfect solution to start in mugs production. To benefit from a daily production capacity of 600 mugs (80 mugs / hour), use extra baskets and wrap mugs to prepare your mugs while you heat them and supply your oven continuously.

Basket for mugs

Mug Clamp

T-SHIRT HEAT PRESSES, CALENDERS AND SUBLIMATION OVENS





### SUBLIMATION IN 3DIMENSIONS!

Promattex offers a versatile and practical 3D oven to sublimate all kinds of flat or curved hard supports treated with polyester and heat resistant (textile, ceramic, aluminum, glass, plastic, resin...) such as smartphone cases, mugs, plates...

How does a 3D oven work? Like a press, the 3D oven combines heat and pressure to transfer the visual to the support. In the oven, the pressure is exerted by the air vacuum, thanks to an integrated air pump. A perfectly hermetic silicone sheet covers and plates the transfer paper on the support. The constant heat allows excellent color transfer.

# 3D OVEN

The 3D oven has a useful format "A3" of  $30 \times 40$  cm that allows you to easily sublimate many flat and curved supports (plates, tiles, puzzle...) and increase production by multipose (several mugs or smartphone cases at the same time). The oven is very functional.

The 3D oven includes:

- 2 silicones for the oven (30 x 40 cm)
- 2 silicon mug wraps
- 1 silicon wrap for beer mugs







### Plates: it allows to mark 100%!

Sublimation 100%: The 3D oven is the only process to sublimate an entire plate. Unlike a conventional press, the oven guarantees uniform pressure and heat.

**Mark up to 6 mugs at once** with the silicone and metal tension system: it is easy to use and the pressure is uniform!

# Accessories

### COOLING SYSTEM FOR MUGS SR8M

It is essential to cool the mugs once sublimated. The SR8M device is the right cooling for your mugs, instead of using ncomfortable water tubs. You can cool down 8 mugs simultaneously thanks to the SR8M silent double fans. It is easy to transport and can easily fit beside your production area.





### EASY CLIPS MUG

Handy tool for positioning paper and fix the tension system in one operation. It allows a large productivity and significant time saving (no stickiness or take-off paper and closing the system in one click).



### MUG HOLDER

Its form in V and its central slot for handle enables the better handling of cylindrical items and make the transfer much easier. Suitable for all product sizes, from expresso cups to beer mugs. Step up skids are designed for small diameters and enable to position your marking easily.







**Mug Wrap** For cylindrical objects 23.5 x 11 cm - 25 x 12.7 cm 17/26 x 13 cm - 37 x 7 cm



shooters 3D Mould Silicone for 7 shooters Ø 20 cm



Mould Polymer products



**Mouse mould** 5.8 x 11.5 x 3.5 cm



Plate mould Mould Ø 20 cm Pipe 35 cm



**Silicone for oven** 15 x 20 cm / 30 x 40 cm 40 x 50 cm (can be cut)



**Mould lunch box** 11 x 16 x 1.8 cm

# MUG HEAT PRESSES PROMAMUG

Promattex offers a wide range of heat presses for transfer on mugs and cylindrical media. Mono or multi-station, manual or pneumatic... different configurations are available to meet all your needs. Promattex also offers a high capacity sublimation oven for mugs personalization.

æ

(L x H x D)

Dimension

19.8 x 17.8 x 31.5 cm

Weight: 2.8 kg

800 W

220 V

3.6 A

### MGP

The **MGP** is a pneumatic press with an integrated compressor intended for standard mugs. Its automatic closing / opening system offers a real comfort of work. Compact and space saving, it is ideal for mobile stands and shops. By multiplying the presses, it becomes a real tool of production.

### Delivered with 1 standard resistance 11 oz - Ø 7.5 to 8.6 cm / H. 11.5 cm

### MG-170MER

PromaMug MG-170MER is a single station heat press designed for sublimation transfer on standard mug (Ø 8 to 9 cm) and on other cylindrical items. Its 6 optional resistances make it possible to mark most products from the market, from the espresso cup to the beer mug. Practical, its horizontal resistance allows printing on bigger articles (bottles) while focusing on the marking. Its digital board allows an easy setting of the temperature (from 0°C to 250°C), the time (from 0 to 999 sec.) and the pressure.

Provided with 1 standard heat-resistance

■ 11 oz - Ø 7.5 to 8.6 cm / H. 11.5 cm

6 optional heat resistances

- **Optional Set of 3 heat resistances**
- . 10, 12 & 17 oz
- Straight: Ø 5.5 to 6.3 cm / H. 8.5 cm (2.5 oz) Straight: Ø 7.6 to 8.7 cm / H. 14 cm (15 oz)

Straight: Ø 6.7 to 7.6 cm / H. 11.5 cm (10 oz LARGE) Straight: Ø 8.9 to 10 cm / H. 14 cm (15 oz LARGE) Dimension Straight: Ø 5.7 to 6.7 cm & 8.9 to 9.6 cm / H. 12 cm Straight: Ø 5.8 to 6.9 cm & 9.1 to 9.8 cm / H 16.1 cm (17 oz)

### MG-2MER

(12 oz)

The MG-2MER is a manual heat press provided with wide resistances of 27 cm. It is the perfect compromise between production and versality: print at the same time 2 mugs or 3 mini mugs. You can print different items by picking up the convenient resistance. Your printing can be of 25 cm height.

Weight: 11 kg

Practical, its horizontal resistance allows printing on long substrates like bottles while focusing on the marking. Its digital board allows an easy setting of the temperature (from 0°C to 250°C), the time (from 0 to 999 sec.) and the pressure.

### Supplied with 3 double resistances:

Straight: Ø 5.5 to 6.3 cm / H. 27 cm (2.5 oz)

- Straight: Ø 6.7 to 7.6 cm / H. 27 cm (10 oz LARGE)
- Straight: Ø 7.5 to 8,6 cm / H. 27 cm (11 oz)

### MG-4M PLUS

The PromaMug MG-4M Plus allows you to print up to four mugs simultaneously. Long lasting, ergonomic and easy to transport, it finds its place both in the workshop and in the shop.

The four stations can be activated separately, and adjusted with different parameters. The pressure adjustment makes it quick and easy.

### **Delivered with 4 standard resistances** 11 oz - Ø 7.5 to 8.6 cm / H. 11.5 cm

KG (L x H x D) Weight: 23 kg Dimension 73 x 35 x 27 cm

(L x H x D)

Dimension

47 x 43 x 30 cm



280 W 220 V

1.3 A



The PromaMug MG-5M is the manual press with 5 stations for standard mugs of diameter 8-9 cm or cylindrical items with similar size. Designed for high-scale production at minimal cost, it is equipped with 5 electronic boards managing each resistance at once and guaranteeing a homogeneous heating.

It comes with a large handle that closes the 5 positions at the same time.

Provided with 1 standard heat-resistance 11 oz - Ø 7.5 to 8.6 cm / H. 11.5 cm













# **COMBO PRESSES**

This manual combo presse is ideal to start a new activity in sublimation for small and medium productions on mugs, plates, lighters, keychains, ceramic, aluminium sheets and other items.

# COMBO PRESS PROMAPLATE

### AC-3023MER

Designed for transfer on different flat items as well as on almost all cylindrical products of the market thanks to its optional mug accessory and resistances. The A4 format of its plate allows to start in sublimation with a small printer.

- Marking up to A4 size with the 30 x 23 cm plate.
- Marking on textiles (mouse pads, bibs, flags, towels, T-shirt).
- Marking on hard and / or thick substrates, up to 4 cm (tiles, key rings, coasters, aluminum plates).
- The mug accessory is provided with a standard resistance (11 oz).
- Six other conic and straight resistances are available and allow to mark most products of the market.



T-SHIRT HEAT PRESSES, CALENDERS AND SUBLIMATION OVENS







### AC-3829MER



The AC-3829MER is a manual combo heat press designed for transfer on different items such as t-shirts, plates, mugs, caps and other flat items of a 38 x 29 cm maximum or A4 landscape and portrait.

The heating plate has a lateral movement system.

The transfer on hat media up to 4 cm thickness is possible thanks to its parallel opening system. Its digital board allows the setting of the temperature (from 0°C to 250°C), the time (from 0 to 999 sec.) and the pressure. This press is the perfect investment.











### **PROVIDED WITH 8 ACCESSORIES**

With its 8 accessories easily interchangeable, you can print on flat media (mouse pad, bibs, flats, bath towel and caps...) as well as hard support (mugs, money boxes, plates, lighters, key holders, aluminium sheets, ceramic tiles...)

- Plate accessory: Ø 12,5 cm Plate accessory: Ø 15 cm
- Straight resistance 10 oz Cone-shaped resistances 12 oz and 17 oz



 Mug accessory with standard heat-resistance 11 oz



Upper and lower plate for caps: 8 x 15 cm



# COMBO PRESS PROMACAP

### CQ-1359EAER

The CQ-1359EAER Promacap is an electromagnet press, size of 13,5 x 9 cm, designed to transfer on caps, bandanas, short sleeves and some types of luggage.

It is an evolutive press thanks to its optional accessories easily interchangeable which provides many transfer possibilities such as on plates, badges, workwear...

Affordable and versatile, the CQ-1359EAER will quickly pay for itself and will easily find its place easily in gift shops, workshops and for itinerate trade business.









plates: Ø 12 / 15 cm



Heat and lower plate for patch: 15 x 15 cm





# SUBLIMATION

Digital sublimation is a printing technique for clear surfaces using specific inks. It is exclusively for entended polyester garments transfers and hard substrates previously coated with industrial polyester varnish. From an inkjet printer, equipped with gel or water based sublimation inks, the visual is printed on a special transfer paper and transfered using a heat press or a 3D oven. Under the effect of the heat and pressure, sublimation ink turns into gas state and directly penetrates the mesh of the textile or the coating of the hard substrate.

Sublimation, which does not require any special skill, is a concentrate of other existing marking processes. Sublimation is becoming increasingly popular and has many advantages, including:

- No technical fees, no film, no screen.
- Flexibility to run small or large production with minimal impact to pricing.
- This process offers a permanent marking. It becomes part of the fabric, has no handle, feel or texture, cannot be scratched or washed out.
- Outstanding resistance to industrial washes and dish washer at 90 °C for textile markings.
- Perfect reproduction and brightness of colors.

Sublimation will allow you to enter into new markets in the fields of sportswear, workwear, luggage, advertising, personalized gifts, souvenirs, home textiles, decoration, interior signage.



# SMALL AND MEDIUM FORMAT PRINTERS



### The best in Sublimation! VITUOSO® HD Product Decorating System

In recent years, small format sublimation has combined Ricoh printers with Sawgrass gel sublimation inks. In order to improve the print quality and satisfy the request of the most demanding customers, Sawgrass launches in 2015 the concept Virtuoso. Sawgrass solution contains access to CreativeStudio, an online software to build your models, the Virtuoso Print Manager software for print management, PartnerPlus for total support in case of problems and Business Builder for managing your business. Promattex has selected two Small and Medium Format Sawgrass Printers to start in light color polyester printing (textiles, ceramics, aluminum...). These printers benefit from remarkable quality and printing speed.

### Complete solution for sublimation, the Virtuoso concept is 100% Sawgrass (printers, inks, assistance, guarantees ...)

These CMYK sublimation printers have an extremely fast print speed, and print resolution of up to 1200 x 1200 dpi for photographic quality HD reproduction. The high definition of the images is obtained thanks to the use of SubliJet HD gel inks in particular. The color palette is 26% more developed than the other SubliJet inks.

# VIRTUOSO SG400



The **Sawgrass Virtuoso SG400** (A4) printer has been specially designed for digital decoration. Being the most accessible on the market, it is the best solution to start in small format sublimation (printing on mousepads, mugs, keychains...). Compatible with installation kit and Chromablast cartridges / Paper Jet / Paper Jet Dark / Glitter Jet.

### VIRTUOSO SG800



The **Sawgrass Virtuoso SG800** printer, with its gel inks, is the most versatile solution to start in sublimation. It can print many medias and its A3 format (up to A3 + with its ByPass tray) is suitable for marking on textiles and larger objects.

### STARTER KIT

These printers come with a complete "Starter Kit" installation kit that contains:

■ The printer (SG400 or SG800)

Kit cartridge SubliJet HD:

Standard capacity (29 and 42 ml) for the SG400 Large capacity (68 and 75 ml) for the SG800

- Pack of 100 sheets of POLY120 (A4 for SG400 and A3 for SG800)
- High temperature tape
- Access to CreativeStudio
- USB cable / USB stick

### STARTER KIT FOR SUBLIMATION – SAWGRASS



Promattex offers a complete kit with the heat press (TS-3838MER or TS-4050MER or AC-3829MER) or a sublimation oven, to start sublimating.

Kit 2 = Kit 1 + TS-4050MER

Kit 3 = Kit 1 + AC-3829MER

Kit 4 = Kit 1 + 3D oven

Kits A3 SG800

Kit 1 = Starter Kit

### Kits A4 SG400

■ Kit 1 = Starter Kit ■ Kit 2 = Kit 1 + TS-3838MER ■ Kit 3 = Kit 1 + AC-3829MER

quickly.

and 75 ml).

SubliJet-R Cartridges

(CMYK) for Ricoh printers These gel inks allow excellent

color reproduction and dry

hey are available in standard

capacity (29 ml and 42 ml)

and in large capacity (68 ml

■ Kit 4 = Kit 3 + TS-3838MER

### BYPASS AND SUBLIMATIONS INKS

### BYPASS TRAY



This accessory can be connected to the Sawgrass Sublimation Printer Virtuoso SG800. It will allow you print to in A3+ format (32.9 cm x 48.3 cm).

# vestu ТΜ

Available exclusively with Virtuoso HD Product Decorating System, CreativeStudio is Sawgrass's innovative online design software. It has been developed to help creative entrepreneurs to quickly and easily produce transferable image. Hundreds of templates, thousands of images are available to get you started easily, even from your tablet.

- Online designer and library of patterns, templates, easy to use images
- Create patterns from your computer or tablet, under any OS
- CS Print and Color Manager included
- Complete catalog of sublimation goods
- No graphic software or graphic objects to buy: save up to € 3,000

### THE VIRTUOSO CONCEPT OF SAWGRASS IS ALSO ...

# tuosc

Virtuoso Print Manager is the one solution for optimal print quality and production efficiency. Virtuoso Print Manager combines the best features of PowerDriver, CreativeStudio<sup>™</sup> Print Manager and WinProfile / MacProfile ICC profile solutions into a single, powerful and easy-to-use RIP-like application.

# partner**plus**®



Real-time online and phone support for your printers, inks, and software.

# SAWGRASS

SubliJet-R Cartridges (CMYK) for Swagrass printers

unique The SubliJet-HD formulation offers a 26% wider color palette than other SubliJet inks, guaranteeing users extreme definition and authentic colors. They are available in standard capacity and in large capacity.

### Ink bottles CMYK + Cvan Light et Magenta Light

Kit 5 = Kit 3 + TS-4050MER

■ Kit 6 = Kit 4 + TS-4050MER

This in bottles are ideal to recharge the inks in Epson printers.

Available in 125ml.







# business**builder**



Business resources and free marketing tools to help you start and develop your activity.

| CHARACTERISTICS          |  |                       |
|--------------------------|--|-----------------------|
|                          | SG400                                  | SG800                 |
| Print area (cm)          | <b>A4</b> (21 × 29.7)                  | <b>A3</b> (29.7 × 42) |
| Number of colors         |  | 4                     |
| Max print speed          | 23 seconds                             |                       |
| Resolution (dpi)         | up to 1 200 x 1 200                    |                       |
| Dimension (L x H x D cm) | 39.9 × 43.6 × 21.2                     | 52.9 × 21.2 × 50.9    |
| Weight (kg)              | 10.5                                   | 14.8                  |
| Interface                | rface USB 2.0 - Ethernet 10/100Base-TX |                       |
| Guarantee* 2 years       |  |                       |

# SOLUTION SURECOLOR SÉRIE F

# **EPSON**<sup>®</sup>

The medium and large format sublimation market has experienced significant expansion in recent years and affects many fields such as art, architecture, clothing (fashion and sportswear), visual communication (indoor / outdoor) and personalized decoration for the home (textiles, ceramics...). After numerous tests carried out in its workshops and in partnership with major manufacturers, Promattex offers a complete solution: printers, inks, papers, RIP, colorimetric calibration and transfer systems.

Epson is the only manufacturer to have created equipment dedicated to medium and large format sublimation, from the print head to the development of Ultrachrome DS inks. These water-based inks ensure compatibility and longevity of the material. Each component of these machines has been specifically studied to obtain the most reliable solution on the market with minimum maintenance.

# MEDIUM FORMAT PRINTER

### EPSON SC-F500

Width of 60.96 cm and 4 colors



The SC-F500 is Epson's newest sublimation printer. The smallest of the range with its 24 inches (61 cm), it is ideal to accompany advertising agencies, photo laboratories, clothing manufacturers and reprographic centers to extend their offer thanks to flexible and high quality printing.

Whether you're producing printed phone covers, mugs, mouse mats, t-shirts or cushions, the SC-F500 offers fast turnaround times, reliability and a low total cost of ownership (TCO) to small businesses. There is no need to be a specialist to configure, operate or maintain it. To keep businesses agile and responsive to customer needs, this dye-sublimation printer has been built with ease of use, productivity and efficiency in mind.

### Key advantages

- Refillable ink solution: 140 ml ink bottles can be used, even while printing
- Anti-dust design: Prevents misprints due to nozzle clogging, or time-consuming cleaning cycles
- Auto switch between media: Switch between cut sheets and roll media with ease
- Wi-Fi connectivity: For ease of use, this is a first for Epson's dye sublimation range
- Accounting tool: Easy to use software to accurately calculate print costs
- Touch screen.



| CHARACTERISTICS            |                       |
|----------------------------|-----------------------|
|                            | SC-F500               |
| Max. Printing area / width | 24" - 60.96 cm        |
| Number of colors           | 4 colors (C, M, Y, K) |
| Max printing speed (A1)    | 70 seconds            |
| Resolution (dpi)           | 2400 x 1200 dpi       |
| Dimension (L x H x D cm)   | 970 x 245 x 881 mm    |
| Weight (kg)                | 30 kg                 |
| Interface                  | USB 2.0 / Ethernet    |
| Guarantee                  | 1 year                |

# LARGE FORMAT PRINTERS

Ease of use, reliability, fast response on the web site D + 1, Epson warranty and technical assistance from a world famous brand, the SureColor F-Series, are the ideal solution for all the most demanding workshops.

These printers are guaranteed by Epson 1 year on-site with a possible extension up to 5 years.

### DIFFERENT MODELS DEPENDING ON TYPE OF NEED

The F-Series models meet different needs in terms of productivity and use.



### EPSON SC-F6300

Width 111.8 cm, 4 colors

The **SureColor SC-F6300** is roll-fed CMYK printer. It supports all major sublimation transfer papers for a wide variety of uses on polyester, in particular sportswear, clothes, accessories, personalized gifts, flexible signage, custom banners or flags.

The **SC-F6300** has an integrated cutter that allows cutting to size prints and is suitable for users of heat presses for transfer to different polyester coated materials.

An integral and fully refillable ink system of 1.5L per color enables uninterrupted production with limited maintenance.

Optional paper rewinder:





# EPSON SC-F7200

Width 162.5 cm, 4 colors

The **SureColor SC-F7200**, for continuous production, is equipped with an automatic rewinder and a dryer. It is perfectly suited to production and is the ideal tool for companies wishing to achieve large volumes of prints simply and efficiently with a calender.

It includes a precise winding system ( $\pm$  2.5 mm) ideal for the printed rollers in the sublimation calenders.

This printer has large heating element located at the front that allows to dry the prints more quickly, thereby increasing its productivity.







| CHARACTERISTICS            |                    |                 |
|----------------------------|--------------------|-----------------|
|                            | SC-F6300           | SC-F7200        |
| Max. Printing area / width | 44" - 111.8 cm     | 64" - 162.5 cm  |
| Number of colors           |                    | 4               |
| Max printing speed (A1)    | 63.4               | 58.9            |
| Resolution (dpi)           | up to 1440 X 720   |                 |
| Dimensions (L x H x D cm)  | 161 x 92 x 113     | 262 x 131 x 101 |
| Weight (kg)                | 85                 | 269             |
| Interface                  | USB 2.0 / Ethernet |                 |

# EPSON SC-F9400 & SC-F9400H

Width of 162.5 cm and 2 x 4 colors (CMYK for the SC-F9400) and 2 x 5 colors (CMYK + Neon Yellow and Neon Pink for the SC-F9400H).

The SureColor SC-F9400 has two print heads and a new level of speed, quality and precision. Designed for intensive production, its double, high-capacity, fully refillable 3L ink supply system enables production of large volumes without interruption.

With a printing speed of up to 108.6 m<sup>2</sup>/h in fast mode, and up to 29.9m<sup>2</sup>/h in high quality, this printer is perfect for large production runs. The updated settings deliver a lower tension and accurate registration, which improves take-up and reduces the total cost of ownership (TCO) by using lower-weight sublimation papers. A wide heating ramp allows an optimal drying of the inks before being picked up by the high-precision rewinder system.

The SC-F9400 uses dedicated Epson UltraChrome DS inks for accurate reproductions of complex and colourful designs. UltraChrome DS inks: For bright, colourful, durable and accurate prints.







High-precision rewinder system

### EPSON SURECOLOR F SERIES PRINTERS ARE ALSO:





High-tech printheads





### ULTRACHROME DS INK

UltraChrome DS inks have been specially developed for Epson SureColor F-series. These inks have a fast drying aqueous base with excellent resistance to light, water, abrasion or perspiration. They are packaged in a liter bag.

Epson also offers high density black ink (Black HDK), which provides higher contrast and sharper images. The color configuration (standard black or HDK black) is done when the printer is installed and it will be permanent.

Available in 140 mL format for the SC-F500, 1L for the SC-F7200 and 1.1L for the SC-F6300 and SC-F9400 printers



1 Epson Edge Print

Comes with all Epson F series models (except SC-F500).

This software gives you total control of your production. Just install the hardware and RIP, then access to many features, and get the most out of your printer. Intuitive, it works with other Epson tools, such as the Control Dashboard and Epson's LFP Accounting Tool, which lets you calculate the cost of each print based on ink and paper consumption. Only compatible with Windows.

| CHARACTERISTICS            |  |           |
|----------------------------|--|-----------|
|                            | SC-F9400   | SC-F9400H |
| Max. Printing area / width | 64" - 162.5 cm   |           |
| Number of colors           | 2 x 4 (CMYK) 2 x 5 (CMYK + Neon Yellow & CMYK + Neon Pink) |           |
| Max printing speed (m²/h)  | 108.6  |           |
| Resolution (dpi)           | up to 1440 X 720   |           |
| Dimension (L x H x D cm)   | 262 x 133.2 x 93.4   |           |
| Weight (kg)                | 290  |           |
| Interface                  | USB 2.0 / Ethernet   |           |

# **PAPERS AND ACCESSORIES**

### SUBLIMATION PAPERS

### SUBLIPAPER POLY 120

This sublimation paper is suitable for various printers on the market such as Sawgrass, and gel or aqueous inks. Versatile, this paper allows sublimation on all types of media (textile, ceramics, glass, aluminum...) with an excellent color reproduction.

### Format: A4, A3 & A3+ (100 sheets)

- Format mug: 9.9 x 21 cm (300 sheets)
- Weight: 120 g/m<sup>2</sup>

### SUBLIPAPER POLY 93 ECO

Poly 93 Eco allows printing on textiles and other blanks like ceramics, glass, aluminum, etc. Its performances are optimal for textile transfer. With its price up to 38% lower than the Sublipaper Poly 93, it is a very economical product that has the best quality / price ratio on the market

- Format: A4 & A3 (100 sheets)
- Quick drying
- Weight 93 g/m<sup>2</sup>



### SUBLIPAPER TEX 50

One of the finest sublimation papers on the market, the TEX 50 has been designed for industrial production, because of its qualities and its attractive price.

It has the same advantages as the TEX 100, but with its ultra light weight of 50 g / m<sup>2</sup>, it offers even more advantages, which facilitate daily production.

- It doesn't curl in the press
- Slightly transparent for marking
- Widths: 111.8 & 162 cm
- Roll: 200 m
- Weight: 50 g/m<sup>2</sup>



### SUBLIPAPER TEX 100

The SubliPaper Tex 100 competes with papers from "major brands" and has the same technical characteristics at a lower cost: quick drying, excellent color reproduction and versatility of supports.

You can sublimate on all types of supports textile, ceramic, glass, aluminum...) with an excellent resolution. The fast drying allows a high printing speed and avoids the transfer of inks during rewinding.

Widths: 42, 61, 111.8 & 162 cm Roll: 80 m

Weight: 100 g/m<sup>2</sup>

### EPSON DS TRANSFER GENERAL PURPOSE

This transfer paper, easy to use and versatile, adapted for the Sure-Color SC-F500 sublimation printer. Designed for the users wishing to extend their existing product range, whether for the production of phone cases, mugs, t-shirts or cushions.

- A4 and A3 sheets
- Widths: 21, 29.7, 43.2 & 61 cm
- Roll: 30.5 m



# SUBLIPAPER TACKY SPORT 100

The **SubliPaper Tacky Sport 100** is available in rolls and has a sticky heat-reactive coating. This paper sticks to the support, to avoid the blurry effect of the marking, especially when raising the heating plate.

In 111.8 cm width, the SubliPaper Tacky Sport 100 is suitable for sublimation on large format textiles with a calendre.

Weight: 100 g/m<sup>2</sup> Widths: 42, 61 & 111.8 cm

Roll 80 m



### EPSON DS TRANSFER MULTI-PURPOSE

This paper, versatile and easy to use, is a high-performance transfer paper designed to ensure high productivity in the sublimation field. It is particularly suitable for rigid substrates, such as phone cases, or aluminum plates, wood or ceramic...



Widths: 111.8 cm Roll: 91.4 m

# **PROTECTION PAPER**

### SILIPROTEC AND KRAFT PAPER

The SiliProtec designed for presses consists of 30 g kraft paper and a 15 g layer of silicone. Kraft is made for calenders. These papers provide an hermetic barrier and prevent ink from staining the rollers or upper plate of the press.

- SiliProtec 45 g/m<sup>2</sup> Roll: 110 cm x 450 m
- Kraft 20 g/m<sup>2</sup> Roll: 167.5 cm x 1 500 m
- Kraft 28 g/m<sup>2</sup> Roll: 120 cm x 1150 m

### PROTECTIVE PAPER

The parchment paper protects substrates and prints from direct contact with the heating plate.

- Weight: 45 g/m<sup>2</sup> Package: 100 sheets
- Format: 40 x 50 cm



SUBLIMATION ON COTTON GARMENT

### SUBLITOCOTTON



Format: A4 & A3 Weight: 155 g/m<sup>2</sup> Wash at: 40° max This innovative new technology enables you to expand your product offering to print onto white or light cotton garments using your existing sublimation printer and standard sublimation inks.

With only a small variation to your existing production process, you too could be producing a high quality alternative for those who prefer the look and feel of cotton! Ideal for bold images rather than fine details.



# **TRANSFER PAPERS**

# SUBLI NO-CUT

# FOREVER

Until now, sublimation inks have been limited to 100% Polyester garments. The new sublimation transfer media from FOREVER has removed the sublimation limitations - Printing sublimation inks onto cotton is now a possibility. Each of our sublimation solutions has been developed with a specific job in mind - for white, light or dark colored cotton, with and without the glitter option.

### SUBLI-LIGHT NO-CUT

Transfer paper for printing white and light colored textiles without a background transfer. This paper solution is very soft and extremely elastic.

Suitable for fine and coarse-meshed textiles

- Format: A4 and A3
- Thickness: 95 microns
- Wash: 30° C max



### SUBLI-DARK NO-CUT GLITTER

Paper solution for printing on light and dark colored textiles without a background transfer. The fine glitter particles give the printed colors a perticularity high-quality look. Suitable for fine and coarse-meshed textiles



- Format: sheet A4 and A3
- Thickness: 95 microns
- Wash: 40° C max

# OTHER TRANSFER PAPERS

### SUBLIFLEX

For use in Ink-jet Printers with Sublimation Inks.

SubliFlex is a glossy white heat transfer vinyl treated with polyester and designed for sublimation printing.

It is perfectly suited ofr light and dark cotton texile and can be cut with plotter after printing.

- Format: A4 and A3
- Thickness: 95 microns
- Wash: 40° C max

### TISS'SUBLI

Tiss'Subli is an innovative fabric that allows imprinting light and dark cotton garment when you only have a sublimation printer.

This media consists of a front 100% polyester and a back coated with thermo-adhesive glue. You print your design on the front and the back will stick to the cotton garment when pressed.



Format A4: 19 x 28 cm

Format A3: 26 x 39 cm

Thermo-adhesive glue

on the back

### SUBLI-LIGHT NO-CUT GLITTER

Transfer paper for printing white and light colored textiles with an incredible multi-color glitter effect without a background transfer. Suitable for line and coarse-meshed textiles.

- Format: A4 and A3
- Thickness: 95 microns
- Wash: 40° C max



### SUBLI-FLEX NO-CUT

With Subli-Flex (No-cut), not



only is it possible to print brillant colored designs onto bright polyester garments, but you can even transfer Subli-Flex ont dark cotton textiles without any color loss. The anoying cutting and weeding of regular flex/vinyl belongs to the past.

- Format: sheet A4 and A3
- Thickness: 95 microns
- Wash: 40° C max



### SUBLIELOCK

SubliFlock is a white heat transfer vinyl with velvet touch.

It is treated with polyester and offers excellent results with dye-sublimation transfer-printing. The printing results are with bright and vivid colors. The liner on the hotmelt side allows motifs and logos to be cut by a plotter.

It is perfectly suited for light and dark cotton textile.

- Wash: 90° C
- Widths: 20, 30, 40, 50 cm
- Roll: 10 or 30 m

### PRE-CUT MOSAIC-SHAPED FLEX

The pre-cut mosaic-shaped fusible film is intended for all kinds of shapes on your textile products, the only limit is your imagination!

The bright colors give a silver tone and the original shape will give a fashion trend to your products.



- Rectangle: 24 x 30 cm Mosaic: 6.4 x 6.4 mm
- Thickness: 0.26 mm
- Silver Matte

# **PRINT AND CUT ROLAND PRINTERS**

### BN-20

The BN-20 packs everything into one, powerful, profit-producing package. With award-winning eco-solvent inks including metallic and white options, a range of material compatibility and integrated contour cutting, the BN-20 is easily the most versatile print device in its class. The BN-20 is perfect for creating t-shirt graphics, poster prints, stickers and decals - all from the comfort of your desktop.

### Advantages:

- Very compact, with a 48 cm print / cut width.
- Very reliable, allows night printing without supervision.
- Use with sheet or roll media up to a width of 51.5 cm.
- Ink options include CMMYK, CMYK+White and CMYK + Metallic Silver ECO-SOL MAX 3 220 cc.

(Full color impression with or without white colors and Metallic ECO-SOL MAX 2)

The choice of the 5th color and its configuration have to be defined during the setting up and it will be permanent



Suitable for small caracters

# **PRINTABLE FLEX**

Digital Printing Industry targets to respond to the growing needs and fast development of the textile transfer market. To meet the current trend we focused on developing of a wide range of printable vinyl. Our PromaPrint range offers numerous patterns and qualities for dark or light textile. Compatible with all solvent and eco solvent equipment, PromaPrint is easy to print and cut. It is available in two versions: PVC and Polyurethane (PU). The PromaPrint PU, certified PVC and heavy metals free, meets the ecological requirements of the market. The PromaPrint PVC range is slightly thick (180 microns) and rigid, whereas the PromaPrint PU range is thin (100 microns), flexible and extensible.

Easy use with tape

Numerous features of PromaPrint:

- Excellent color reproduction
- Do not curl after cutting



700 microns



up to 40 °C

cold peel



up to 60 °C

cold peel

80 microns

150

# **PRINTABLE MEDIA**

Promattex offers a complete range of printable media for various applications.

### **High resolution paper**

- High quality matt
- non-adhesive paper
- For indoor signage
- Pigmented ink printing Width 91.4 / 111.8 / 127 cm
- Length 30 M

### 100% Cotton Canvas

- White matte canvas 100% cotton For interior signage
- Water-resistant layer
- For interior signage
- For pigmented / solvent or
- eco-solvent inks
- Width 42 / 106.7 cm
- Length 20 M

### **Polymeric vinyl airfree**

- White PVC film
- Avoids air bubbles
- For printing with solvent /
- eco-solvent inks Suitable for medium to long
- life prints
- Width 50 cm
- Length 45 M

- Polymeric self adhesive vinyl Glossy PVC film with permanent acrylic solvent adhesive
- For solvent / eco-solvent inks Suitable for indoor and outdoor
- signage Width 51 / 76 / 160 cm
- Length 45 M

### **100% Polyester Canvas**

- For eco-solvent, pigmented or sublimation inks
- Width 42 / 127 cm
- Length 18 M

### Cut to size

### Satin Universal Paper

- Universal blue spine paper with
- satin finish Solvent, latex and UV curing
- printing
- For outdoor signage
- Width 51 cm
- Length 61 M

### Clear self adhesive vinyl

### Glossy monomeric film with colorless permanent solvent acrylic adhesive

- For solvent / eco-solvent inks Suitable for indoor and outdoor
- signage
- Width 76 / 137 / 160 cm
- Length 45 M

### Monomeric gloss vinyl

- White glossy monomeric PVC film
- For printing with solvent /
- eco-solvent inks Suitable for short-life prints
- Width 50 cm
- Length 45 M
- **PVC Banner material** 510g/m<sup>2</sup>.

### White matt PVC tarpaulin 510g For Solvent and eco-solvent

- inks
- Suitable for indoor and outdoor
- signage Width 50 cm
- Length 30 M

### Banner material for eco solvent inks

SIGNAGE EQUIPMENT AND CONSUMABLES

- White banner material with a luster PVC finish
- For outdoor signage
- For solvent and eco-solvent inks
- Width 42 / 76 / 127 / 162 cm
- Length 30 M

### Polymeric gloss vinyl

- White glossy polymeric PVC film
- For printing with solvent inks /
- eco-solvent Suitable for medium to long life
- prints Width 50 cm
  - Length 45 M

### Magnetic paper PET 300

- White magnetic paper
- Ideal for the magnet visual
- communication
- Solvent and UV curing printing
- Width 50 cm Length 30 M



# SIGNAGE EQUIPMENT AND ACCESSORIES

BANNER EYELET MACHINE HOLE PUNCH

### TAPE DISPENSER

in a single operation.

+ 3 packs of 500 eyelets

Roll holder for cutting plotter / Tape dispenser

Banner Eyelet Machine for installing grommets in

Delivered with: 3 die sets Ø 8, 11 and 14 mm

banner materials and other POS media up to 3 mm thick

(honeycomb sheets, PVC, etc.). Hole punch and assembly

With its width of 69 cm, this roll holder has been specially designed to hold and smooth the use of Tape. It can also be used to unwind flex. flock. adhesive vinyl or sandblasting masks.



### COLD LAMINATOR

Manual laminator with roll holder for easy application of tape or other films to a substrate such as vinyl or aluminium plates.



Width 75 cm / Maximum thickness of the support: 1.5 cm

Easypose

Solvent and sprayer

Scissors

19

### ROTARY TRIMMERS

Graduated on the X and Y-axes, they are designed for an accurate and precise cutting of different media (transfer papers, self-adhesives, heat transfer vinyl, etc.).

Available in 3 sizes: 36, 61 and 91 cm



The essential signage tool kits with 11 accessories

Right tools are necessary, whether for beginners or experts, to keep the signage workshop in order and to ensure an impeccable quality of finishes. Our kit with 11 accessories is a must have for smooth application of vinyl.







Plastick and





# SIGNAGE EQUIPMENT AND CONSUMABLES

Adhesive vinyl is used for indoor and outdoor signage. Thanks to a cutting plotter it is easy to obtain stickers in the desired shapes (letters, logos, numbers...). Very easy to apply, it can be used to cover flat surfaces (wall stickers, panels, shop windows, stands...) or curved surfaces (roads, motorbikes, boats...). This vinyl has been specially designed to resist to bad weather and temperature variations.

# PROMADHESIF

Promattex now offers you its own range of adhesive vinyl:

- High performance monomeric vinyl
- Adhesive PVC film 80 microns
- Easy cutting and weeding, even for small lettering.
- 16 glossy colours, 8 matt colours

For indoor and outdoor use on flat and smooth surfaces (panels, showcases, stands...

- Outdoor wear: up to 3 years
- Unique price/quality ratio



# HEXIS

### ECOTAC RANGE

- High performance vinyl monomer
- Adhesive PVC film 80 microns
- Easy cutting and weeding, even for small lettering
- 39 glossy colours
- For indoor and outdoor on flat and smooth surfaces
- Outdoor wear: 3 / 5 years



### FROSTED ADHESIVE

This glazing film completely obscures the view from both sides of the glass and completely preserves your privacy. Your fitted glass becomes a real opaque wall. This high-quality film has a frosted effect and is ideal for concealing a room.



### SUP RANGE

- Adhesive polymer PVC film 65 microns Great flexibility that allows the covering of curved surfaces (motorcycles, boats) withstands temperature variations Outdoor wear: 8 / 10 years 82 glossy colours
- Transparent film (tape) for the adhesive vinyl application. Versatile and suitable for most applications.

TAPE

■ 30.5 cm ■ 61 cm ■ 100 cm 122 cm Rolls of 100 m

# **CHROMABLAST & INKJET PAPERS**

### VIRTUOSO SAWGRASS PRINTER SG400

The Chromablast printing solution is designed for transfers on white or light colored textiles.

Affordable and ideal for launching the transfer activity, the **Sawgrass SG400** A4 format printer offers an excellent printing quality up to  $600 \times 600$  dpi. It is also equipped with a self-netting function and gel ink cartridges to ensure optimal operation and minimal ink and power consumption.

The SG400 is compatible with all major graphic designing softwares on the market and comes with an installation kit that provides access to CreativeStudio Online Designer software from Sawgrass. The CreativeStudio software, which comes with the Virtuoso concept, is a dynamic design solution that also provides access to a wide range of print-ready designs.



### INSTALLATION KIT AND CHROMABLAST CARTRIDGES



The Chromablast installation kit includes:

- 1 set of Chromablast gel cartridges with standard capacity (29 ml for color inks and 42 ml for black ink)
- One USB cable / One USB stick
- Access to CreativeStudio software

### CHROMABLAST TRANSFER PAPER



Chromablast transfer paper differs from other digital transfers by its particularly high durability with no loss of color after washing the fabrics.

Available in A4 format

### INKJET TRANSFER PAPIERS

Promattex offers a range of inkjet transfer papers for color prints on light or dark textiles using printers equipped with pigmented inks. Inkjet allows unitary or mass production HD printing, without any technical costs. These papers are printable with most inkjet printers on the market.





two versions: The PaperJet for light textiles and the **PaperJet Dark** for dark textiles and luggage. Both can be printed in high definition and can be cut with a plotter.

They are available in A4 and A3 formats and in rolls of various widths from 30.5 to 112 cm x 24.38 M.



# GLITTER<mark>Jet</mark>

The **GlitterJet** paper is designed for for light-colored textiles. It is

prodeeded in the same way as PaperJet Dark. Even when printed, it retains its glittery coating. It is vailable in A4 and A3 formats.



# SAWGRASS<sup>™</sup>

















# CUTTING PLOTTERS TRANSMAX BY PROMACUT

Promattex has developed a new generation of PromaCut cutting plotters with the TransMax range. With a cutable width of 60 to 122 cm, they are available in 2 versions, LIGHT and PRO, and are delivered with CutStorm softwares. Those plotters allow all types of cutting on adhesive vinyls, heat transfer vinyls like flex, flock, photoluminescent, reflective etc. and pre-printed media. They meet the needs of both small and large productions.

### TM-720L

The **TM-720L** is a plotter of the LIGHT range with a cutting width of 60 cm. This entry-level professional plotter allows you to do all your cutting work.

It's delivered with **CutStorm Basic** software provided with the plotter allows you to become quickly operational. It's suitable for professionals with limited budget who don't need the automatic detection of registration marks.

### Advantages:

Cutting width that optimizes layouts, reduces material loss and makes it easy to apply adhesives

Its affordable price meets the current requirements of the market and enables wider cuttings than those generally offered by the first price equipment.

### Main characteristics:

- Engine step by step
- Marker Detection System: manual by laser point
- Maximum cutting width: 60 cm
- Maximum paper feed width: 72 cm
- Maximum cutting speed: 600 mm/s
- Cutting force: up to 500 gf
- Mechanical Resolution: 0.0125 mm
- Reproducibility: 0.1 mm
- Software included: CutStorm Basic
- Stand and roll holder included

Intended for: adhesive vinyl, heat-transfer vinyl (fluorescent and reflective films, highly reflective films and films thicker than 0.25mm are not supported. For polyester films up to 0.25 mm thickness, the accurancy cutting can't be guaranteed.

### CUTSTORM BASIC SOFTWARE

CutStorm Basic is a software for common vinyl cutting and allows you to produce vinyl lettering, logos and pinstriping. CutStorm Basic comes with a basic set of text, curve and object tools.

### Advantages:

- Contour cutting wizard
- Text and curve tools
- Cutter support with drivers
- Over 300 powerful tools and features at your disposal





Cutstorm runs Windows XP, Vista, 7, 8, 10

A simple and clear support to prepare or create your files to be cut.

### ACCESSORIES

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Protection strip

Blade Holder

Flex blade 45°

Flock blade 17°

Roll holder / Roll dispenser



TM-720L

### TM-720P & TM-1350P

The **TM-720P** and **TM-1350P** are plotters of the PRO range. Compared to the LIGHT range, these professional plotters are equipped with a silent servomotor that makes them faster (800 mm/s). They are equipped with an Automatic Registration Mark Sensing (ARMS) that (driven by the complete **CutStorm Pro** software) will allow you to accurately cut pre-printed visuals.

TM-1350P

### Advantages:

Cutting width that optimizes layouts, reduces material loss and makes application of adhesives easier.

**5** drive rollers ensure the stability of the vinyl unwinding when cut even over long lengths.

### Main characteristics:

- Digital servo motor
- Marker Detection System: Automatic ARMS
- Maximum cutting width: 60 cm (TM-720P) -122 cm (TM-1350P)
- Maximum paper feed width: 72 cm (TM-720P) -135 cm (TM-1350P)
- Maximum cutting speed: 800 mm/s
- Cutting force: up to 500 gf
- Mechanical Resolution: 0.0125 mm
- Reproductibility: 0.1 mm
- Software included: CutStorm Pro
- Stand and roll holder included
- Stand with basket available in option
- Intended for: adhesive vinyl, heat-transfer vinyls (fluorescent and reflective films, highly reflective films and films thicker than 0.25mm are not supported. For polyester films up to 0.25 mm

supported. For polyester films up to 0.25 mn thickness, the accurancy cutting can't be guaranteed.

### CUTSTORM PRO FOR PC

re films, highly reflective n 0.25mm are not r films up to 0.25 mm cutting can't be

CutStorm Pro is a sign software designed specifically for making the most amazing vinyl lettering. It allows you to produce a wide range of vinyl lettering, logos, signage, pinstriping and comes with a suite of powerful text, curve and object tools.

TM-720P

### Advantages:

- Vectorization of images
- Ai, Dxf, Eps... import / export
- Powerful drawing tools
- Image edition and effects
- 5200 fonts, 10000 logos and 3,604 cliparts





EQUIPPED

WITH

ARMS

**SYSTEM** 

Trimming ARMS System

| CHARACTERISTICS          |   |              |                  |
|--------------------------|---|--------------|------------------|
|                          | TM-720L   | TM-720P      | TM-1350P         |
| Drive system             | Engine step by step                             | Digital serv | o motor          |
| Software included        | CutStorm Basic                                  | CutStorr     | n Pro            |
| Maximum paper feed width | 72  | cm           | 135 cm           |
| Maximum cutting width    | 60  | cm           | 122 cm           |
| Maximum cutting speed    | 600 mm/s  | 800 mi       | m/s              |
| Cutting force            | up to 500 gf                                    |              |                  |
| Mechanical resolution    | 0.0125 mm                                       |              |                  |
| Reproductibility         | 0.1 mm  |              |                  |
| Interfaces               | RS-232C, USB 2.0 (high speed)                   |              |                  |
| Power                    | 100 - 240 V / AC 50-60 Hz (automatic switching) |              |                  |
| Dimension (L x H x D)    | 100 x 38  | x 40 cm      | 164 x 38 x 40 cm |
| Weight                   | 24  | kg           | 35 kg            |
| Warranty                 | 1 year  |              |                  |

# HEAT TRANSFER VINYL RANGE

Transfer vinyl is a vinyl product with a heat-activated adhesive on the reverse, which activates between 160 -190C depending on the brand and type.

The vinyl is cut into words, logo's, shapes with a vinyl cutter, weeded (the unwanted vinyl is removed), applied to the substrate and pressed. The heat and pressure activate the adhesive and the vinyl sticks to your product. It's even possible to transfer multiple colours, types and styles on-top of each other. Transfer vinyl is available in standard colours as well as colours that are near impossible to print; like glitters, reflective, neons, metallics, glow-in-the-dark,

puff (raised), flock, sublimation printable and so on and is an excellent money maker and recommended add-on for any print business.

This marking process has many advantages:

- Low investment Space-saving
  - Flow cost
- Speed and ease of performance Marking quality requirement Washing resistance

Promattex International has been manufacturing its own heat-transfer vinyls range for 15 years. Range composed at the beginning of Promaflex PVC, it has been enlarged gradually of new colors and aspects like velvet touch under the name of Promaflock, a «fashion » range with metallic films, sequined, holographics, a PU range called Promaflex PU, and a Promaflex PU Special Sharpness for a bigger sharpness of cut.

Two years ago, we have launched new vinyles: Promaflex 3D a very thick flex which gives a sportswear effect to your markings, PromaFlex Perforated, perforated flex that allows fabrics breath, a white Flex SubliStop that stops the migration of sublimation and 3 new colors of reflective flex for fashion marking.

# PROMAFLEX PU RANGE

RUWUL

PromaFlex PU is a polyurethane film of slightly satiny aspect, responding to ecological requirements and tested by first class laboratories SGS® and FITI®

The raw materials are inert, free of PCV and heavy metals, easy to weed, it has been especially designed to produce a thin aspect once applied and to cut small details thanks to its adhesive carrier and providing a very comfortable way of working, this film enables to enlarge design possibilities using superimposing effect, among others. It also offers an excellent washing resistance and a perfect opacity on dark textile.



up to 80

STANDARD COLOURS\*

\* A starter kit is available. Check our website on www.promattex-international.com for further informations

95 microns 140 to 150 °C 8' to 12

Packaging:

fiùi SGS

# SPECIAL COLOURS\*



### SPECIAL SHARPNESS\*

PromaFlex PU Special Sharpness is a polyure thane flex for heat transfer on cotton, polyester, lycra and some nylons. With the same specifications as the PromaFlex PU, Promattex has developed a new liner with a more adhesive glue that enables cutting of small characters up to 2 mm. 10 Colors are available.





\*A starter kit is available. Check our website on www.promattex-international.com for further informations

Packaging: Width of 34 / 51 or 102 cm Lenght of 5 / 12.5 or 25 M





# Promaflock\*



PromaFlock is a vinyl with velvet touch which can be heat transferred on all kind of textiles (cotton, polyester, acrylic...).

This velvet touch material has a high fiber density. We advise you to use the cutting blade for thick media. PromaFlock has been especially developed for sport, leisure and fashion industries.









\*A starter kit is available. Check our website on www.promattex-international.com for further informations





up to 80 °C

# D<sup>plus</sup> PROMA<mark>FLEX</mark>

PromaFlex Plus is a fashion range with special effects such as metallics, sparkles and reflective almost impossible to obtain with traditional screen-printing. Thanks to its slightly sticky back, PromaFlex Plus is appropriate for small to medium sized logos.





\*A starter kit is available. Check our website on www.promattex-international.com for further informations.

# GLITTERS



### SPARKLES



5' to 10' tepid to cold

up to 40 °C

100 microns

150 °C





Sparkle Pink

### OTHERS



### REFLECTIVE

The PromaFlex Reflective Silver meets the requirements of European standard EN 471, and is suitable for professional and safety clothing markings.





70 microns



150°C



Packaging: Width of 34 / 51 or 102 cm Lenght of 5 / 12.5 or 25 M

### DARKLIGHT

Packaging:

It glows green in the dark and is white by day.





Ĵ Width of 34 / 51 or 102 cm Lenght of 5 / 12.5 or 25 M 100 microns 150°C 10' to 15









hot peeled

# PROMA<mark>FLEX</mark> 30

Cheetah

The PromaFlex 3D is a thick flex (700 microns) that gives a 3D effect to your transfers on cotton, polyester, acrylic, and some nylons. It is available in black and white colors.

Army

\$

100 microns

The PromaFlex 3D exists in printable version.







up to 40 °C

Packaging: Width of 50 cm Lenght of 5 / 12.5 or 25 M

textiles

Camouflage

150°C

Recommended for light color

PromaFlex PU Perforated allows the fabric to breathe: this flex is therefore recommended for marking on sports jerseys!



Packaging: Width of 34 / 51 or 102 cm Lenght of 5 / 12.5 or 25 M I

8



P<sup>pu</sup> Proma**fi fix Subh<mark>STOP</mark>** 

White PU flex stops the migration of sublimation on polyester garment and allows bright and shiny colors. The PromaFlex PU SubliStop is therefore suitable for marking on polyester and especially for sports jerseys.



Width of 34 / 51 or 102 cm Lenght of 5 / 12.5 or 25 M X X <mark>-€</mark>C Î up to 40 °C 80 microns 150 °C 8' to 10' tepid to cold

# Proma**flex**

The PromaFlex PVC is a matte-looking vinyl, thicker and more economical than the PromaFlex PU. Its non-adhesive base makes stripping large characters faster. It is the ideal product for cutting numbers. With a high covering power, it is suitable for most textiles.

150 °C



# Accessories

### TWEEZERS FOR PEELING

The peeling tweezers are ideal tools to remove the unwanted parts of the heat transfer material and adhesive vinyl.

DECOLLEFLEX The decolleflex, removes flex from textile media.



PEELING SET This set contains 3 tools for peeling.





up to 60 °C

# EMBROIDERY

Elegant and noble, embroidery gives added value to textile customization and has a longer lifespan than other techniques. The world of embroidery is divided into two main sectors:

In-store or itinerant embroiderers who offer, in most cases, individual markings on household linen, luggage storage, cap, clothing...

The workshops that use embroidery in the garment industry, embroider large series of advertising logos, work clothes and other sportswear. Promattex offers global solutions with embroiderers, accessories and software.

# PROFESSIONAL & INDUSTRIAL EMBROIDERY MACHINES

With more than 20 years of experience, Ricoma is now one of the market leaders: it offers a wide range of machines and has a research and development department. Made in China, Ricoma embroidery machines meet French standards and have finishes worthy of European or Japanese productions.

Promattex has chosen to distribute the EM-1010, RCM-1501TC and RCM Series C embroiderers for their excellent price quality and reliability. These embroidery machines are able to meet large productions and can work continuously.

### EM-1010

The Ricoma EM-1010 10 needles / 10 colors Single Head Embroidery machine with 7' HD Touch Screen allows flat and cap embroidery.

This versatile, entry-level embroidery machine is perfect for hobbyists, startups or custom apparel businesses expanding into embroidery.

Space-saving, it is easily transportable and perfectly suited for itinerant activity. Easy to handle with its touch screen and user-friendly interface, it is suitable for beginners as well as amateurs, craftsmen or experts.

Fast and powerful, the machine has an embroidery speed of 1,000 points per minute, a large system  $220^{\circ}$  angle for marking on nearly two-thirds of a cap and a  $31 \times 21$  cm flat embroidery surface.

Automatic

breaking

thread

### Advantages of the EM-1010:

- Touch LCD Control Screen with Job Review
- Automatic colour change
- Automatic Thread trimmer
- Low power consumption 80 W
- Import logos in DST format
- Network interface and USB



### INCLUDED ACCESSORIES

The **EM-1010** comes with 4 hoops, a cap system and a "Consumables" starter kit. The heavy duty steel stand to support the machine is an option.





**R** ricoma

Exclusive importer

Text editing software embedded with 10 fonts

10 needles

10 colors

# **EMBROIDERY AND RHINESTONE**

### RCM-1501TC

The Ricoma RCM-1501TC is a machine 15 needles / 15 colors, single head that allows flat embroidery, on cap and tubular. Robust and reliable, it has a user-friendly interface thanks to its large touch-screen panel. Space-saving, it is easily transportable and perfectly suited for an itinerant activity. For added comfort, the RCM-1501TC comes standard with a heavy duty stand with lockable casters.



### **INCLUDED ACCESSORIES**

8 round hoops, 2 square hoops, 1 oval hoop, 2 cap rings, 1 cap hoop station & 1 stitching station and 1 starter kit "Consumables ".



### **OPTIONAL ACCESSORIES**







2 cap rings



1 cap hoop station





1 stitching station

starter kit "Consumables "

**RCM-1501TC wide Format** comes with extanded table top for an embroidery area of 120 x 35 cm.

The wide format is necessary to work on larger embroideries without having to reposition the hoop during production.

Its large working surface allows the repetition of the embroidery logos and saving time.



### **INCLUDED ACCESSORIES**

The **C series** embroidery machines come with the following accessories **per head**: 8 round hoop frames, 2 square hoop frames, 2 cap rings. With each embroiderer, are also supplied: 1 cap driver & 1 hoop station to fill all embroidery needs.



# RCM SERIE C

Promattex also offers the **C-Series** industrial embroidery machines with a single head and a range of multi-heads (2 to 12 heads).

Dedicated to production, the C-Series features 12 needles / 12 colors single block embroiderers mounted on wheels with locking cylinder. They all have an embroidery field of 40 x 45 cm and a memory capacity of 50 million stitches. The entire range allows embroidery on cap, tubular and flat items.

They are equipped with a height-adjustable table with low position for working in cannon and the standard interval between each head is 40 cm.

### COMMON FEATURES TO RICOMA'S MULTI-HEAD RANGE

- True-color 10.4-inch LCD touch-screen panel
- Simple, ergonomic and intuitive control panel
- Multiple languages French, English, Chinese, Spanish, Portuguese
- Built-in text editing software with 28 available fonts
- Optional USB/Wifi interface
- Visualization of work in real time
- 9 dimensions of preselected and editable hoop frames
- Embroidery speed up to 1000 stitches per minute
- 40 x 45 cm flat embroidery surface
- 270° wide angle cap system allowing to embroider on more than two-thirds of a cap

- 50 millions stitches memory
- Automatic or manual thread trimmer
- Automatic, semi-automatic or manual colour change for fabric application during embroidery
- Applique function for embroidered patch sewing
- Color speed management on the same file
- Pantograph and table included
- 150 W power consumption, the lowest in their range

# HIGH DEFINITION TRUE COLOR 10.4" LCD TOUCH SCREEN



# BROTHER PR SERIES SMALL HOME EMBROIDERY MACHINE

### PR-670E

The **PR-670E**, a 6-needles /6-colors mono head, features advanced, user-friendly features that combine the speed of a professional embroidery machine. It is the perfect choice for a small or home-based business and sewing enthusiasts. Its quick set up and fast multi-needle embroidery enables you to embroider large multi-coloured designs with minimum thread.



|   | ■ PR-1050X, single<br>head 10 needles/ 10<br>colors, is the ideal<br>machine to develop<br>a business activity in<br>complete autonomy,<br>with new functionalities<br>to meetthe requirements<br>of professionals thanks<br>to its large embroidery<br>area. |                               |
|---|---|-------------------------------|
|   |   |                               |
|   | Large embroidery area   | 36 x 20 cm                    |
| m | Included hoopframes   | 20 x 36, 13 x 18, 10 x 10 & 4 |
|   | Speed   | Up to 1000 stitches / mir     |
|   | Motifs intégrés   | 538                           |

ion (L x H x [

Weight

brother

4 x 6 cm

58.7 x 7

42.5 kg

| Large embroidery area | 20 x 30 cm                           |  |
|-----------------------|--------------------------------------|--|
| Included hoopframes   | 20 x 30, 13 x 18, 10 x 10 & 4 x 6 cm |  |
| Speed                 | Up to 1000 stitches / minute         |  |
| Motifs intégrés       | 600                                  |  |
| Dimension (L x H x D) | 51.2 x 58.7 x 58.9 cm                |  |
| Weight                | 38 kg                                |  |
|                       |                                      |  |

### **OPTIONAL BROTHER'S ACCESSORIES**



# SOTFWARE



DRAWings® has been the first embroidery software to be fully integrated with a graphics designing software. Now, DRAWings® XI, goes one step beyond with its full MAC compatibility. It has the powerful combination of its new easy-to-use built-in designer and its ability to work seamlessly with a graphics software left intac! Create your own designs from scratch with far more ease, transform and edit shapes, add text, all in 3D designing mode. Produce stunning designs with crystals/rhinestones easily that you can combine with embroidery or textile printing.

Now every design can be your embroidery fill type that will fill in your new creations. The array fill will change the way you used to fill your embroidery designs The new automated monogramming tool together with the hundreds of decorative frames (Borders, Corners, Sides) will give you all you need to create your monogram designs. You can now use the software to create and cut your appliqué designs or any other material by connecting it directly with the most popular cutters in the market.

# HOOPMASTER STARTER KIT

The HoopMaster's many patented features make hooping easy, faster, and more consistent. You can document logo placement for quick setups and more consistent placement. The HoopMaster is custom made for your hoops, so there is no hardware to adjust. With the HoopMaster, new employees will be hooping in no time at all.

Your productivity and profitability will increase as well as the quality control your customers deserve. Put this innovative system to work for you. The many time saving and profit building features will quickly pay for themselves.

### Promattex offers you a Hoopmaster kit consisting of:

- HoopMaster station
- A 10.4 x 9.8 cm magnetic frame adapter
- A magnetic frame size 10.4 x 9.8 cm for RCM-1501
- All elements of this kit can be supplied separately.





### The HoopMaster step by step use:

- Place the adapter on the station at the desired position.Remember the number appearing in the tray for the next series.
- Install the female part of the magnetic frame.
- Place the embroidery reinforcement in the magnetic wedges (the embroidery glue is no longer necessary but remains recommended).
- Positione your textile into the station at the desired marker.
- Place the male part of the magnetic frame on the fixture arms of the adapter, clip it is hooped !

# MIGHTY HOOPS FOR EMBROIDERY MACHINES

# Rricoma brother JANOME

The Mighty Hoop is a strong magnetic hoop, which can be used on almost any embroidery machine. There is no need to adjust the outer ring of the hoop, because it holds the garment with magnetic force, and automatically adjusts for different thicknesses. Mighty Hoops reduce hoop burn, and stress on arms and wrists. You can hoop the impossible with Mighty Hoops, even Carhartt!

The HoopMaster is the best-selling commercial embroidery hooping system in the world. Its patented features make it the easiest, fastest, and most consistent hooping system available in the industry. We recommend using the HoopMaster with Mighty Hoops for the ultimate hooping experience!



The advantages of Mighty hoops:

- They are available in 18 sizes, to allow you to make ALL
- embroideries!
- The hoop closure is instantaneous: hoop almost twice as fast as a traditional hoop.
- No tension to adjust: the tension is perfect, in one move.
- Reduces possibility of hoop burn.

### **Compatibility:**

Mighty hoops are compatible (depending on models) with embroidery machines marketed by Promattex.

Ricoma EM-1010, RCM-1501PT, RCM-1501TC, RCM C SeriesC

Brother Persona (1 needle), PR6 (6 needles) and PR10 (10 needles)



|   | HOOP SIIEZES  |                       |                       |
|---|---------------|-----------------------|-----------------------|
|   | Hoop (inches) | Outer dimensions (cm) | Inside dimension (cm) |
|   | 4.25          | 10.3 x 10.3           | 7.3 x 6.7             |
|   | 5.5           | 13.4 x 13.4           | 10.4 x 9.8            |
|   | 6.5           | 16.5 x 16.5           | 13.5 x 12.9           |
| y | 4 x 6         | 15.2 x 10.1           | 12.2 x 6.5            |
|   | 7.25          | 18.4 x 18.4           | 15.4 x 14.8           |
|   | 6.25 x 8.25   | 20.9 x 15.8           | 17.9 x 12.2           |
|   | 9 x 3         | 7.6 x 22.5            | 4.6 x 18.9            |
|   | 9 x 5         | 13.3 x 22.5           | 10.3 x 18.9           |
|   | 8 x 9         | 23.3 x 21.3           | 20.3 x 17.7           |
|   | 8 x 13        | 32.5 x 19.4           | 29.5 x 15.8           |
|   | 10 x 10       | 24.5 x 24.5           | 21.5 × 20.9           |
|   | 11 x 13       | 32.5 x 27.4           | 29.5 x 23.8           |
|   | 12.5 x 15.75  | 40 x 31.8             | 37 x 28.2             |
|   | 13 x 16       | 40.1 x 32.5           | 37.1 x 28.9           |
|   | 4.25 x 13 H   | 33 x 10.8             | 30 x 7.2              |
|   | 4.25 x 13     | 10.8 x 33             | 7.8 x 29.4            |
|   | 4.25 x 16     | 10.8 x 40.6           | 7.8 x 37              |
|   | 4.375 R       | 11.1 x 11.1           | 8.1 x 7.5             |

Check Mighty hoops compatibility with your embroidery machine at www.promattex-international.com

### **OPTION ADD-ONS**

To diversify your embroidery needs, Promattex offers you 4 special hoops very practical and easy to use. The portfolio opening avoids framing and allows the holders to be threaded directly. Frame closure and pressure are facilitated by a handle or knurled screw.



This hoop allows to embroider the sides or the tab of **different types of shoes** like sneakers, boots, espadrilles or sport shoes (football, rugby, running...). It allows embroidery on a maximum area of  $2.5 \times 5.5$  cm.

### **Small Item hoop**



The small items hoop is very convenient for luggage storage.

### Horse Saddle Mazt hoop





This frame allows to embroider a large surface. With its size of  $31 \times 22$  cm, it will allow to embroider tablecloths, sheets, saddle mats...

**Belt hoop** 





# RHINESTONE

Rhinestones transfer is one of the printing techniques for textiles. At present, simple and accessible to all, it allows reproducing "relief" drawings and logos with the crystals (rhinestones) available in different colours and sizes.

The rhinestone can be used alone or in association with other printing methods as flex transfer or digital printing.

Very fashionable, the rhinestone, by its originality and "prestige", is more and more used for the clothing and accessories.

This technique is largely used by the consumers for the personalisation of their T-shirts. To create a relief (drawing, letters, logo) with rhinestones, after its

preparation on the computer, the first step is to reproduce it on a special support in form of holes.

Once this template is done, you fill it with rhinestones, you take them off with the application adhesive tape.

Then you transfer the logo on the garment with a heat press.



### RHINESTONE STENCIL

The **mask film** is the thick **sticky PVC** vinyl (600 microns) available in rolls of 25 cm x 15 meters. This mask film for rhinestones successfully replaces the template usually made by the laser or mechanical engraving machine on the rigid plate. The holes for the rhinestones are made by the simple plotter in this mask film. This more economical method is completed by the "Alphabet" kit offering the possibility of reproducing simply the drawings and logos. For the optimal cutting of the mask film, Promattex International recommends to use the blades for flock or for the sand mask films.





5 - Pour the rhinestone in the tray 6 - Use application tape to take all rhineston

7 - Press at 150°C 12 seconds



8 - Peel the application tape while it is hot

### STARTING KIT WITH MASK FILM

This kit is designed and produced by Promattex International for the realisation of Rhinestone logos with a cutting plotter and a Flock blade.











cm x 15 M applicator brush

Special rhinestone twizzer

Tray for rhinestones

3 bags of 7200 Adhesive tape of rhinestones 30 cm x 50 Mt

### ULTRASONIC HOT FIX RHINESTONE MACHINE

Promattex offers you the ultra sonic hot fix rhinestone machine for the application of thermo-adhesive rhinestones one by one on all kind of media, even non-flat ones (shoes, bags, household linen, caps, jeans, velvet, share, business card, ceramics, wood, plexiglass...).

Easy to use, simply suck a rhinestone with the stylus and fix it directly to the media by pressing the trigger.

Mark easily on:

Delicate textiles with low heat resistance such as fleece, silk...

Inaccessible areas to the heat press like a pocket with buttons, a starched collar...

Comes with 4 nozzles adapted to the 4 sizes of rhinestone 2, 3, 4 and 5 mm.





Electrical Connections: 220 V - 28/35 KHz Power consumption: 500 W Dimension (L x H x D): 32 x 13 x 38 cm Weight: 14 Kg

# PRETREATMAKER IV

PRETREATmaker IV is a high-end pretreatment machine for direct to garment printing.

With its improvements compared to the PRETREATmaker III it is now possible to pretreat textiles even better and more precise. Thanks to its open interface\* and barcode-system the machine can now easily be integrated into an existing production system. With the available control scale\* it is very easy to control.

the amount of applied precoating. Additional Iters and automated cleaning functions help to maintain a steady precoating ux without nozzle failures.

### Characteristics:

- Touch screen
- Ability to save up to 5 application configurations
- Easy to handle easy to clean
- Nozzles cleaning limited to the last 10 cm of tube allowing a saving of
- pre-treatment liquid
- In-line filter
- Fast switch option to change between pretreatment liquids



As a novelty the unit is equipped with a multiphase motor (step motor). This Pretreatment Machine does have a total of 4 spray valves which can be individually switched on or off. The maximum spray area is 16" in width and 24" in length.

The width can be regulated by switching the 4 spray nozzle valves on or off. Therefore the minimal spray width is 4.7 inches – the ideal width for chest prints. The length can be regulated in 0.78 inches intervals. Spraying is possible uni- and bi-directional. This will allow each user to setup the unit according to their needs.



4 removable heads easy mantenance operations



Control panel 1: recoating valve 2: Water/precoating valve



Simple and intuitive multilingual touch screen 5 languages available: English, French, German, Italian, Polish



3 on-board and machine-integrated tanks

- 1: Pretreatment Fluid
- 2: Pretreatment Fluid (possibility of using another type of liquid)
- 3: Demineralized water for cleaning operation

# Accessories



PRETREATmaker III table ideal for the installation of the Maker IV in store or workshop. A sturdy shelf allows you to place accessories under the machine.

This cleaning fluid is essential for a proper maintenance of the Maker IV.

| CHARACTERISTICS        |                        |  |
|------------------------|------------------------|--|
| Spray Area             | 40 x 60 cm             |  |
| Dimension (L x H x D)  | 90 x 72 x48            |  |
| Weight                 | 68 kg                  |  |
| Electrical Connections | 220/230 V or 110/120 V |  |
| Power consumption      | 150 W                  |  |

# **DIRECT TO GARMENT « DTG » PRINTING**

# **EPSON**<sup>®</sup>

Direct textile printing is a modern technique that pushes the limits imposed by other marking processes. As an alternative to silkscreen printing, direct printing simplifies quadri marking on light and dark textiles. It gives a look and touch similar to silkscreen printing with no extra technical cost. A cost-effective solution, this technique is perfectly adapted to instore sales and small and medium-sized productions. Promattex has chosen Epson's 100% manufacturer solution for its excellent price quality ratio and reliability.



### SURECOLOR SC-F2100

### 100% Epson solution: Printer + Ink + ASS



Surecolor **SC-F2100** prints directly on the textile with a minimum of 50% cotton.

Both environmentally friendly and low operating costs, it allows the simple and fast realization of t-shirts, polos, sweat-shirts, custom bags at professional quality.

Designed exclusively for direct-to-garment printing, the SureColor F2100 offers an entirely purpose-built system for high-quality prints at production speeds. Developed using the latest advancements in performance imaging, including our Epson® PrecisionCore® TFP® printhead and Epson UltraChrome® DG garment ink technology, the SureColor F2100 achieves up to twice the speeds of our previous generation of DTG printers.

Compact and quiet, it easily integrates into all work environments without special needs. A highlight white ink mode has been developed exclusively for the SureColor F2100, this unique feature offers simultaneous printing of White and color inks on the color pass for greatly improved image quality, speed, and efficiency. Furthermore you will benefit of a Nationwide guarantee and technical support ensured by Epson!

In order to guarantee the quality and durability of dark textile prints, Epson has developed a pre-treatment fluid to bind white ink to the garment with exceptiona durability and opacity. Odourless, this liquid has a soft, non-sticky texture and is easily applied with hand sprayers, spray guns, dedicated pre-treatment machine or screen printing frames. It dries under a transfer press to penetrate the fabric mesh.

### **Key benefits**

- Easy adaptation to your needs: printing on a variety of clothes
- Precise dot control for outstanding clarity and sharpness for garment imaging.
- One step ahead: reducing errors and optimizing reliability
- Advanced engineering: high-quality components
#### Ink configurations

The configuration is to be defined during the start-up and is final.

5 colors - White ink mode  $\bigoplus_{B} \circ \bigoplus_{x} \circ \bigoplus_{y} + \circ \bigoplus_{y} \circ \bigoplus_{y}$ 





High speed color mode







Printing

Drying on infrared conveyor dryer or heat press

For **dark textiles**, it is necessary to pretreat the fabric and dry it before printing. One to two layers of white are needed before the color.

## Garment Creator softwear included



**Epson Garment Creator** Software, available for macOS® and Windows®, includes powerful tools for layout and text, color management, ink control, cost estimation, plus hot folders

A plug-in on Illustrator and Photoshop is available to send files directly to Epson Garment Creator.

## **OPTIONAL EPSON PLATEN FOR SC-F2100**



Small platen 35.6 x 40.6 cm



Medium grooved garment platen 35.6 x 40.6 cm



Large garment platen 40.6 x 50.8 cm



Small garment

platen

25.4 x 30.5 cm

Extra small platen

17.8 x 20.3 cm



Sleeve platen 10.2 x 10.2 cm

## CONSUMMABLES FOR SC-F2100



Epson UltraChrome DG Ink as well as pretraitement fluid are certified by **ECO PASSPORT by OEKO-TEX®**, meaning it's safe for adults, children and babies. This is an international safety standard in the textile industry and a system by which textile chemical supplier demonstrate that their product can be used in **sustainable textile production**.

H and H

Cleaning cartridges 600 ml

**Printer Maintenance Kit** 

cleaning liquid, plastic cup, small

tip swabs



Pre-Treatment Fluid 20 liters concentraite

**Print Head Cleaning Kit** 





UltraChrome DG cartridges 600 ml



Grip pad tool



**Printer Air Filter** 

## SILKSCREEN PRINTING

Silkscreen printing is one of the oldest marking techniques that requires special knowledge and heavy material investment. Promattex innovates and develops various solutions adapted to all types of workshops and presents its scalable and small-scale hardware ranges (Start, Start + and Pro SP) with carousels, drying tunnels and flashers, as well as many practical accessories to use.

## LONG AGO, SCREENPRINTING WAS... THE TRADITIONAL WAY



For several years, Promattex has been simplifying the **production of screens** and offering several solutions in line with the market: the Flex Stencil, the Laser Stencil and the exclusive **GOCCOPRO** system. With these exclusivities, screen printing becomes:

- + Simple: Prepare your screen in-house in a complete autonomy!
- + Fast: Your screen is ready in a few minutes and is reusable.

Be productive with screen printing, which allows you to make up to 120 t-shirts per hour!

+ Ecological: No need for insolation, emulsion, chemicals, water or solvents, only screen printing ink is used.

## FAST AND MONEY-SAVING TECHNIQUES: FLEX AND LASER STENCILS

Stencil techniques make it possible **to start at a lower cost** and with simplicity in screen printing. With a **cutting plotter** or laser printer, a self-tensioning frame and a heatt press, you quickly make your screen. All you have to do is install it on your screen printing press and start your impressions. Silkscreen stencils are compatible with all special effects inks and adhesives marketed by **Promattex**.

## ■ FLEX SCREEN PRINTING STENCIL - SCREEN MANUFACTURING WITH PROMAFLEX PU SPECIAL SHARPNESS



### The concept:

With a cutting plotter and a Flex roll, create your screen in just 10 minutes!

#### Equipment:

- Cutting plotter
  Heat press
- Flex PU Spécial Sharpness Screen printing press
- Self-tensionning frame Textiles

#### To be used:

- For all vectorized, cut-out and sketchy patterns
- With manual screen printing press
- For small and medium productions

#### The particularity of the Flex Stencil

Possibility to create large printings, depending on the width of the flex and screen printing frame used!

#### THE LASER STENCIL - SCREEN PRODUCTION USING A LASER PRINTER AND TRANSFER PAPER











#### The concept:

Using a laser printer, the visual is printed on a special paper. The transfer of the visual on the frame makes it possible to obtain the screen.

#### Equipment:

- Laser printer
- Magic Screen paper
- Self-tensionning frame

- Screen printing press
- Textiles

Heat press

#### To be used:

- For all types of visuals (half-tones, textured...)
- With manual screen printing press
- For small and medium productions

#### The particularity of Laser Stencil

Marking size limited to laser printer A3 format, but possibility to make fine and half-tone printings.

## STARTING KITS

Promattex offers 4 starter kits to launch in screen printing with Flex Stencil and the Laser Stencil solutions.

These kits contain all the hardware (Screen printing press, self-tensioning frame...) and consumables (ink jar, scraper, masking adhesive, spatula...).

## **REVOLUTION: DIGITAL SCREEN MAKING PROCESS!**

## DIRECT SCREEN REPRODUCTION ON THE FABRIC

Promattex exclusively offers the GOCCOPRO range which, unlike the traditional method, allows the production of screen printing by digital process. Unique on the market, these machines are revolutionizing the production of screens and aim manual and automatic screen printing. With a technology identical to that of the duplicator, the GOCCOPRO uses thermosensitive screens (masters). The digital data is transmitted from the PC to the thermal heads, which directly removes the master according to the artwork. The GOCCOPRO perfectly reproduces the image to be printed and offers an excellent quality on half-tone, gradients, finesse...

This process offers multiple advantages, in line with market trends:

- Fast: 2 min is enough to produce a screen from any file!
- Easy: no need for technical skills, it can be used as a simple printer
- Economical: saving time on labour and no need for chemicals
- Ecological: no need for emulsion, chemicals, water or solvents
- Quality: direct print on screen and no loss of resolution
- Flexible: suitable for short lead times, ideal for small and medium series
- Compact: ergonomic equipment that integrates into an office environment

## **UN NON-TENSIONNED FABRIC**

master





frame





#### Create Artwork

## GOCCOPRO MISCREEN

MiScreen finds his place in a small workshop or shop. It creates screens via all types of files, from word to PDF, through jpeg... no need for image processing or vectorization.

#### MiScreen is used with the Master 120P:

intermediate between the masters 70p and 200p, screen for color and finesse over textile and other supports, useful with water, solvent and plastisol inks.















with a computer and send the artwork

Connect the Miscreen

Adjust the frame with the screen on the device

Hold down the cover switch & make a screen

Screen ready in 30 seconds

Place the holder on the print table

Set the substrate & the imaged screen frame on the printing board

Apply the ink on the screen

GOCCOPRO 100

- Very simple to use and compact, the GOCCOPRO 100 can be used as a printer. Once the master is taken out of the machine, just stretch it and fix it on the frame.
- Fits Promattex 38 x 48 cm auto-tensioning frames with print format close to A4.
- Very good print quality with high sharpness and excellent hal-tone effects.
- For single or multiple colour markings, but not requiring precise registration.



| CHARACTERISTICS             |                            |                              |  |  |
|-----------------------------|----------------------------|------------------------------|--|--|
|                             | MiScreen                   | GOCCOPRO 100                 |  |  |
| Resolution (dpi)            | 200 x 400 (perf. 200)      | 600 x 600 (perf. 600 x 1200) |  |  |
| Thermal head size (cm)      | 21                         | 29.7                         |  |  |
| Maximum printing size. (cm) | 21 x 30                    | 29.7 x 80                    |  |  |
| Maximum frame size (cm)     | 30 x 43                    | -                            |  |  |
| Minimum frame size (cm)     | -                          | -                            |  |  |
| Print speed                 | Approximatively 30 seconds | 1.8 minutes for an A3        |  |  |

## ${f S}$ CREEN MAKING PROCESS WITH GOCCOPRO QS200, QS1836 ${f \&}$ QS2536

The GOCCOPRO QS200 and QS2536 reproduce the visual directly on a screen-printed frame. It is the thermal head that moves on the already stretched frame and perforates the master according to the desired visual.











screen

## GOCCOPRO QS200

■ The **QS200** offers a larger print format than the GOCCOPRO 100 (42

- x 62 cm) particularly suitable for screen printing on t-shirt.
- The print head makes the screen in several 10 cm strips.
- Accurate registration enables multi color printing L.
- Since the mesh is already stretched on the frame, there is no risk of deformation of the visual at the power-up.

Once the image is reproduced, the screen is ready to be printed via a manual screen printing press.



## GOCCOPRO QS1836 & QS2536

Like the QS200 first you stretch our special precoated digital master material into a frame. You place this frame into the QS2536 or QS1836 and it makes the screen. Screens can be made in a resolution of 1200dpi producing unparalleled levels of digital screen guality. Large image size of up to 457 x 759mm The frames are large to work with automatic print presses. These screen makers are perfect for increasing productivity and job throughput. Speed of production is as outstanding as the quality of screen.



#### QS1836

The GOCCOPRO QS1836 handles a frame size up to 350 x 759 mm. It uses a long high-resolution thermal head of 1,200 dpi for a stable precision screen making process.

Its resolution of 600 x 1200 dpi (1200 in perforation) offers a high image quality and allows marking from monochrome to multi-color printing on manual or automatic print presses.

#### QS2536

■ The GOCCOPRO QS2536 handles a frame size up to 635 x 914mm. It uses a long high-resolution thermal head of 1,200 dpi for a stable precision screen making process. This is the best screen maker for the printing industry due to its extra-large screen size, multi-color printing and high-precision screen making. Plus, the compact size will fit on a table.



## **Exclusively at Promattex**

## Thermal head LIFE-TIME WARRANTY

| CHARACTERISTICS          |                            |                            |                            |  |  |
|--------------------------|----------------------------|----------------------------|----------------------------|--|--|
| QS200 QS1836 QS2536      |                            |                            |                            |  |  |
| Resolution (dpi)         | 600 x 600 (perf. 1200)     | 600 x 1200 (perf. 1200)    | 600 x 1200 (perf. 1200)    |  |  |
| Thermal head size (cm)   | 10.5                       | 35                         | 45.7                       |  |  |
| Maximum Print size. (cm) | 42 x 62                    | 35 x 75.9                  | 45.7 x 75.9                |  |  |
| Maximum screen size (cm) | 58 x 78                    | 63.5 × 91.4                | 63.5 x 91.4                |  |  |
| Minimum Screen size (cm) | 26 × 26                    | 44 x 31                    | 59 x 31                    |  |  |
| Print Speed              | 4 minutes for an A2 format | 3 minutes for an A2 format | 3 minutes for an A2 format |  |  |

## **NEW: DIGITAL SCREEN-PRINTING TRANSFERS !**

## Окі pro 9541wt

The **Pro9541WT** is the world's first-ever 5-color, LED device to deliver 13"x19" digital transfer printing technology.

The Pro9541WT is the world's first 13"x 19" Digital Transfer Printer. This innovative device integrates single pass, **5-color printing technology** and a special toner formula to deliver **"true" black and vibrant CMYK colors**. The unique white-trapping feature achieves finer, more precise graphic details on dark backgrounds. Unlike other competitor models, the Pro9541WT prints **1200 x 1200 DPI** making it a preferred choice for commercial printers and the decorated apparel industry. As with the entire product line of Digital Transfer Printers, the Pro9541WT comes with a 2-year onsite warranty.

Transfer your designs onto a wide variety of surfaces, including apparel and hard surface goods. Provides flawless digital transfers for all garments and textiles.





Thanks to high-quality digital **LED printing technology**, the **Pro9541WT** combines unparalleled support for a wide range of media at fast print speeds and five-colour technology to deliver fantastic in-house results on a wide range of media, such as glossy, transparent, transfer paper, waterproofed...

Paper sizes **A6 to SRA3** and banners up to 1.30 m long. Paper weight up to 360 g/m<sup>2</sup> single-sided and 320 g/m<sup>2</sup> double-sided. Supports a wide range of media: glossy paper, transfer, transparent, waterproof and many more...

Paper tray capacity of 530 sheets as standard, can be extended to 2950 sheets with optional trays.

A comfortable multi-format tray of 300 sheets for even more flexibility.

With the **Pro9541WT** printer and **DIGISERI** transfer paper, you can customize clear and dark textiles with multi-colori and white prints with digital printing and a single screen, combining the low cost and quality of screen-printing with the speed and simplicity of digital printing.

With the **Pro9541WT** and **DIGISERI**, you get digital screen printing transfers that would enable you customize any type of fabric and media.

For natural and synthetic fabrics, we recommend the use of **DIGISERI Textile** while for polypropylene TNT (for example, buyers) and fabrics with low heat resistance, we recommend **DIGISERI Low Temperature**. **SHOCKLINE** about your transfer paper

With this **HYBRID** solution you can quickly get high-quality prints with bright and durable colors but also with very low costs (one screen).

The ideal solution for small and medium series. Color printing is done on a special paper with the Oki Pro9541WT.

The white background is then silkscreened on this paper and the hot-melt powder glue is sprinkled on the white background before drying it on the infrared conveyor dryer.

#### DIGISERI Low Temperature





## A WELL THOUGHT-OUT SILKSCREEN WORKSHOP!

Promattex meets the requirements of the market and develops its own range of screen printing equipements around 3 ranges START, START + and Pro SP. This complete range distributed by Promattex, is dedicated to professionals who wish to start or complete their silkscreen printing business with economical and efficient tools. Discover our Screen printing presses from 1 to 6 colors, Infrared drying conveyors, flash cure units, as well as many accessories.

## START & PROSP RANGE

#### TABLETOP SUPPORT MECHANISM FOR SCREEN PRINTING FRAME

This support is composed of a jaw, which allows to be installed on any flat surface: table, desk, work surface, kitchen furniture... The installation is done very quickly and the support is stored anywhere once the work is finished: Space saving garanteed!

#### Versatile solution for textiles and objects:

This system allows to mark flat supports (t-shirts and other textiles) but also thicker objects: wooden box, metal, notebook, plexiglas... vail, kitchen furniture...

#### **Optimized solution for easy work:**

The trigger above the jaw holds the frame in a vertical position while the tee-shirt is positioned.

## SCREEN PRINTING PRESS START 1-1

The START 1-1 is a single-color tabletop press developed and distributed by Promattex. With a very small investment, the START 1-1 allows to start textile screen printing with a good production quality. It is very compact and easy to use.

With its independent head, the START 1-1 allows for a wide range of adjustments to fit different media and print configurations. The stroke setting of the pallet on the arm is 25 cm.

## SCREEN PRINTING PRESS PROSP 4-4



The Prosp 4-4 is a floor standing printing press with 4 print heads. Very stable, it is dedicated to professionals who want to develop their production capacities. Robust and easy to use, this printing press has a double rotating hub with selfgreased ball bearings.

Head return by springs

Dimension (L x H x D): 19 x 23 x 22.5 cm

- Adjustable frame inclination
- Off-contact adjustment
- Adjusting the frame parallelism
- Guide to Indexing Frameworks Pallet Rotation Blocking System
- Adjustable support legs
- Casters and stabilizer feet
- Pallets can be adjustable by sliding on the arm

## SCREEN PRINTING PRESS PROSP 6-6

The Prosp 6-6 is a floor standing printing press with 6 heads and 6 pallets. This manual screen printing presse offers the screen printing professional an unequalled range of advanced capabilities that decrease set up time, improve registration accuracy and increase productivity. It is suitable for large productions on all kinds of textiles such as t-shirts, sportswear, bags, fabrics...

Mounted on 4 wheels to move it easily, it has sturdy feet with washers for perfect stability.

Its tubular steel construction makes it a robust and reliable product. Despite its 6 colors, its minimum footprint is 230 cm, which allows it to easily find its place in small workshops.

- Screen support height adjustment
- Head lateral adjustment
- Head depth and diagonal adjustment



The Prosp 6-6 printing press can accept screens up to 59 x 79 cm. It comes with 40 x 50 cm Pallets

SCREEN PRINTING



Stainless steel vacum pallet 60 x 50 cm with turbine

## Developed by Promattex, the

stainless steel vacuum pallet with turbine allows to make impressions on all flexible or rigid supports (posters, transfers, PVC, alu...).



Working height: 90 cm

### LIGHTNING ANATOL

The **Lightning** is Anatol's commercial-grade manual screen printing machine, designed for years of trouble-free printing. Strong but lightweight, the Lightning is simple to move and set up. The Lightning is ergonomically designed for easy use and the dual bearing system allows for smooth motion for t-shirt printing all day. The side clamps are adjustable to hold **66 x 91** cm screens or smaller. It's the best value in its class. The Lightning is available in configurations of **4 Stations / 4 Colors, 4 Stations / 6 Colors, 6 Stations / 6 Colors, 4 Stations / 8 Colors, 0 r 8 Stations / 8 Colors**.



#### **Design & construction**

- Double-bearing registration locks ensure top print quality with multi-color jobs
- Sturdy but lightweight, easy to move and install
- Side screen clamps keep screens in registration
- 100% tool-less setups and operation
- Compatible with most manufacturers' pre-press registration systems

#### **Print Head**

- Gauged three-point micro-registration movement is adjustable on three points (Front to Back, Side to Side and Rotational)
- Motion-independent micrometric locking
- Adjustable guided spring tension system for smooth lift
- Off-contact and screen pitch adjustments on each print head
- All-Heads Down on models 4s / 4c, 6s / 6c and 8s / 8c) designed to print any color from any print head.

#### Pallet System

- 533 x 588 mm rubber-coated aluminum pallets included
- Choice of quick release or slide style pallets

#### Registration

- Fine threaded registration
- Easy-to-read micro registration targets
- Can be used with most common pre-registration systems available on the market
- Three point micro registration: front to back, side to side and rotational movement

## Accessories









Pneumatic frame fastner (requires an air compressor)

Holding pallet

Sleeve pallet

Zippered pallet

| CHARACTERISTICS    |                     |                   |            |  |  |  |
|--------------------|---------------------|-------------------|------------|--|--|--|
|                    | 4/4 4/6 6/6 4/8 8/8 |                   |            |  |  |  |
| Max. printing size |                     |                   | 53 x 71 cm |  |  |  |
| Max. screen size   | 66 x 91 cm          |                   |            |  |  |  |
| Standard pallet    |                     |                   | 41 x 56 cm |  |  |  |
| Diameter           |                     | Ø 290 cm Ø 330 cm |            |  |  |  |

## INFRARED PANEL FLASH CURE UNIT

The affordable and easy to operate Anatol Infrared Panel Flash cure unit is a great addition to a startup t-shirt screen printing shop. It features a powerful infrared radiant panel, available in two sizes: 16" x 16" or 18" x 20". The Infrared Panel flash dryer comes with a sturdy rotating stand for mobility and easy setup. Powerful infrared panels provide reliable, constant heat for consistent curing results.

| CHARACTERISTICS                         |               |               |  |  |
|---|---------------|---------------|--|--|
|   | INFPAN-16x16  | INFPAN-18x20  |  |  |
| Size                                    | 41 x 41 cm    | 46 x 51 cm    |  |  |
| Single Phase Electrical<br>Requirements | 14 A          | 20 A          |  |  |
| Three PhaseElectrical<br>Requirements   | Not available | Not available |  |  |



## RAPID WAVE FLASH CURE UNIT

The **Rapid Wave Flash** is the curing unit of choice for high-volume shops. The Rapid Wave features ultra-fast medium wave quartz lamps with variable lamp intensity control. Quartz flashes use state-of-the-art quartz tubes for rapid flash curing and are the next step up from using an infrared flash dryer. Quartz flashes heat quickly and shut down between cures to save electricity and reduce heat in the shop. Units are available with temperature sensors, allowing you to program the flash to achieve a set temperature via your Anatol automatic press's touchscreen. The Rapid Wave Flash has three zones that can be activated independently or in combination: front, center and back. The Rapid Wave Flash Cure is available in fine medded (16," w 16,") flash areas up to ever sized (20," w 40,")

available in five models, from standard (16"  $\times$  16") flash areas up to over-sized (30"  $\times$  40") flash areas.

| CHARACTERISTICS                            |            |            |            |               |               |
|--|------------|------------|------------|---------------|---------------|
|  | RWQF-1616  | RWQF-1618  | RWQF-2021  | RWQF-2028     | RWQF-3040     |
| Size                                       | 41 x 41 cm | 41 x 46 cm | 51 x 54 cm | 51 x 71 cm    | 71 x 102 cm   |
| Single Phase<br>Electrical<br>Requirements | 43 A       | 57 A       | 85 A       | Not available | Not available |
| Three Phase<br>Electrical<br>Requirements  | 25 A       | 33 A       | 49 A       | 63 A          | 98 A          |



## **PROSP SERIE**

## PROSP IR CONVEYOR DRYER

The **Prosp Dryer IR** infrared drying tunnel allows to dry plastisol inks, water inks on textiles and other supports. This tunnel consists of a 100 cm heating chamber with adjustable height and infra-red ceramic tubes. The Teflon belt speed and heating power are adjustable.

With its length of 180 cm, it remains compact and allows a rate of 150 pieces/hour, ideal for small and medium productions!

- Heating chamber lenght of 100 cm
- Belt widht of 65 cm
- Belt speed between 50 cm to 5 meters / minute
- Adjustable heating chamber doors
- Height Adjustment of infra-red lamps
- Heating power setting
- Dimensions (L x H x D): 180 x 128 x 100 cm



Promattex offers a range of consumables and accessories for traditional screen printing in line with the techniques of Flex, Laser stencils and Riso's **GOCCOPRO**. The range includes the essentials: screen printing frames and fabrics, Excalibur plastisol inks, Kiian water and discharge inks, special effects and all silkscreen printing accessories (scrapers, spatulas and other tools).

## ${f S}$ CREEN PRINTING FRAMES

Promattex offers 3 types of screen printing frames: US frames, with their small formats, can be used without carousel for small productions. US self-tensioning frames allow a high tension of the fabric or master. They are suitable for production and have a good hold with automatic carousels. Promattex self-tensioning frames are recommended for silkscreen stencil techniques, thanks to their fast assembly and their adapted formats.

## US SELF-TENSIONING FRAMES

Thanks to their aluminium structure, the US self-tensioning frames offer great resistance and adapt to all manual or automatic carousels. They are perfectly suited to GOCCOPRO and are also used in traditional screen printing. Their high voltage, stable, will facilitate the printing of visuals in several colors with precise registration.

Dimension (L x H): 43 x 60 cm Print size: 28 x 41 cm

Dimension (L x H): 52 x 70 cm Print size: 38 x 51 cm

Dimension (L x H): 56 x 76 cm Print size: 42 x 57 cm



Dimension (L x H): 60 x 76 cm Print size: 46 x 57 cm

## ■ WOODEN FRAME SET FOR US SELF-TENSIONING FRAMES

Promattex offers US frames suitable for the GOCCOPRO 100 and Miscreen as well as Laser and Flex stencil techniques. More economical, the different formats reduce master consumption and adjust to screen-printing media.

Cadre B811 Dimension (L x H): 15 x 22.5 cm

Cadre B1114 Dimension (L x H): 20.6 x 28.3 cm

Cadre B1316 Dimension (L x H): 26.5 x 34 cm

## PROMATTEX SELF-TENSIONING FRAMES

Promattex has developed its own self-tensioning screen-printing frames. They are economical, and their formats are adapted to stencil techniques.

Simple and fast, the fabric is assembled with a single wrench, in just 5 steps and in less than 5 minutes!

- Good tension for better print quality
- Up to 16 clamping points for regular distribution of fabric tension.
- Compatible with most manual printing presses.

Dimensions (L x H): 38 x 48 cm Print size: 25 x 30 cm

Dimension (L x H): 48 x 58 cm Print size: 35 x 40 cm

Dimension (L x H): 50 x 76 cm Print size: 37 x 58 cm

Promattex also sells a Riso self-tensioning frame that is perfectly suited to the Goccopro QS2536.

Its functionality and benefits are the same as the Promattex self-tensioning frames.

ulunda

Dimension (L x H): 91.5 x 64 cm Print size: 79 x 49 3 cm

## SILKSCREEN FABRICS – STENCIL TECHNIQUES & TRADITIONAL SCREEN PRINTING

For stencil techniques and traditional screen printing, Promattex offers a range of fabrics with different mesh sizes depending on the drawing to be printed or the desired effects:

- **16 yarn/cm mesh**: ideal for glitter or shimmer inks, as these inks contain particles that can't pass through finer mesh.
- It is widely used for textiles, PCB, etc printing.- Roll in width of 50 cm and 100 cm x 20 M.
- **36 yarn/cm mesh**: allows heavy ink deposit, it's often used for textiles, graphics, PCB, etc printing. Rolls in width of 50 cm and 100 cm x 25 M/ 33 and 50 cm x 50 M.

Since ink deposit is important, this mesh helps to increase opacity and better covering on dark textiles.

**53 yarn/cm mesh**: ideal for printing bold colors on dark textile fabrics. **– Roll size of 33 cm x 50 M**.

**54 yarn/cm mesh**: has high tension and low elongation, with excellent tear resistance and dimensional

stability - Roll sizes of 50 cm & 100 cm x 25 M ideal for printing bold colors on dark textile fabrics.

**77 yarn/cm mesh:** The mesh count are considered as fine mesh count, has high tension and low elongation,

with excellent tear resistance and dimensional stability, mesh count screens will deliver detailed prints with a softer

hand feel, its allow for lighter ink deposits. It is widely used for textiles, graphics, PCB... printing.- Roll sizes of 50 cm & 100 cm x 25 M. 90 yarn/cm mesh: deliver detailed prints with a softer hand feel, its allow for lighter ink deposits.- Roll size of 50 cm & 100 cm x 25 M. This mesh is perfect for laser stencil and photo screen printing.

## Masters & Thermal Papers - For GoccoPro

The GOCCOPRO uses pre-coated mesh or heat sensitive screens (masters). Depending on the inks used, the masters produce between 500 and 1000 screen prints.

There are several masters depending on the support and the screen-printing visual:

| Master                                    | MiScreen          | GOCCOPRO 100 | QS1836               | QS200                | QS2536               |  |
|---|-------------------|--------------|----------------------|----------------------|----------------------|--|
| For textile (water based & plastisol ink) |                   |              |                      |                      |                      |  |
| Master 70P: for calligraphy & drawings    |                   | 32 cm x 12 M | 56 and 113 cm x 30 M | 56 and 113 cm x 30 M | 56 and 113 cm x 30 M |  |
| Master 120P: The most versatile           | Sheets 40 x 25 cm | 32 cm x 12 M | 56 and 113 cm x 50 M | 56 and 113 cm x 50 M | 56 and 113 cm x 30 M |  |
| Master 200P: For fine quality printing    |                   | 32 cm x 12 M | 56 and 113 cm x 50 M | 56 and 113 cm x 50 M | 56 and 113 cm x 30 M |  |
| On hard media (using solvent inkt)        |                   |              |                      |                      |                      |  |
| Master 180P                               |                   | 32 cm x 12 M | -                    | -                    | -                    |  |

#### New!

Promattex offers thermal paper, available in rolls of 59 cm x 30 M. This paper is placed on the screen and allows you to carry out tests to check the details and printing quality at scale 1.







## SCREEN PRINTING INKS

Promattex offers 3 lines of silkscreen inks and more than 110 colors and effects! The water ink allows a soft and smooth touch. Dischage ink allows printing almost with no sense of touch, similar to sublimation. As for the Plastisol ink, it makes it possible to obtain all kinds of effects (reliefs, textures with a touch comparable to the Flex).

## WATER-BASED INKS

Promattex offers 12 colours of TEXILAC MONO water-based single component ink from the Manoukian Argon brand. With an excellent covering performance, these water-based inks allow screen printing of white or coloured cotton textiles and offer a soft touch and matte finish. Curing at the conveyor dryer is not necessary. However, switching to the 100°C dryer increases print resistance.

For greater resistance to washing, the ECOTEX FIX 50 catalyst (2%) can be added to these water-based inks. The effect of the catalyst acts for 8 to 12 hours. After this time, the ink can be used normally or catalyzed again; the catalyst does not alter the ink.

To slow down ink drying in the mesh, a TEXILAC retarder (3%) can be added but slows down the drying time. For the preparation of special colours, some colours of the range can be combined. Promattex advises not to mix more than 3 bases.

A softening agent ECOTEX Softening can be added to the ink for a more smooth touch effect (5 to 20% max). Without phthalate and formaldehyde, TEXILAC inks are ready for use in 1 kg jars.

## DISCHARGE INKS

Promattex offers two-component water-based Manoukian Argon ink for the printing of certain dark cotton textiles.

Discharge ink (base + additive) removes the back dye of a cotton fabric. The addition of a pigment concentrate to this preparation allows replacing the initial dving by a new one.

Acting as a descoloration/dying process, the printed areas has no feeling touch and does not require a underlayer of white on dark fabrics.

Discharge ink is prepared with a base and 5% activator powder. It can be dyed with 5% special pigment for discharge base (10 colors to choose from) to get very bright colors. For an optical white effect, the white pigment can be added up to 10% maximum.

Discharge ink and TEXILAC pigment have high coverage on a dark background.

Without phthalate and formaldehyde\*, discharge base is packed in a 5 kg pot, the activating powder in a 1 kg pot and the pigments in a 1 kg bottle.

## PLASTISOL INKS

xcalibur.

Promattex distributes Plastisol Excalibur, a Lancer group brand, leader and expert in the development of screen printing inks. Easy to work, Excalibur inks are perfect for beginners and professionals alike. They are available in a full range of high performance and are designed for virtually all types of printing applications.

Excalibur offers a wide range of 88 colors and effects to unleash your creativity! The 500 and 550 series are free of phthalates and heavy metals and their formulations meet the CPSIA (Consumer Product Safety Improvement Act) standards.

#### **500PF Series Plastisol Inks**

Excalibur's 500PF is the printer's choice for high-production, wet-on-wet direct printing on 100% cotton light colors or on top of a flashed white underbase. This ink is available in a wide range of colors all formulated to minimize build-up on the backs of screens.

With its creamy & easy-printing

consistency it produces sharp, opaque prints on both manual and automatic presses.

#### 550PF Series – High-Opacity Inks

Excalibur's 550PF Series offer printers the ulitmate in opacity and printability for direct printing 100% cotton dark fabrics. For best results if printing a color by itself either a double stroke or a print/flash/print technique should be utilized. Available in a complete colour range of 28 standard and 8 neon colours.

They are completely phthalate-free and lead-free formulation complies with all standards of Consumer Product Safety Improvement Act (CPSIA) banning phthalates and heavy metals in textile-printing inks.





### 551PF ColorPRO Pantone Matching System

Excalibur's 551 PF ColorPro is a high-opacity color mixing system that produces simulated Pantone® colours, and custom shades. It consists of 11 standard ready-for-use colors and five additional components called Boosters. Booster Colours are very intense shades of Yellow, Red, Blue and Green. When added in increments between 5%-40% they will increase the brightness and color accuracy of specific colours. All Pantone® colour formulas contained in the ColorPro Software will benefit in accuracy with the addition of Booster Colours are presently being updated and added to the software as they are formulated.

## 11 colors

\* Low formaldehyde level for activating powder







27 colors

#### SPECIAL EFFECT INKS

#### 700PF Glitter Series Colours

These colours consists of six Holographic Glitter Colours, two standard traditional glitter colours and Crystalina. The six Holographic Glitter Colours contain a dominate colour theme where the particle is intermixed with a yellow, blue and pink particle to create an sparkling, iridescent effect that appears to change shades.

#### 700PF Metallic Colours

These eight colours formulated from a crystal-clear base to give prints a stunning, shimmering and sparkling effect.

#### 700PF Glow In The Dark RFU

This ink produces a dramatic special effect where the print will glow yellow-green in darkness or low-light situations.







Excalibur

Promattex offers 2 types of glitter powder for screen printing. Fine flakes (51 microns) can be mixed with all types of inks (except solvents) to bring shiny coloureffect. The thick flakes (203 microns) are sprinkled and give a glitter touch. Used with silkscreen glue (excluding solvent), the flakes have an

excel-slow washing resistance.

#### Pearls

Round and of medium size (1.2 mm), transparent pearls stick with all types of silkscreen glue (except solvent). by directly dyeing the glue with suitable pigments give the pearls color. Adhesives are used as a classic silkscreen

ink and attach the beads to the textile before drying in the conveyor dryer.

#### **Quicksilver Textile Ink**

When screen printed, Quicksilver Textile Ink is very shiny and has characteristics of a silver foil.

#### **PF-97 Puff Additive**

SCREEN PRINTING

This additive transforms the flat ink into an ink capable of producing dramatic 3D effects.

#### **Suede Additive**

This additive transforms the flat ink into an ink capable of feeling and looking like suede leather.

#### Flock

low-In-The-Dark

special ink

Flock boards are used with silkscreen glues. Composed of fine synthetic fibres of viscose or polyester, laminated on a paper backing, the flock boards measure 39 x 54 cm with a thickness of 0.7 mm. They will give a suede and velvet appearance to the markings, identical to that of the Promaflock.

Hot Stamping Foil "Mylar"

Promattex offers 12 colors of Mylar. From a printing with a silkscreen glue (plastisol or water), the hot stamping foil gives a metal, hologram, multi-color rendering similar to that of the Promaflex Plus and simplifies the silkscreen printing on black t-shirts!

With a thickness of 22 microns, Mylar is packed in 30 cm x 120 M rolls.

## DIGITAL SCREEN PRINTING TRANSFER

Mylar

## SCREEN PRINTING TRANSFER / DIGITAL SCREEN PRINTING TRANSFER

The technique of silkscreen transfer, digital or not, consists of printing the motif in a mirror image on a special paper which will then be transferred to the textile. These techniques offer the advantage of being able to store the printed sheets for subsequent press installation. It is therefore possible to launch larger productions in order to lower costs and thus avoid losses of machine calibration time for small feeders especially in several colours.

By transferring the logo to the press, the process of marking on difficult to screen-print supports is simplified, such as products with lining, caps, small surfaces, etc.

A screen printed transfer (also known as a plastisol transfer) is an image which has been screen printed onto release paper.

this paper is then coated with hot melted powded while the ink is still wet. Once this operation is realized you can dry your paper on a conveyor dryer in order to use it when necessary. For dark garment it is highly advised to print a white background to preserve the brightness of the colors. Screen printed transfers can be single or multi-color, and heat apply in seconds to any number of items, such as T-shirts, sweatshirts, shorts, jackets, and caps. Digital screen printing transfer is often used for small series or visuals with lots of colors or sharp details.

Using a laser printer, the drawing is printed on the silicone paper, then screen-printed. A white opacifying background is applied which will then be covered with a hot-melt powder before drying it on a conveyor dryer.

#### Products for carrying out silkscreen transfers: Silicone transfer Paper T105 ( cold peeling)

H-1-A medium-grind hot -melt powder. Melts guickly and is an ideal choice where fast application is required especially used with both plastisol and

water-based transfers.

Suede Additive

H-10- A very fine grind hot-melt powder. This size grind is ideal for extremely fine detailed transfers where you cannot afford to have fine lines get lost or pulled off

C-57-Our best adhesive powder to promote the adhesion of plastisol transfers to garments. This multi-grind powder gives a very soft-hand feel and increases the stretch in the transferred print. Excellent choice for backing tagless transfers.

841PF Printable Adhesive provides excellent results and greatly increases adhesion to fabrics when printed last over the entire transfer design. It is ideal for backing puff transfers and eliminates the need for dry powders. 841PF will give transferred designs a softer hand and good elongation when garment under design is stretched.



Transfer powder

## Accessories



Squegee Predefined formats 12, 19, 25 et 28 cm



Aluminium Squegee holder To be cut at size- Lenght of: 1 n



1 straigh

Polyurethane squeegee double blade raight square edge side & 1 round bevel e side - 65 Shores - Size: 1 m und bevel edge 1 m



Laser infrared temperature gun

Digital scale used in screen Accuracy up to 0,1 g

Masking tape

ice to

chemicals

Squeegee cutter Cutting to veloped to make a nice, clean & effortless cut

Polyethylene ink spatula cleaning for dimensions uniform ink mixing Blade din 17 x 3 & 11 x 6 cm

m

Mixing Pot For mixtures between ink base between ink additive Capa 250 ml and 1 L

Textile screen printing pallet adhesive

aulicone spray reen ay silicone 400 ml Non-stick silic

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