T SERIES
True Tangential™ Vinyl Cutters

D SERIES
Superior Drag-knife Vinyl Cutters
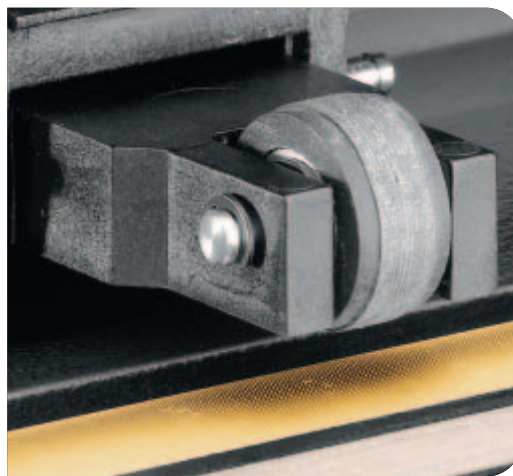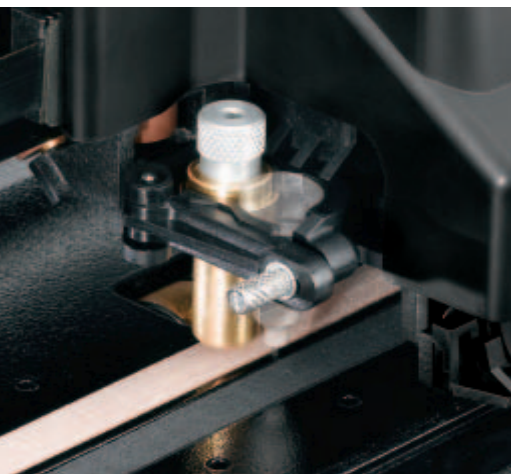
SUMMA
S CLASS

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.
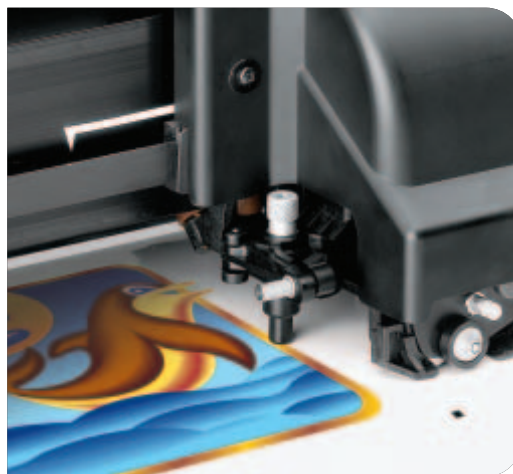
Variable-Tension Pinch Rollers

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.
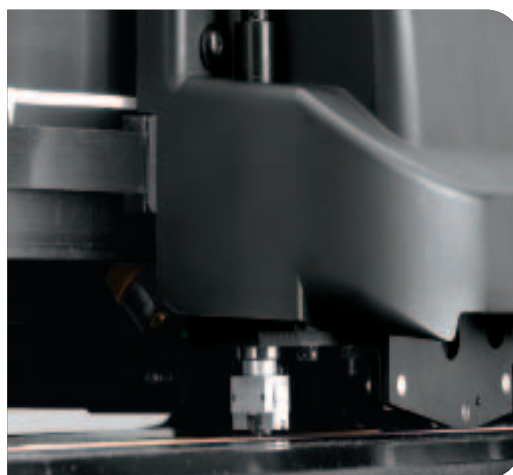
OPOS™ X Print-Cut Alignment

The world's best and best-selling optical alignment system is now even better. OPOS X features a more advance 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 sheet-off knife, which you can optionally set to slice your media at the end of each job.

Optional Roll-Up System

After a job is finished, the system will roll up the artwork very neatly and prepare the machine for the next unattended job. The new integrated panelling feature splits long-lenght runs in shorter consecutive jobs. The S Class can therefore cut complete rolls unattended and delivers the output nicely rolled-up.

S CLASS

Professional Grade Vinyl Cutters

Technical Specifications

Velocity	50 - 1000 mm/sec, axial; up to 1414 mm/sec, diagonal
Acceleration	Up to 5,5 g, diagonal
Knife Pressure	**D SERIES** : 0 - 400 grams, in 5-gram steps **T SERIES** : 0 - 600 grams, in 5-gram steps
Mechanical Resolution	0,00635 mm
Repeatability	±0,1 mm: a) up to 12 m long using vinyl < 760 mm wide b) up to 4 m long using vinyl > 760 mm wide
Tool Compatibility	• Standard blade and holder for standard, reflective and fluorescent vinyls • 60° blade and holder for sandblast resist and other thick materials • Pen • Pouncing tool
Media Width	**S75** : 6 cm - 84 cm **S120** : 11,5 cm - 130 cm **S140** : 17 cm - 145 cm **S160** : 17 cm - 168 cm
Media Length	50 m
Max. Media Thickness	**D SERIES** : 0,05 mm to 0,25 mm (0,8 mm with optional sandblast knife) **T SERIES** : 0,05 mm to 1,2 mm
Cutting Area	**S75** : 74,2 cm x 50 m (82,2 cm in oversized mode) **S120** : 120 cm x 50 m (128 cm in oversized mode) **S140** : 135 cm x 50 m (143 cm in oversized mode) **S160** : 158 cm x 50 m (166 cm in oversized mode)
Buffer Size	16 MB
Interface	USB 1.1 and Serial RS-232 C (up to 57.600 baud)
Firmware	DMPL, HPGL, HP-GL/2
Power Requirements	100 - 240 Vac, 50/60 Hz, 85 W max
Environment	15 to 35° C, relative humidity 35 to 75% non condensing
HxWxD - weight	**S75** : 111 x 141 x 68 cm - 49,5 kg **S120** : 111 x 187 x 68 cm - 61,5 kg **S140** : 111 x 202 x 68 cm - 65,5 kg **S160** : 111 x 225 x 68 cm - 71,0 kg

Summa S Class comes with:

- Sturdy all-metal stand with basket
- OPOS X : Optical Positioning System
- Media Support System + pair of core holders
- Auto cut-off knife
- Automatic interface selection
- Reduced pinch roller pressure
- Dual cut/pounce strip
- Features : OverCut, FlexCut, Opticut, TurboCut, Vector look-ahead, Curve and Arc smoothing, diagnostic routines
- RS-232 data cable (5m) and USB data cable (5m)
- Power Cord
- Multilingual Quick Start Manual (CD Rom)
- Multilingual operation manual and "Summa Cutter Control" program for Windows (CD Rom)
- Cutting programs for Mac & for Windows with CorelDraw plug-in

With D-Series :

- 2 Standard knives and 1 knife holder
- Fiber tip pen
- Pouncing toolkit

With T-Series :

- 2 Standard knives and 1knife holder
- Ball point with holder
- Drag knife and holder
- Sandblast knife and nose piece
- Pouncing toolkit
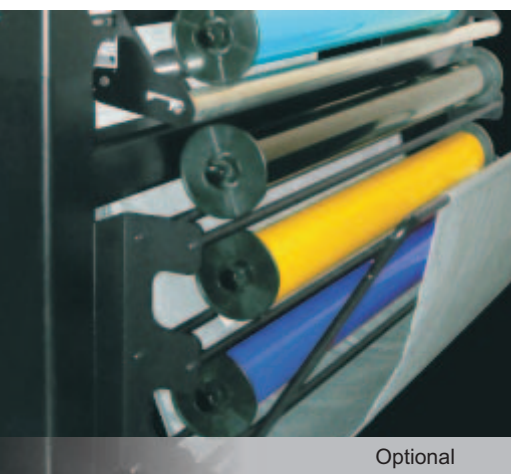
Accessories & Consumables

- 395-397 : Media Rack for S140
- 395-396 : Media Rack for S160
- 395-369 : Roll-Up System for S140
- 395-359 : Roll-Up System for S160
- 391-510 : Extra set of media core holders
- 391-886 : Cutting strip S75 - S120
- 400-565 : Cutting strip S140 - S160

D-Series :

- 391-332 : Standard drag knife holder
- 391-360 : Set of 5 standard drag knives
- 391-358 : Set of 5 knives for thick media
- 391-363 : Knife holder for thick media
- MP06BK : Set of 4 fiber tip pens
- MP0646 : Set of 4 rollerpoint pens

T-Series :

- 390-534 : Set of 5 standard tang.knives
- 395-322 : Tangential knife holder
- 390-550 : Tang. knife for thick media
- 395-323 : Tang. knife holder for thick media
- 395-325 : Tang. ballpoint pen
- 395-324 : Tang. ballpoint pen holder
- 395-330 : Nose piece drag
- 395-347 : Nose piece, thick material
- 395-348 : Nose piece, standard

Optional

Optional