The Summa DC-Series delivers customer ready prints with no need to laminate*. One single machine will deliver durable full colour and accurate contour cut graphics. Images are printed and cut automatically, you simply have to weed and apply.

The built-in-ribbon-changer holds SmartRibbon™ cassettes. Each cassette can accommodate any ribbon colour, and the printer intelligently identifies the ribbon colour, location and usage. The ribbons consist of durable resin, which is both water- and UV resistant.

Summa's FlexCut feature makes it possible to cut squares out of the media. Alternating, one length is cut completely through vinyl and backing, and one length is cut half through the backing. This way a kind of tear-off line is created which makes sure the media keeps a certain rigidity to be transported through the machine while it is easy to take out the image afterwards.

Thermal Transfer Printing

Versatility
In addition to contour-cut labels or vivid vehicle stickers, a Summa DC-Series system with Summa's ColorControl RIP tiles large format prints for giant-sized signs, banners and vehicle wraps in easy-to-handle panels. Plus their auto-changing resin ribbon changer can combine process, spot colour and metallic foil printing for high-profit effect graphics that only thermal transfer printing will provide. The DC-Series very sharp dots (up to 600 dpi) make it possible to print characters smaller than one millimeter !

Outdoor durability
Prints are ready to go as they are instant dry and do not require lamination*. Resin ribbon printing with process and spotcolours may last outdoor for up to 5 years.

Eco-friendly, odour and maintenance free!
Thermal transfer is currently the most environmental friendly printing method on the market. There is no wash up of clogged printheads, no chemical waste, no noxious solvent fumes or health risks to worry about.

Wide range of spotcolours
In addition to the 4 process colours, the DC-Series offer a wide range of spot colours (18), plus white and glossy metallic gold and silver.
The use of spot colours has multiple advantages. One spot colour can replace two process colours and as such not only reduces the ribbon cost but significantly increases productivity as well. The use of spot colours also avoids rasterizing and gives nice plain colours. By using white ribbon as a 'primer'layer, printing on coloured vinyl is easy and affordable.

*Summa recommends to laminate images which will be exposed to extreme climates, excessive wear or harsh chemicals.

DC SERIES

	DC4sx	DC4
Max. Print/Cut Width	67 cm	127,5 cm
Media Width	61 or 76 cm	61, 76 or 137 cm
Dimensions Equipment	169 x 63 x 130 cm	230 x 63 x 130 cm
Boxed	195 x 87 x 160 cm	256 x 87 x 160 cm
Weight : Netto/Boxed	± 195 / ± 290 kg	250 / 380 kg

PRINT SPECIFICATIONS

Printhead	Thermal Transfer
Ink Types	Resin Ribbons, in process or spot colours (outdoor use) ; Metallic colours : gold or silver (indoor use)
Print Resolution	Max 609 x 304 dpi
Print Speed	Spot Colors : ± 8,7 m²/h; Process : ± 3,2 m²/h (in standard mode)

CUT SPECIFICATIONS

Cutting head	Drag knife : 36° Summa D Series
Cut Speed	max 600 mm/sec
Cut Force	0-400 grams in increments of 5 grams

SOFTWARE SPECIFICATIONS

RIP & Cut Software	Summa ColorControl™ (optional for DC4sx) File support : EPS, PDF, PS files from Mac or Windows Platform : Windows
Utilities	Plug-ins & colour palette for CorelDraw and Illustrator ; Summa Printer Control ; ICC profiles ; Winplot cutting utility

TECHNICAL SPECIFICATIONS

Media Tracking	OptiTrac™ laser-guided tracking and media advance
Media Loading	Auto Load and built-in alignment
Memory	RAM : 64 MB ; Mass Storage : 2 GB hard disk drive (optional on DC4sx)
Connectivity	USB 1.1 and Centronics Parallel on DC4 USB 1.1 on DC4sx
Electrical	Connection : standard wall outlet; Requirement : 100-120/220-240V 50/60 Hz 350 W
Environment	Temperature : 15 to 27 C Humidity : 35 to 75 percent, non-condensing

	DC4sx	DC4
RIP Software	optional	Summa ColorControl™
Take-Up Rollers	optional	included
Media Baskets	optional	1 front + 1 rear basket
Hard disk drive	optional	included
Optiprint media cleaner	included	Included
Powercord & USB Cable	included	included
Ribbon Cassettes	5 empty cassettes	8 empty cassettes
1 set ribbons (350 m)	Cyan, Magenta, Yellow	Cyan, Magenta, Yellow, Black
3M premium vinyl	—	1 roll (1,37 m x 45,6 m)
Media Core Holders	1 set	2 sets
Knives	36° drag (2) + 1 holder	36° drag (2) + 1 holder

Exceptional Ease-of-Use

Every aspect of the Summa DC-Series has been designed for simplified operation. Media loading is child's play, thanks to auto media alignment. Ribbons are a snap to refill, and can't be loaded improperly.

Summa ColorControl™* offers intelligent contour cutting, spot color printing and an array of powerfull RIP printing tools. The DC-Series printing technology eases your prints on demand. Just switch on the machine and get started.

As thermal transfer output dries instantaneously, it is easy to print different colours on top of each other. The DC-Series ColorMask feature applies this technique to print on coloured media. And through a derived technique, Vision Print, the DC-Series window graphic feature, produces vivid one way see-through-graphics on regular clear vinyl.

Thermal Transfer Printing

Thermal Transfer technology is a dry transfer printing process that uses heat and pressure to create a durable bond between the resin-based pigments and the media. The resins, containing densely packed pigments, are supplied on ribbons. This pigment density results in images that are highly abrasion resistant compared to liquid-based inks, and it provides a long term UV and water resistance with an outdoor durability up to 5 years without lamination.

*Summa ColorControl is optional on DC4sx.

Local Summa Dealer:

Summa