# SUMMACUT®
## FX SERIES

# D140 FX

## PRINT & CUT
### WHEN YOU TAKE A PRINTER AND ADD A SUMMA CUTTER, TWO BEATS ONE

### ■ D140FX & PRINTER=PERFECT MATCH

Eliminate unproductive time, run multiple jobs at once. Improve the durability of your print and cut applications without slowing down your productivity.

Avoid production bottlenecks and limitations of multi-functional devices.

Count up the advantages and see the potential for greater productivity on your production floor.
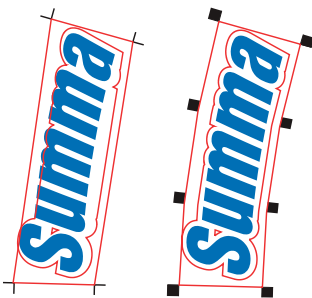
#### LATEX APPROVED
*Contour cutting solution*

### ■ CONTOUR CUTTING WITH SUMMA OPOS

Summa's automated contour alignment system, OPOS, stands for Optical Positioning System. The OPOS X sensor technology senses marks on a wide range of materials (including reflectives).

Without OPOS    With OPOS

OPOS has the unique capability of registering multiple markers along a job. This enables our system of scanning large jobs without loss of accuracy. Compared to a typical 4 point alignment system, which will generate inaccuracies in the contour, OPOS can scan a minimum of 4 to a maximum of 128 markers, allowing a much higher precision on large jobs.

A reference line in front of the job makes it possible to compensate deformations along the width of the machine as well.
Note: With the optional Camera system on S Class 2 units, positioning the image can be done blistering fast.
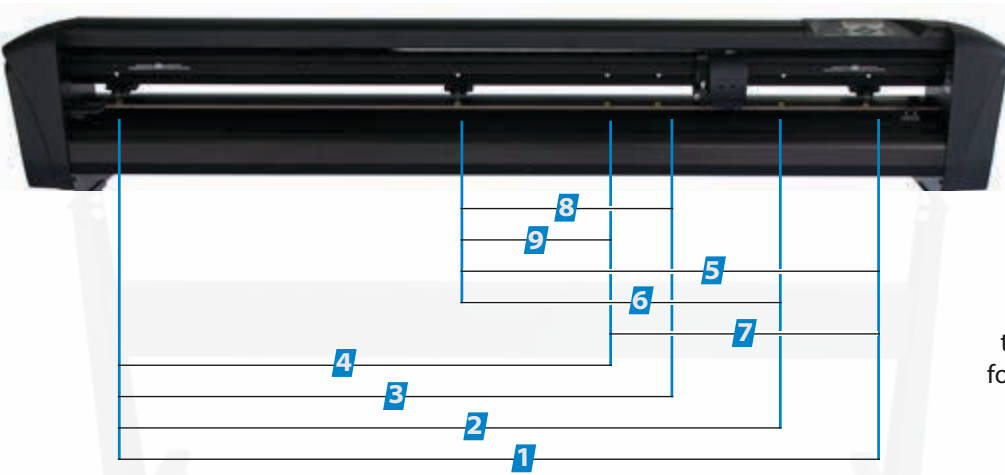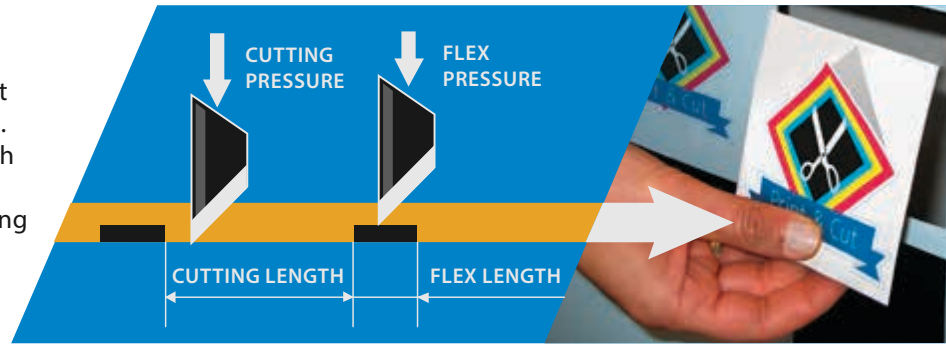
#### OPOS X

A fully automated workflow with barcode reading enables you to contour cut multiple jobs without any user intervention. And with the optional roll-up system complete rolls can be easily handled.

But even for a single job the barcode avoids human mistakes.

## Summa®

## ◢ RELIABLE CUTTING THROUGH

Summa's FlexCut feature makes it possible to cut simple designs completely through the material. Alternately, one length is cut completely through the material, and one length is cut half through. This way, a kind of tear-off line is created, ensuring the material keeps a certain rigidity to be transported through the Summa cutter while it remains easy to take out the design afterwards.

**CUTTING PRESSURE**  **FLEX PRESSURE**

**CUTTING LENGTH**  **FLEX LENGTH**

## ◢ MEDIA WIDTH & SPECIFICATIONS

Benefit from all the goodies of the Summacut Series at a bottom price.

With six pinchroller positions (handling most common sizes) and an extended cutting mode, the Summacut D140FX is optimized for most common media sizes.

| TARGET MEDIA WIDTH | 1/ 137 cm | 2/ 122 cm | 3/ 100 cm | 4/ 91 cm | 5/ 75 cm | 6/ 61 cm | 7/ 50 cm | 8/ 40 cm | 9/ 30 cm |
|---|---|---|---|---|---|---|---|---|---|
| SPEED | Up to 113 cm/sec diagonal | | | | KNIFE PRESSURE | 0 - 400 grams, in 5 gram increments | | | |
| ACCELERATION | Up to 3 G diagonal | | | | CONNECTIVITY | USB, RS232 (Serial) | | | |
| ACCURACY | 0.2% of move or 0.25 mm, whichever is greater | | | | DIMENSIONS | 175 x 68 x 115 cm | | | |
| REPEATABILITY (GUARANTEED) | Within +/- 0.1 mm on plots: Up to 8 M long on rolls up to 760 mm wide*; Up to 4 M long on rolls over 760 mm wide* | | | | INCLUDE SOFTWARE | Cutter control software; Winplot & MacSign Cut Cutting Software | | | |

*For complete specifications visit www.summa.eu

## ◢ SUMMA CUTTER TO MEET YOUR NEEDS

The Summacut Series offer a solution to fit your needs— whether you are looking for flexibility or high performance— integrated into and optimized for print– and–cut workflow, along with a matching Summa cutting plotter.

| | | SUMMACUT FX SERIES | SUMMACUT SERIES | S CLASS 2 D SERIES | S CLASS 2 T SERIES |
|---|---|---|---|---|---|
| DESCRIPTION | | Reliable, No-Nonsense Contour Cutter | Reliable, Efficient, No-Nonsense Vinyl & Contour Cutter | Maximum Performance, Reliable, Efficient, Vinyl & Contour Cutter | Maximum Possibilities, Versatile, Flexible, Vinyl & Contour Cutter |
| MAXIMUM MEDIA WIDTH | 140 | 142 cm | 142 cm | 145 cm | 145 cm |
| | 160 | | 164 cm | 168 cm | 168 cm |
| CUTTING TECHNOLOGY | | Drag Knife | Drag Knife | Drag Knife | **True Tangential Knife** |
| OPOS X (CONTOUR CUTTING) | | ✔ | ✔ | ✔ | ✔ |
| OPOS CAM (CAMERA) | | | | | Optional |
| BARCODE SUPPORT | | ✔ | ✔ | ✔ | ✔ |
| FLEXCUT (CUTTING THROUGH) | | ✔ | ✔ | ✔ | ✔ |
| ROLL-UP | | | | Optional | Optional |
| VELOCITY | | ** | *** | ***** | ***** |
| FLEXIBLE MEDIA SIZES | | | ✔ | ✔ | ✔ |

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