Roland *sef* GRAPHTEC

Print & Cut Equipment and Garment Heat Transfer Film for the Professionals

Leaders in Garment Decoration Equipment

AMAYA
SALES UK
Leaders in Garment Decoration Equipment
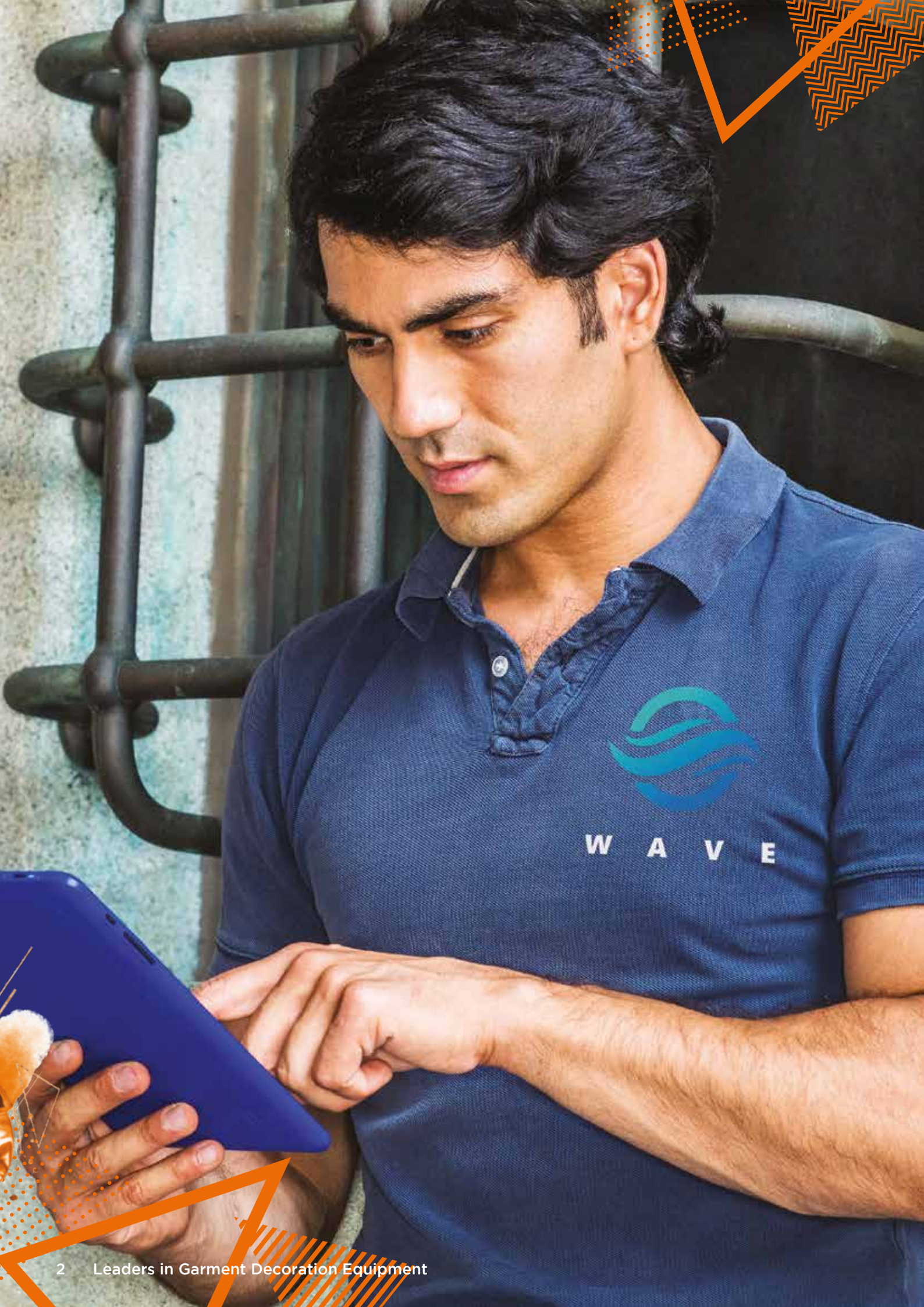
Amaya Sales UK offer leading equipment and consumables for the garment decoration industry. We always aim to provide you with the best leading products at the best value for money. We back this up with first class support and training from our team of experienced professionals.

Roland:

Amaya Sales UK offer the latest Roland TrueVis SG2 series of large format print and cut equipment in 30", 54" and 64" widths. They all provide outstanding colour and profitable productivity. They include the award winning TrueVis TR2 ink in 500cc pouches with CMYK configuration.

SEF:

SEF textile have been involved in manufacturing garment decoration products for 40 years. Their garment film is a water based product with no solvents involved, completely safe for the environment with many products carrying the Oeko-Tex accreditation.

All their film and flock is produced under one roof giving total control over quality and consistency. They produce a full range of products for virtually any requirement including excellent print and cut materials.

Graphtec:

The Graphtec vinyl cutter range has everything you need, whether you are a beginner to this industry or an expert looking for the best equipment in vinyl cutting hardware.

This machinery is built to last and very easy to use. They provide a great range of plotter/cutters suitable for use with our SEF film products.

They come in 40, 50 and 60cm width options.

Roland TrueVIS **SG2** Series

SG2-640
64" wide (1620mm)

SG2-540
54" wide (1370mm)

SG2-300
30" wide (762mm)

Designed to exceed expectation. True Excellence, Outstanding Colour, Highly Reliable Print and Cut.

Meet the TrueVIS SG2 series: a true partner for your business. Whether you are just starting out or are looking to take your business to the next level, SG2 printer/cutters deliver the trusted quality of the award-winning TrueVIS brand with a streamlined workflow and the super-fast, same-day turnaround speeds you need. TR2 inks produce stunning, vibrant colours across a huge range of applications - from signs, labels and heat transfers to car wraps and so much more.

Available in 3 sizes, the SG2 series combines impressive performance with incredible value and is certified by the industry's leading media manufacturers. Show your customers what you can do with TrueVIS SG2.

► Fast and easy setup

► Print, Cut, Print and Cut all in one device

► Exceptional versatility

► TrueVIS2 Ink Technology in 500CC pouches

► TrueRICH Colourmode
for Ultra Wide Colour Gamut

► Low running costs

► One year onsite warranty (options available)

► Roland Versaworks 6 RIP Software

► Suitable for Heat Transfers, Stickers, Banners and much more

Printer/Cutters

TrueVIS, the latest generation of Roland DG integrated print & cut technology, is the result of more than 35 years of leading innovation from the number-one print & cut brand in the world, trusted by thousands of daily users around the globe. Multi-award-winning TrueVIS technology is designed to meet the 'real world' needs of print professionals, delivering the widest versatility, highest reliability and truly outstanding quality – all with a same day job turnaround.

Outstanding Colour

New TrueVIS TR2 ink to enhance your business with 'True Rich Colour'

The True Rich Colour colour management preset takes full advantage of the SG2's superior colour reproduction capability and the wider colour gamut provided by new TR2 ink. Now vibrant colour can be combined with neutral greys, smooth gradiations and natural skin tones to create stunning graphics. This pioneering print quality is unequalled for durable prints.
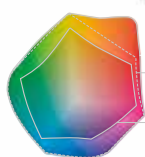
True Rich Color
VG2 series (8 Colour, Or)
SG2 series (4 Colour)

U.S. WebCoated (SWOP)

Brilliant New SG2 Features

✓ **True Rich Colour and SG2** inks offer a wider colour gamut and allow you to generate a whole new level of colour vibrancy in your prints.

✓ **Automatic Pinch Rollers** raise during cut operation to avoid contact with printed graphics and improve cut accuracy with adjustable pressure settings.

✓ **New Media Clamps** with integrated grooves don't need to be removed at any time - providing a more efficient operation.

✓ **New Cutting Features** in VersWorks 6 include Crop Mark by Row functions to improve accuracy on long print runs and PerCut Mode that allows you to print, cut and die-cut in few easy clicks.

✓ **Nozzle Mask Function** allows you to minimize printer downtime by turning off a specific nozzle band if a nozzle on the printhead is clogged and misfiring.

✓ **LED Print and Maintenance Lights** make machine procedures clear and comfortable with luminous, natural lights during print operation, and bright, powerful lights when working under your machine hood.

Highly Reliable Print & Cut Production

Automated Long-run Decal/Label Production

With some other print solutions, when producing stickers, decals and labels, due to media tolerance and the length of the print job, print and cut accuracy can decrease. With the advanced cutting functionality of the VG2/SG2 you are assured consistent, high-precision accuracy, however long the print job.

Lengthy Print & Cut Jobs with Crop Marks

The new multiple cropmark function, with variable options for cropmark registration, means you can choose cropmark frequency based on the length of your print job.

Continous Print & Cut Per Shorter Distances

The Custom Page function allows you to separate long production runs into manageable sections and use a Print & Cut automated workflow, even in conjunction with the supported TUC-4 take-up system, for maximum accuracy, minimum waste and faster overall turnaround.

Eliminate Trimming with Perforated Cut

Speeding up turnaround time, the improved cutting control technology of the VG2/SG2 introduces a precision perforated cut function for producing die-cut, ready-made decals and even custom-shaped labels – without the need to trim.
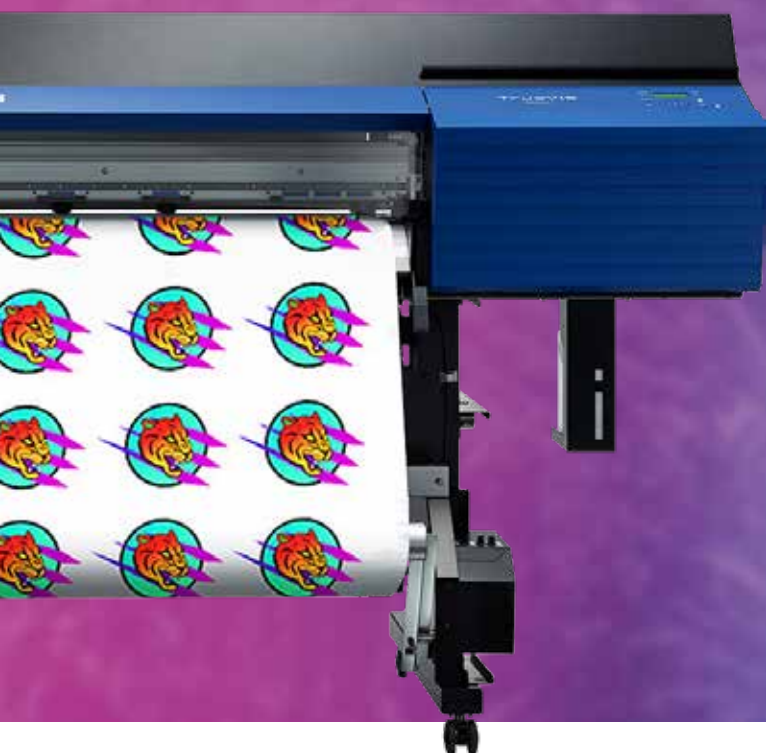
Reliability, Durability & Safety

The VG2/SG2 with TR2 ink is certified for long lasting results by 3M™ MCS™ Warranty, providing your customers with the assurance of the quality and reliability of their graphics. It is also certified by the Avery Dennison™ ICS™ Performance Guarantee which provides protection for up to 4 years outdoors and up to 7 years indoors[3]. Graphics produced with TR2 inks are GREENGUARD Gold certified to be safe when used, even in sensitive locations such as schools and hospitals.

3M Performance Guarantee

Avery Dennison™ ICS™ Warranty

GREENGUARD GOLD

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS: UL.COM/GG UL 2818

3M™ MCS™ Warranty

VersaWorks 6 to Power Your Business

The new VersaWorks 6 RIP software is designed to simplify operation while maximising the power of your VG2/SG2 and all other Roland DG devices. A Harlequin RIP dual-core engine with support for PDF 2.0 and native 64-bit processing provides accurate rendering of PDFs with shadows and transparencies.

▶ An icon-based interface with drag-and-drop functionality facilitates ease of use

▶ Five print queues and the ability to save and store unlimited queue settings

▶ Special Colour Plate Generation lets you auto-generate White ink layers from within the RIP

▶ Built-in Pantone® and Roland Colour spot colour libraries

▶ Easy printer colour matching for consistent colours.

Reproduce Special Effects Accurately

VersaWorks 6 supports processing of PDF files natively, rendering special effects, such as drop shadows and transparencies, the way they are intended to look in the design. Handle these files without hassle, for improved efficiency - from receiving the data to outputting consistent, high-quality results.

Intuitive User Interface. Smart RIP Software

A new, modern-looking user interface offers clean and simple tools with drag-and-drop functionality to quickly add jobs to the print queue directly from folders on your desktop. A more icon-based RIP environment improves user experience and provides easy navigation and functionality for all your print tasks and job management.

Five Print Queues and Hot Folders for Maximum Job Management and Efficiency

VersaWorks 6 helps busy print service providers plan and organise print production in advance with five print queues. Combined with five hot folders and unlimited queue settings, you can save and store options, capture specific print settings, and make production a fast, automated and continuous process. Ideal for recurring jobs and jobs involving multiple designers working in one location.

Generate a Special Colour Layer Directly in the RIP

Traditionally, when you wanted to specify a special colour layer like white, metallic, gloss/clear and primer, you needed to perform this task in your design software. With VersaWorks 6, you can set up a special colour layer directly in the RIP along with fine adjustments to the position and size of the layer. This means quick and simple set up, saving time and optimising your printing workflow.

Roland TrueVIS SG2 Series

TrueVIS SG2 series

FAST AND EASY SETUP

The Roland TrueVIS SG2 is simple to set up and intuitive to operate so it's ready to boost your business straight out of the box. Start making money with your SG2 from day one.

GET THE MOST OUT OF YOUR DAY

The TrueVIS SG2 offers many automated features to minimise the need for operator intervention, freeing up your time so you can get on with the next job.

INCREDIBLE VALUE

The TrueVIS SG2's attractive price/performance ratio delivers an excellent return on investment.

EXCEPTIONAL VERSATILITY TO HELP YOU GROW YOUR BUSINESS

The TrueVIS SG2's extensive media compatibility means you can expand your product offering to deliver what your customers need - and access exciting, new high-margin markets and profitable applications.

BACKED BY INDUSTRY-LEADING MEDIA MANUFACTURERS

The TrueVIS SG2 with TR2 ink is backed by the 3M™ MCS™ Warranty and the Avery Dennison™ ICS™ performance guarantee to give you and your customers another level of quality assurance and offering you the chance to promote your business as certified.

1. **2.** **3.** **4.** **5.**

9. **8.** **7.** **6.**
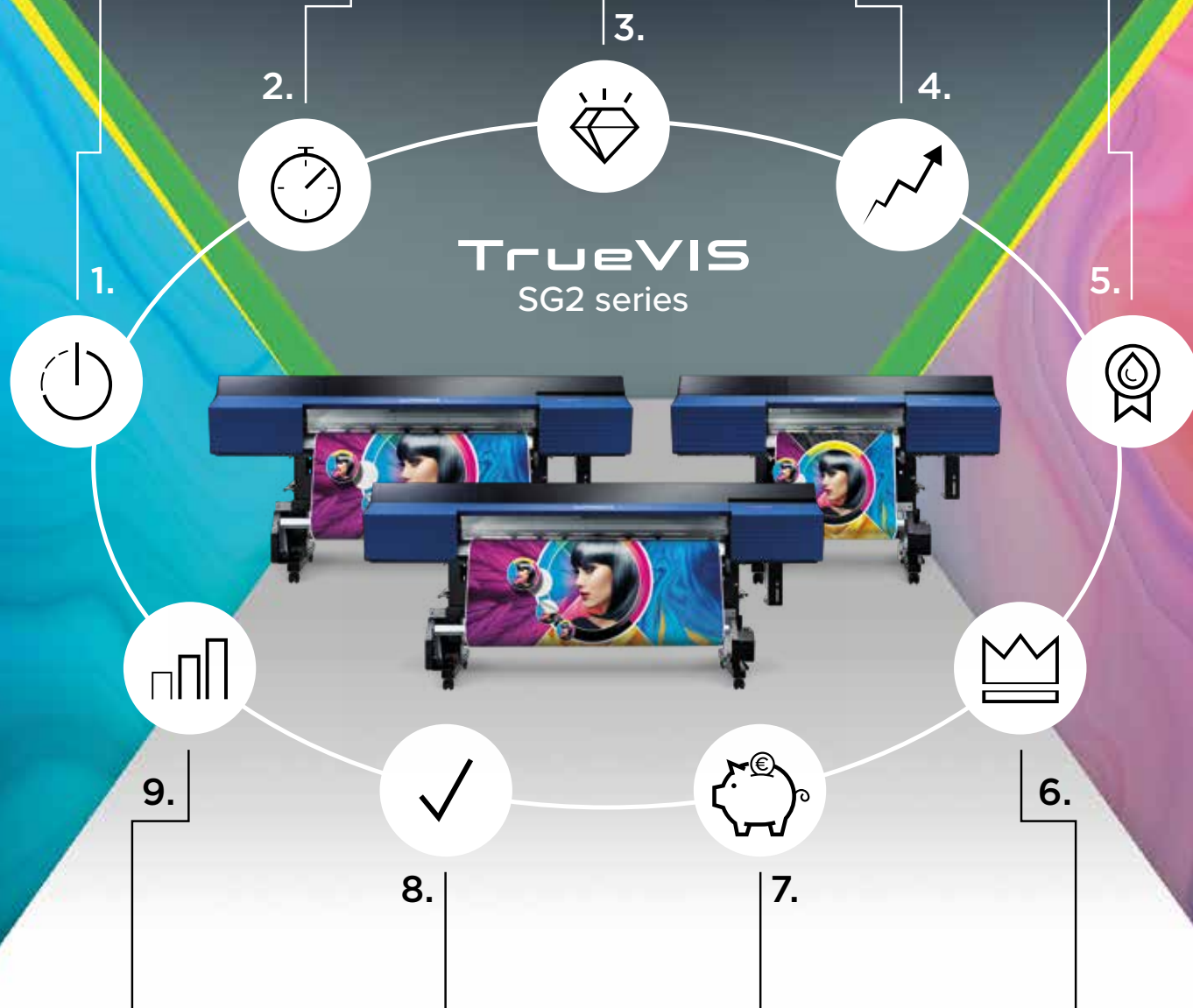
A SMART INVESTMENT

Like all Roland devices, the TrueVIS SG2 holds its resale value over time, making it a great investment now and in the future.

EFFICIENCY ON EVERY LEVEL

As a combined printer/cutter, the TrueVIS SG2 has a space-efficient footprint to fit into busy workspaces of all sizes, and is powered by standard electrical connections.

LOW RUNNING COSTS

The SG2 includes several new features to minimise running costs for increased profitability, including a new ink delivery system with automated maintenance sequences to reduce ink consumption by up to 54%.

RELIABILITY YOU CAN TRUST TO POWER YOUR BUSINESS

Innovative TrueVIS technology is backed by decades of Roland engineering excellence, with more than 129,000 print professionals worldwide choosing Roland printer/cutters[4]. You also get peace of mind from knowing your SG2 is backed by industry-leading professional support, ensuring your SG2 is ready for business whenever you are.

TrueVIS SG2 Series Technical Specification

Model		SG2-300	SG2-540	SG2-640
Printing Method		Piezo ink-jet method		
Media	Width	182 to 762 mm (7.2 to 30 in.)	275 to 1371 mm (10.8 to 54 in.)	315 to 1625 mm (12.4 to 64 in.)
	Thickness	Max. 1.0 mm (39 mil) with liner for printing. Max. 0.4 mm (16mil) with liner and 0.22 mm (9 mil) without liner, for cutting		
	Roll outer diameter	Max. 210 mm (8.3 in.)		
	Roll weight	Max. 25 kg (55 lb)	Max. 30 kg (66 lb)	Max. 40 kg (88 lb)
	Core diameter	76.2 mm (3in.) or 50.8 mm (2 in.)		
Printing / cutting width		Max. 736 mm (29 in.)	Max. 1346 mm (53 in.)	Max. 1600 mm (63 in.)
Ink	Type	TrueVIS INK TR2 500 cc pouch (white only 250 cc)		
	Colours	Four colours (Cyan, Magenta, Yellow and Black)		
Printing resolution (dots per inch)		Max. 1200 dpi		
Cutting speed		10 to 300 mm/s (0.4 to 11.8 in./s)		
Blade force		30 to 500 gf		
Blade	Type	Roland CAMM-1 series blade		
	Offset	0.000 to 1.500 mm (0.0 to 59.1 mil)		
Power-saving function		Automatic sleep feature		
Software resolution (when cutting)		0.025 mm/step (0.98 mil/step)		
Distance accuracy (when printing) [4] [5]		Error of less than ±0.3% of distance travelled or ±0.3 mm (±11.8 mil), whichever is greater		
Distance accuracy (when cutting) [4] [6]		Error of less than ±0.4% of distance travelled or ±0.3 mm ±11.8 mil), whichever is greater. When distance correction has been performed (when the setting for [CUTTING MENU] - [CALIBRATION] has been made): Error of less than ±0.2% of distance travelled or ±0.1 mm (±3.9 mil), whichever is greater.		
Repeatability (when cutting) [4] [6]		±0.1 mm (±3.9 mil) or less		
Alignment accuracy for printing and cutting [4] [7]		±0.5 mm (±19.7 mil) or less		
Alignment accuracy for printing and cutting when reloading media [4] [8]		Error of less than ±0.5% of distance travelled, or ±3 mm (±0.2 in.), whichever is greater		
Media heating system [9]		Print heater set temperature: 30 to 45°C (86 to 112°F) Dryer set temperature: 30 to 50°C (86 to 122°F)		
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)		
Power-saving function		Automatic sleep feature		
Power requirements		AC 100 to 120 V ±10%, 5.4 A, 50/60 Hz or AC 220 to 240 V ±10%, 2.7 A, 50/60 Hz	AC 100 to 120 V ±10%, 8.0 A, 50/60 Hz or AC 220 to 240 V ±10%, 4.1 A, 50/60 Hz	
Power consumption	During operation	Approx. 710 W	Approx. 1090 W	
	Sleep mode	Approx. 40 W		
Acoustic noise level	During operation	63 dB (A) or less		
	During standby	53 dB (A) or less		
Dimensions (with stand)		2070 (W) × 730 (D) × 1310 (H) mm (81.5 × 28.8 × 51.6 in.)	2685 (W) × 730 (D) × 1310 (H) mm (105.8 × 28.8 × 51.6 in.)	2945 (W) × 730 (D) × 1310 (H) mm (116 × 28.8 × 51.6 in.)
Weight (with stand)		147 kg (324 lb.)	180 kg (397 lb.)	197 kg (434 lb.)
Environment	Power on	Temperature: 20 to 32°C (68 to 90°F), humidity: 35 to 80%RH (no condensation)		
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (no condensation)		
Included items		VersaWorks 6 RIP Software, exclusive stands, power cable, media clamps, media holders, replacement blade for separating knife, manuals etc.		

Specifications, designs and dimensions listed may be subject to change without notice. [1] The media holders of this machine are designed to be used exclusively with media that has a paper tube (core) with an inner diameter of 76.2 mm (3 in.). To use 50.8 mm (2 in.) media, the optional media flanges are required. [2] The length of printing or cutting is subject to the limitations of the program. [3] 500 gf is the maximum instantaneous blade force.The blade force must be adjusted according to details such as the media thickness. [4] Media type: Media specified by Roland DG Corporation. Temperature: 25°C (77°F), humidity: 50%RH. Roll media must be loaded correctly. Applicable when all pinch rollers that can be used with the media width are used. Side margins: 25 mm (1.0 in.) or more for both the left and right margins. Excluding expansion/contraction of the media. Not assured when the print heater or dryer is used. Assumes all correction and adjustment functions of the machine have been used properly. [5] Print travel: 1 m (39.4 in.) [6] [PREFEED] menu item must be set to "ENABLE." Range for assured repetition accuracy. For media with a width exceeding 610 mm (24 in.): Length: 4000 mm (157.5 in.). For media with a width of 610 mm (24.0 in.) or less: Length: 8000 mm (315 in.) [7] Provided that the media feed length is 3000 mm (118.1 in.) or less. Excludes the effects of slanted movement and of expansion and contraction of the media. [8] Data size: 1625 mm model: 1000 mm (39.4 in.) in the media-feed direction, 1600 mm (63 in.) in the carriage-movement direction. 1371 mm model: 1000 mm (39.4 in.) in the media-feed direction, 1346 mm (53.0 in.) in the carriage-movement direction. No lamination. Automatic detection of crop marks at 4 points when media is reloaded. During cutting, [PREFEED] menu item must be set to "ENABLE." Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media. [9] Warm-up is required after power up. This may require 5 to 20 minutes, depending on the operating environment.Depending on the ambient temperature and media width, the preset temperature may fail to be reached.

VersaWorks 6 System Requirements

Operating system	Windows® 10 (32/64-bit), Windows® 8.1 (32/64-bit), Windows® 7 Professional / Ultimate (32/64-bit)
CPU	Intel® Core™2 Duo, 2.0 GHz or faster recommended
RAM	2 GB or more recommended
Video card and monitor	A resolution of 1280 x 1024 or more recommended
Free disk space (HDD/SSD)	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive
Other	Internet connection recommended

Options

	Model	Description
TrueVIS INK	TR2-CY	Cyan, 500 cc
	TR2-MG	Magenta, 500 cc
	TR2-YE	Yellow, 500 cc
	TR2-BK	Black, 500 cc
	TR2-WH	White, 250 cc
	TR2-LC	Light Cyan, 500 cc
	TR2-LM	Light Magenta, 500 cc
	TR2-LK	Light Black, 500 cc
	TR2-OR	Orange, 500 cc
Cleaning liquid	TR2-CL	Cleaning liquid, 500 cc
Blades	ZEC-U5032	For standard sign vinyl, 2pcs.
	ZEC-U5025	For standard sign vinyl, reflective and fluorescent / thick media, 5pcs.
Blade holders	XD-CH2	Adjustable blade holder - aluminium
	XD-CH3	Adjustable blade holder - resin

(VG2 Only — TR2-LC, TR2-LM, TR2-LK, TR2-OR)

Options

Automated Take-Up System

TU4-64 [For VG2-640, SG2-640]
TU4-54 [For VG2-540, SG2-540]
TU4-30 [For SG2-300]

Rolls up to 40 kg (88.2 lb.)

Heater and Blower

DU2-64 [for VG2-640]
Power requirements
AC 100 to 120 V ±10%, 5.5 A, 50/60 Hz
AC 220 to 240 V ±10%, 3 A, 50/60 Hz

DU2-54 [VG2-540]
Power requirements
AC 100 to 120 V ±10%, 5 A, 50/60 Hz
AC 220 to 240 V ±10%, 2.6 A, 50/60 Hz

About White Ink Due to the nature of white ink, the pigment in this ink can settle in the cartridge and ink flow system, requiring you to shake the cartridge before each use. Outdoor durability is three years for CMYKLcLmLkOr inks, depending on the media used.

VG2-640
64″ wide (1620mm)

VG2-540
54″ wide (1370mm)

Exceptional performance for same day turnaround. Outstanding colour. Exceeds expectations.

TrueVIS VG2 delivers power and performance to satisfy the needs of the most demanding print professionals. With the option of Orange and now Green ink, the VG2 offers superior colour reproduction and head-turning high-impact graphics plus unsurpassed cutting accuracy. Beat the competition and exceed your customers' expectations with VG2. The latest generation of Roland DG integrated print & cut technology, is the result of more than 35 years of leading innovation from the number-one print & cut brand in the world, trusted by thousands of daily users around the globe. Multi-award-winning TrueVIS technology is designed to meet the 'real world' needs of print professionals, delivering the widest versatility, highest reliability and truly outstanding quality – all with a same day job turnaround.

Available in 2 sizes, the VG2 series combines impressive performance with incredible value and is certified by the industry's leading media manufacturers. Show your customers what you can do with TrueVIS VG2.

► **Fast and easy setup**

► **Print, Cut, Print and Cut all in one device**

► **Exceptional versatility**

► **TrueVIS2 Ink Technology in 500CC pouches**

► **TrueRICH Colourmode for Ultra Wide Colour Gamut**

► **Low running costs**

► **One year onsite warranty (options available)**

► **Roland Versaworks 6 RIP Software**

► **Suitable for Heat Transfers, Stickers, Banners, large scale graphics and so much more.**

Automated Long Run Decals/Label Production

TrueVIS, the latest generation of Roland DG integrated print & cut technology, is the result of more than 35 years of leading innovation from the number-one print & cut brand in the world, trusted by thousands of daily users around the globe. Multi-award-winning TrueVIS technology is designed to meet the 'real world' needs of print professionals, delivering the widest versatility, highest reliability and truly outstanding quality – all with a same day job turnaround.

Reliability, Durability & Safety

The VG2 series with TR2 ink is certified for long-lasting results by 3M™ MCS™ Warranty, providing your customers with the assuance of quality and reliability of their graphics. It is also certified by the Avery ICS Performance Guarantee which provides for up to 4 years outdoors and up to 7 years indoor. Graphics produced with TR2 inks are Greenguard Gold certified to be safe when used indoors at schools or hospitals.

3M™ MCS™ Warranty

GREENGUARD
PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

Avery Dennison™
ICS™ Warranty

Brilliant New VG2 Features

✓ **True Rich Colour and VG2** inks offer a wider colour gamut and allow you to generate a whole new level of colour vibrancy in your prints.

✓ **Automatic Pinch Rollers** raise during cut operation to avoid contact with printed graphics and improve cut accuracy with adjustable pressure settings.

✓ **New Media Clamps** with integrated grooves don't need to be removed at any time - providing a more efficient operation.

✓ **New Cutting Features** in VersWorks 6 include Crop Mark by Row functions to improve accuracy on long print runs and PerCut Mode that allows you to print, cut and die-cut in few easy clicks.

✓ **Nozzle Mask Function** allows you to minimize printer downtime by turning off a specific nozzle band if a nozzle on the printhead is clogged and misfiring.

✓ **LED Print and Maintenance Lights** make machine procedures clear and comfortable with luminous, natural lights during print operation, and bright, powerful lights when working under your machine hood.

Print & Cut Materials

Suitable for use with eco-solvent, solvent and UV ink.
Prints onto cotton, polyester & poly/cotton blends and more.

Perfect for full colour logos using print & cut device

Tatoo

One of the easiest printable films to use and has a slight sheen to the finished transfer. It's opaque, so suitable on all colour fabrics, with great washability.

Cotton, polyester & cotton / poly. Not suitable for coated fabrics.

| 165°C | 7 sec | Cold Peel | 60° | Or | 165°C | 15 sec | Cold Peel | 40° |

Medium Pressure
7 Sec with tape
+ 15 Sec repressing without tape

Medium Pressure
15 Sec with tape

Tatoo Nylon

Simple to use thin product with a matte finish. Due to the thinness it will need application tape to transfer the image to the garment.

Not suitable for use with TrueVis inks.

Best suited for Nylon and coated products but also cotton, polyester, poly/cotton.

| 115°C | 17 sec | Warm Peel | 40° |

Medium / High Pressure
To be used with application tape

Tatoo SBB Optima

Similar to the Tatoo Plus product with a matte finish but with an additional blockout layer to prevent any dye migration from the garment. Perfect for Technical and sports fabrics.

Best Suited for coloured Polyester fabrics.

| 135°C | 10 sec | Cold Peel | 60° |

Medium / High Pressure
To be used with application tape

Clearflex

A transparent film for full colour logos on white & light shirts. Print the image in mirror, so the ink lies between the garment and film, giving great wash fastness.

Cotton, polyester and poly/cotton (white and pale fabrics only)

| 160°C | 15 sec | Cold Peel | 60° |

Medium / High Pressure

Print & Cut Materials

**Suitable for use with eco-solvent, solvent and UV ink.
Prints onto cotton, polyester & poly/cotton blends and more.**

Perfect for full colour logos using print & cut device

Mozaic

Very easy to weed product so makes it great for all round use. Transfer gives a matte and soft finish. The choice of two heat press instructions means that you can also print this easily on to most fabrics without any issue. 5 second press option is also good for quicker production.

Cotton, polyester, poly/cotton

(130°C) (10 sec) (Warm Peel) (60°) **Or** (150°C) (5 sec) (Warm Peel) (40°)

Medium Pressure
7 Sec with tape
+ 15 Sec repressing without tape

Medium Pressure
15 Sec with tape

Grafitti Custom

A new product to the range after the huge success of the Moziac media. This product prints with a matte and soft finish but is much thinner in feel once pressed to the garment, whilst keeping both vibrant and vivid colours. This product also has more stretchability than the Moziac media.

Cotton, polyester and poly/cotton

(125°C) (10 sec) (Warm Peel) (60°) **Or** (150°C) (10 sec) (Warm Peel) (60°)

Medium Pressure
For polyester
To be used with application tape

Medium Pressure
For cotton
To be used with application tape

Prices, £ per m. 50cm & 75cm wide

Print & Cut (50cm/75cm)	1-4m	5-24m	25m+
Tatoo	5.75/6.75	5.20/6.20	4.75/5.75
Tatoo SBB	8.00/12.00	7.75/11.65	7.40/11.10
Tatoo Nylon	7.50/11.25	7.40/11.10	7.25/10.90
Mozaic	5.75/8.65	5.20/7.85	4.75/7.15
Clearflex	4.10/6.15	3.90/5.85	3.70/5.55
Grafitti Custom	6.00/9.00	5.75/8.55	5.45/8.25
Application tape 50cm x 25 metres - £37.50 per roll			
Application tape 75cm x 25 metres - £56.25 per roll			

Heat Press Instructions - Quick Reference Guide			
Transfer	**Temp**	**Time**	**Peel**
Tatoo	165	7 Secs	Cold
Tatoo	165	15 Secs	Cold
Tatoo SBB Optima	135	10 Secs	Warm
Tatoo Nylon	115	15 Secs	Warm
Clearflex	160	15 Secs	Cold
Mozaic	130	10 Secs	Warm
Mozaic	150	5 Secs	Warm
Grafitti (poly)	125	10 Secs	Warm
Grafitti (cotton)	150	10 Secs	Warm

Graphtec Vinyl Cutters

GRAPHTEC

High quality, excellent reliability, easy to operate.

The Graphtec Vinyl Cutter range has everything you need, whether you are a beginner or an expert looking for the best machine in the market. Robust machines that are build to last and are very easy to use.

All include Graphtec Studio Design Software and Cutting Master 3. Prefer to use your own design software? Then all of the below come with Plug-In software for Corel Draw and Adobe Illustrator.

CE7000-60

The Vinyl Film Cutter by Graphtec is perfect for cutting your vinyl to the ideal sizes & includes various cutting styles, including perforated and auto panelling.

► Improved Initial Down Force

► Enhanced ARMS to 5.0, improving productivity of Print & Cut

► NEW perforation cut function

► NEW auto panelling function

► Menu in 10 languages

► 2 operation modes (Normal and Advanced)

► New large graphic type LCD display

► Supplied with enhanced software as standard

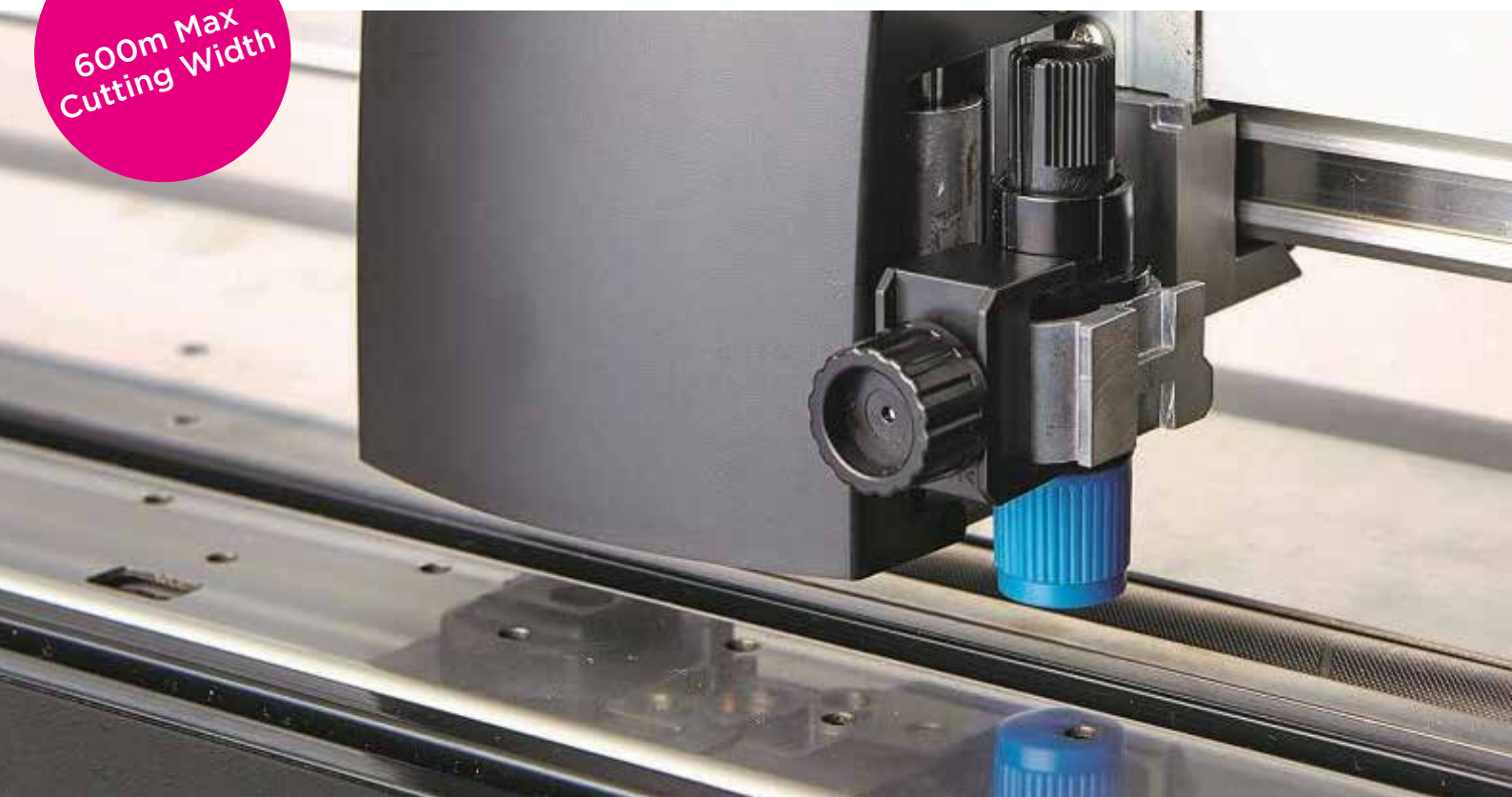| Technical Specification	
Max Cutting area	603mm x 50m
Max Speed	900mm/s
Max Force	4.9N (500gf)
External Dimensions (WxDxH)	900 x 593 x 1046mm
Weight (approx)	21kg (inc stand 8kg)

600m Max Cutting Width

CE7000-40

The Vinyl Film Cutter by Graphtec is perfect for cutting your vinyl to the ideal sizes & includes various cutting styles, including perforated and auto panelling.

► Improved Initial Down Force

► Enhanced ARMS to 5.0, improving productivity of Print &Cut

► NEW perforation cut function

► NEW auto panelling function

► 2 operation modes (Normal and Advanced)

► New large graphic type LCD display

► Menu in 10 languages

► Supplied with enhanced software as standard

Technical Specification	
Max Cutting area	375mm x 50m
Max Speed	600mm/s
Max Force	3.2N (330gf)
External Dimensions (WxDxH)	672 x 338 x 266mm
Weight (approx)	10.5kg

Silhouette Cameo® 4

The Cameo 4 is a desktop cutting machine for the modern maker. With a built-in roll feeder and crosscutter, the Cameo is the ultimate vinyl cutter, allowing you to cut directly from a roll. It also has increased speed and power over previous Silhouette machines, a 3 mm clearance to cut thicker materials, and Automatic Tool Detection. Cut vinyl, cardstock, fabric, and more to create custom projects for home, school, or business.

► Touch Screen Control makes for easy navigation and step-by-step tutorials

► Dual Carriage allowing you to multi-task by keeping a blade and pen in the holder

► Increased Cut Clearance of up to 3mm thick (dependent on media used)

► Auto Feed for accurate loading for printer registration mark recognition

► Optical Eye for reading printer registration marks allowing to print and cut

► Silhouette Studio Software simple to install and use. Draw, type text, create shapes and import graphics

Technical Specification	
Max Cutting area	305mm x 610mm (12" x 24") with Carrier Sheet
Max Speed	300mm/s
Max Force	210gf
External Dimensions (WxDxH)	63cm x 27cm x 22.5cm
Weight (approx)	5KG

Available Colours

Black   Pink   White

Heat Transfer Films

Sef Textile have been involved in manufacturing garment decoration products for over 40 years. Their unique factory base in Laval France makes them the only integrated manufacturer of flock and flex films. From R&D, manufacturing QC & shipping, everything is done under one roof using local based suppliers, to keep the supply chain short & efficient. This coupled with their ethos to produce only eco-friendly products made them a perfect partner for Amaya to work with. All the films shown in this brochure are manufactured using water based formulations, with no solvents, completely safe for the environment, and many carry the Oeko-Tex accreditation – important information for your end customer.

Maxxflex

Prints onto cotton, polyester & poly/cotton blends

Maxxflex is a high quality, multi-layered polyurathane film, PVC free and produced without solvents. It has a sticky Polyester liner, good covering power, high elasticity and excellent weeding characteristics.

SBB Also available is a Subliblock version in white and lemon for dye sublimated polyester fabrics like sports shirts. The multi-layer composition of the material creates a barrier to stop any colour bleed from the garment.

► Thin & soft handle
► Fine cutting & fast weeding
► Highly stretchable
► PVC free textile vinyl

165°C   17 sec   Hot Peel   60°

Prices, £ per m. 50cm wide

Maxxflex Sticky	1-4m	5-24m	25m+
Standard Colours	4.60	4.50	4.35
Neon & Metallics	5.20	5.10	4.95
Glow in the Dark	8.50	8.25	7.95
Night Club	6.50	6.25	6.00
Subliblock II	7.25	7.05	6.95
Reflexcut	9.95	9.85	9.50

Subliblock II

Designed for sublimated polyester fabrics with an exclusive layer that stops migration from the garment through the film. Available in white & yellow.

130°C   10 sec   Cold Peel   60°

Reflexcut

A high visibility film perfect for safety wear. The product is thin & stretchy and meets the EN471 Class 2 standard.

Flexcut Glow in the dark

A white flex film that will glow in the dark after exposure to daylight or artificial light.

Flexcut Night Club

A white flex film that glows under black light.

Available Colours

| ReflexCut | Passion Red | Burgundy | Fuchsia | Baby Pink | Red | Electric Red | Fire Red | Orange | Sunny Yellow | Lemon Yellow | White | NightClub | GITD | Military Green | Light Green | Green |

| Vibrant Green | Apple Green | Lavander | Plum | Purple | Navy Blue | Royal Blue | Reflex Blue | Pacific Blue | Atoll Blue | Sky Blue | Turquoise | Gold Metallic | Silver Metallic | Neon Green | Neon Pink | Neon Orange |

| Neon Yellow | Black | Dark Grey | Grey | Cool Grey | Chocolate | Beige |

Rocket Cut

Suitable for cotton polyester, polycotton blends and technical fabrics.

Rocket Cut is similar to maxxflex, with an added advantage of application in 3 seconds and low temperature.

- ► Fast weeding
- ► 3 seconds transfer time
- ► Hot peel
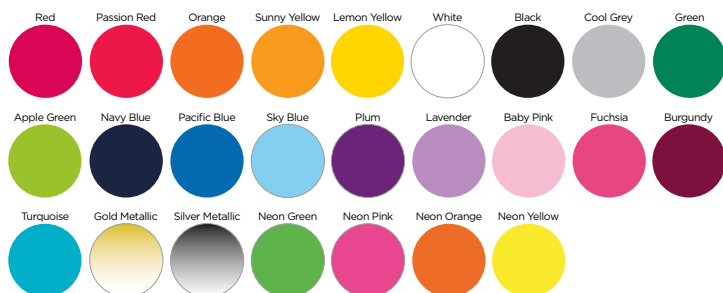- ► Available in X colours
- ► Very fine cutting

| 150°C | 3 sec | Hot Peel | 60° | **Or** | 125°C | 10 sec | Hot Peel | 60° |

For Production Runs   **Delicate Fabrics**

Prices, £ per m. 50cm wide

Rocket Cut	1-4m	5-24m	25m+
Standard Colours	4.95	4.85	4.65
Neon & Metallics	5.50	5.35	5.10

Available Colours

Red	Passion Red	Orange	Sunny Yellow	Lemon Yellow	White	Black	Cool Grey	Green

Apple Green	Navy Blue	Pacific Blue	Sky Blue	Plum	Lavender	Baby Pink	Fuchsia	Burgundy

Turquoise	Gold Metallic	Silver Metallic	Neon Green	Neon Pink	Neon Orange	Neon Yellow

3 second application! Perfect for production runs, fast turnaround & delicate fabrics

Maxxflex Nylon

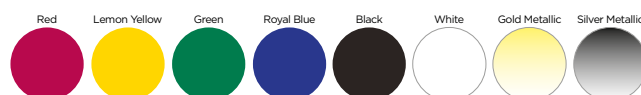### Prints onto nylon & waterproof coated materials.

Maxxflex Nylon contains a specially designed low temperature hot melt adhesive, making it the perfect solution for waterproof and nylon adhesion problems. Ideal for jackets, bags, umbrellas & similar products.

| 115°C | 15 sec | Cold Peel | 40° |

Perfect for waterproof & coated products

Prices, £ per m. 50cm wide

Nylon	1-4m	5-24m	25m+
Standard & Metallics	5.95	5.85	5.65

Available Colours

Red	Lemon Yellow	Green	Royal Blue	Black	White	Gold Metallic	Silver Metallic

Ask about the water spot test!

Atomic Vinyl

Great metallic finish effect with the ability to weed extremely well on small detail.

The product has good covering power and is stretchable so lends itself well to cotton, polyester & other stretchable fabrics.
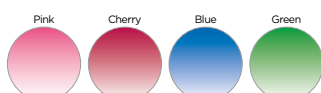
165°C | 17 sec | Hot Peel | 60°

Medium/High Pressure

Prices, £ per m. 50cm wide

Atomic Vinyl	1-4m	5-24m	25m+
All Colours	6.00	5.75	5.50

Available Colours

Pink | Cherry | Blue | Green

New to the range, easy to weed special effect

Fantasy Vinyl

Bright colours and patterns transforming your graphics into something a bit different!

165°C | 17 sec | Cold Peel | 40°

Medium/High Pressure

Prices, £ per m. 50cm wide

Fantasy Vinyl	1-4m	5-24m	25m+
All Colours	7.00	6.75	6.50

Available Colours

Camo | Barcellona | Zebra | Flowers

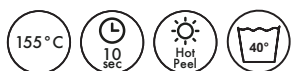
Glitterflex

Let your artwork sparkle with our new line of Glitterflex heat transfer vinyl.

► Easy to cut and weed
► 10 second transfer time
► Hot peel
► 7 colours to choose from

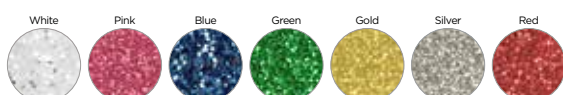155°C | 10 sec | Hot Peel | 40°

Medium/High Pressure

Prices, £ per m. 50cm wide

Glitterflex	1-4m	5-24m	25m+
Glitter Colours	9.00	8.75	8.25

Available Colours

White | Pink | Blue | Green | Gold | Silver | Red

Metalflex

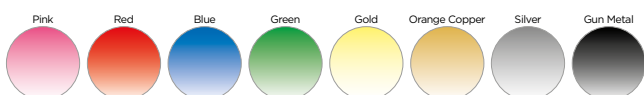### Prints onto cotton, polyester & poly/cotton blends.

Create a premium effect with MetalFlex. MetalFlex is 100% PU Film which makes it light, very stretchable and with a beautiful metallic effect. Medium tack backing for small and large detail. Excellent washability at 40 degrees.

165°C | 15 sec | Cold Peel | 40°

Create an eye catching metallic finish

Prices, £ per m. 50cm wide

Metalflex	1-4m	5-24m	25m+
All Colours	5.95	5.75	5.65

Available Colours

Pink | Red | Blue | Green | Gold | Orange Copper | Silver | Gun Metal

Velcut Flock

Prints onto cotton, polyester & poly/cotton blends.

Velcut is a high quality heat sealable flock film for plotter cutting. Easy to weed and cut.

165°C | 15 sec | Warm Peel | 60°

Add value to your garment with a premium embossed finish!
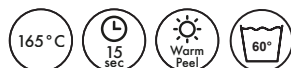
Prices, £ per m. 50cm wide

Velcut	1-4m	5-24m	25m+
Standard	7.95	7.50	7.25
Neon	10.25	10.00	9.75

Available Colours

Red | Electric Red | Orange | Sunny Yellow | Lemon Yellow | White | Navy Blue | Royal Blue

Pacific Blue | Sky Blue | Turquoise | Magenta | Light Grey | Bordeaux | Chocolate | Brown

Beige | Lime Green | Green | Neon Pink | Neon Yellow | Neon Green | Neon Orange | Black

Anthracite | Cool Grey
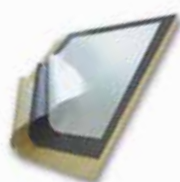
Accessories

Weeding Tool £12.00

Heat Resistant Tape £5.25
10mm x 60m

Teflon Sheet £14.00
49 x 46cm

Protection Paper £49.95

Non Stick Pillows - Full Set £75

Create a flat surface for heat application. Non stick covered pillows with a heat-resistant foam core, helps give you a flat surface to heat apply transfers over buttons, seams, zips etc.

Available in four sizes

► 20x16cm **£20**
► 25x25cm **£20**
► 46x13cm **£20**
► 51x41cm **£30**

Heat Presses

Excellent range of high quality heat presses from two leaders in the industry.

Amaya offer a great range of high quality heat presses that suit all types of business. The Stahls heat presses are priced from the economical clam press up to the highly technical Fusion presses. Depending what sort of business you are in, we have the press to optimise your production. The Schulze heat press range goes from the basic clam right up to large presses for sublimation work up to 210 x 112 cm in size. Both manufacturers provide strong and robust presses cable of withstanding continuous use through out the day.

Contact us to see our full range of heat presses

STAHLS'

Max Clam
► Touch screen technology
► Energy saving mode
► Sizes: 28x38cm, 38x38cm, 40x50cm

Hotronix Auto Open Clam
► Magnetic auto open and lock down function
► Digital time, temperature and pressure controls
► Wide opening for easy layout

Sizes: 15x15, 28x38, 40x40, 40x50cm

Hotronix Fusion IQ
► Touch Screen Technology
► Dual function - swing or draw motion
► Energy saving mode
► Unlimited presets

Sizes: 40x50 cm

Hotronix Air Fusion
► Touch Screen Technology
► Swing motion
► Energy saving mode
► Unlimited presets

Air compressor will be required

Sizes: 53x79 cm

SCHULZE

Blue Press Line Manual MINI/1/2/3
► 3 memory slots to create your own profiles
► Changeable base & heat plates

Sizes: 10 x 13 cm, 28 x 38 cm, 38 x 38 cm, 40 x 50 cm

Blue Line Swing
► Swing head gives ease of access to your garment
► 3 different sized platens available

Sizes: 40 x 50 cm

Blue Press Line Auto Mini S/1S/2S/3S/DTG 4S
► Pneumatic press for more accurate production
► 3 memory slots to create your own profiles
► Changeable base & heat plates

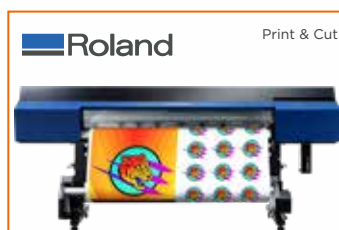Sizes: 10 x 13 cm, 28 x 38 cm, 38 x 38 cm, 40 x 50 cm, 40 x 60 cm

Pneumatic Blue Press
► Pneumatic press for more accurate production
► 3 memory slots to create your own profiles
► Changeable base & heat plates

Sizes: 38 x 45 cm and 40 x 50 cm

We also supply the following equipment:

melco — Modular Embroidery Machines	**Kornit Digital** — Industrial DTG Printers & inks
polyprint — DTG Printers & Inks	**Roland** — Print & Cut
Roland — UV Printers	**FOREVER** DIGITAL TRANSFER APPLICATIONS TECHNOLOGY / **OKI** — Transfer Papers & White Toner Printers
GRAPHTEC — Cutting Machines	**STAHLS' SCHULZE** — Heat Presses

Arrange a FREE demonstration at one of our offices

Midlands Office
Unit 4A-C East Bridgford Business Park, Kneeton Road,
East Bridgford, Nottingham
NG13 8PJ

Southern Office
Unit 400-450 Nest Business Park
Martin Road,
Havant, Hampshire
PO9 5TL

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