

# SUMMA S CLASS

## D SERIES

Superior Drag-knife Vinyl Cutters



75 cm. / 30 in.



120 cm. / 48 in.



160 cm. / 64 in.

## SUMMA S CLASS D SERIES

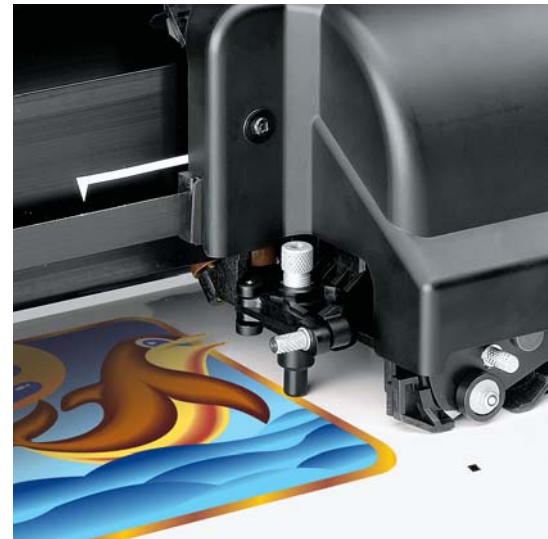
The versatile new D Series unites Summa S Class power and precision with an affordable and efficient drag-knife cutting head. It employs our most powerful servomotors yet and Summa's MicroSprocket™ drive to let you cut with amazing speed, confidence and precision. Coupled with an astonishing array of innovations and built-in capabilities, Summa S Class does more than any other cutter in its class. Precisely.

# SCLA



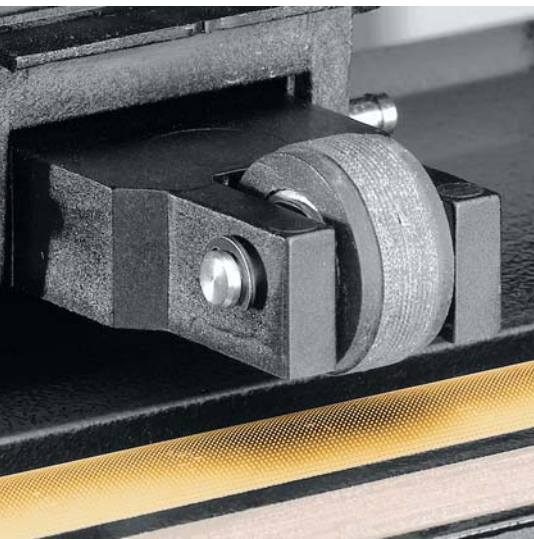
### ADJUSTABLE PINCH ROLLERS ▶

Variable pressure pinch rollers provide precise tracking on thin and thick materials.



### ▼ LEGENDARY TRACKING

Our exclusive MicroSprocket™ drive drum delivers tracking accuracy that's become the industry standard for long-distance tracking.



### ▲ OPOS X

OPOS includes our new X-laser sensor for accurate die-cutting on a wide range of output with or without lamination.

### ◀ CUT OR POUNCE EASILY

Dual protection strips and a multi-position tool holder make it a snap to go from cut mode to pounce mode.



Cut More. Precisely.™

## SUMMA S CLASS FEATURES

- SelectTouch™ Control Center**  
 The new touch-sensitive control panel puts every advanced feature at your fingertips by way of a clear, crisp high-contrast SelectTouch display.
- Variable-Tension Pinch Rollers**  
 User-selectable pinch-roller pressure gives you superior tracking over a wide range of vinyl, screen-lithe, polyester and paper. Whether you're loading thick or thin material, you'll get legendary Summa tracking accuracy every time.
- Dual Cutting Strips**  
 Separate cut and pounce protection strips let you switch from cut and pounce mode without changing your protection strip. Now going from cut to pounce is as easy as swapping a blade for a pen, making Summa S Class cutters as easy as they are versatile.
- OPOS™ X Print-Cut Alignment**  
 The world's best and best-selling optical alignment system is now even better. OPOS X features a more advanced optical scanner that's capable of reading registration marks on an even wider range of output.
- Auto Cut-Off Knife**  
 The totally redesigned D-Series cutting head includes a new auto cut-off knife, which you can optionally set to slice your media at the end of each job.
- Offset Media Support Rollers**  
 The new media support rollers are now off-set to hold roll-fed materials more securely. Now you can cut at top speeds without fear of your roll being pulled off its track.

### TOUCH-SCREEN CONTROLS

Point-and-click controls take the guesswork out of navigating cutter functions and settings.



## YOUR SUMMA DEALER

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## S75 D SERIES



**WIDTH**  
75 cm (30-inch) drag-knife

**TYPE**  
Drag-knife, friction feed

**SPEED**  
Up to 1000 mm/sec (40 ips) axial  
Up to 1414 mm/sec (56 ips) diagonal

**ACCELERATION**  
Up to 4 g axial  
Up to 5.5 g diagonal

**KNIFE PRESSURE**  
0-400 grams, in 5-gram increments

**ADDRESSABLE RESOLUTION**  
0.1 mm (0.001"); 0.025 mm (0.005")  
selectable

**TOOL COMPATIBILITY**  
**Standard D-Series Knife** for vinyl, reflective and fluorescent films; **Thick Material D-Series Knife** for sandblast resist, thick reflective and other thicker films; **Pen** for plotting on paper; **Pounce Tool** for pouncing on paper

**VARIABLE MEDIA WIDTH**  
6 cm - 84 cm (2.4" to 33.1")

**OPERATION MODE**  
Cut, Flexcut, Draw and Pounce

**REPEATABILITY**  
+/- 0.1 mm (0.004") up to 12 m (40')

## S120 D SERIES



**WIDTH**  
120 cm (48-inch) drag-knife

**TYPE**  
Drag-knife, friction feed

**SPEED**  
Up to 1000 mm/sec (40 ips) axial  
Up to 1414 mm/sec (56 ips) diagonal

**ACCELERATION**  
Up to 4 g axial  
Up to 5.5 g diagonal

**KNIFE PRESSURE**  
0-400 grams, in 5-gram increments

**ADDRESSABLE RESOLUTION**  
0.1 mm (0.001"); 0.025 mm (0.005")  
selectable

**TOOL COMPATIBILITY**  
**Standard D-Series Knife** for vinyl, reflective and fluorescent films; **Thick Material D-Series Knife** for sandblast resist, thick reflective and other thicker films; **Pen** for plotting on paper; **Pounce Tool** for pouncing on paper

**VARIABLE MEDIA WIDTH**  
11.5 cm - 130 cm (4.5" to 51.2")

**OPERATION MODE**  
Cut, Flexcut, Draw and Pounce

**REPEATABILITY**  
Within +/- 0.1 mm (0.004") on plots  
a) up to 12 m (40') long  
using vinyl < 760 mm (30") wide  
b) up to 4 m (13') long  
using vinyl > 760 mm (30") wide

## S160 D SERIES



**WIDTH**  
160 cm (64-inch) drag-knife

**TYPE**  
Drag-knife, friction feed

**SPEED**  
Up to 1000 mm/sec (40 ips) axial  
Up to 1414 mm/sec (56 ips) diagonal

**ACCELERATION**  
Up to 4 g axial  
Up to 5.5 g diagonal

**KNIFE PRESSURE**  
0-400 grams, in 5-gram increments

**ADDRESSABLE RESOLUTION**  
0.1 mm (0.001"); 0.025 mm (0.005")  
selectable

**TOOL COMPATIBILITY**  
**Standard D-Series Knife** for vinyl, reflective and fluorescent films; **Thick Material D-Series Knife** for sandblast resist, thick reflective and other thicker films; **Pen** for plotting on paper; **Pounce Tool** for pouncing on paper

**VARIABLE MEDIA WIDTH**  
17 cm - 168 cm (6.7" to 66.1")

**OPERATION MODE**  
Cut, Flexcut, Draw and Pounce

**REPEATABILITY**  
Within +/- 0.1 mm (0.004") on plots  
a) up to 12 m (40') long  
using vinyl < 760 mm (30") wide  
b) up to 4 m (13') long  
using vinyl > 760 mm (30") wide