

S CLASS 2

Superior vinyl and contour cutters



Advanced vinyl and contour cutters for high-volume vinyl and digital print shops.

Sign making has evolved and more than ever you need equipment that's both flexible and durable. Summa S Class 2 cutters are built on a foundation of rock-solid reliability and offer features to handle virtually anything you feed them with. From cutting vinyl to accurate digital die-cutting to plotting on paper and beyond, Summa S Class is a do-it-all cutter with the strength to do it day in and day out.

Like the finely tuned suspension in a sports car, our precision tracking lets us put more

power under the hood. S Class 2 features a dual servomotor design that cuts amazingly fast. Summa tracking lets you do it with complete confidence.

Like a quality timepiece, the accuracy of European-crafted cutters is precisely what makes them so durable. So you not only get amazing reliability, you get the confidence of knowing that your expensive films and valuable vinyl prints will be cut precisely each and every time.

Model	S75	S120	S140	S160
Dimensions	141 X 68 X 111 CM	187 X 68 X 111 CM	202 X 68 X 111 CM	225 X 68 X 111 CM
Media Width	6 TO 84 CM	12 TO 130 CM	17 TO 145 CM	17 TO 168 CM
Cutting Area	74.2 CM X 50 M	120 CM X 50 M	135 CM X 50 M	158 CM X 50 M
	'OVERSIZED' MODE ALLOWS A WIDER CUTTING AREA : +/- 7CM			
Repeatability (guaranteed)	WITHIN +/- 0.1 MM ON PLOTS : UP TO 12M LONG ON ROLLS UP TO 760 MM WIDE ² ; UP TO 4 M LONG ON ROLLS OVER 760 MM WIDE ²			
Accuracy	0.2 % OF MOVE OR 0.25 MM, WHICHEVER IS GREATER ²			
Speed	UP TO 141 CM/SEC DIAGONAL			
Acceleration	UP TO 5.5 G DIAGONAL			
Knife Pressure	DRAG: UP TO 400 GRAMS, TANGENTIAL: UP TO 600 GRAMS			
Connectivity	USB; ETHERNET			
	*For complete specifications, visit www.summa.eu			



Summa S Class is unquestionably the world's most advanced cutter. With its exclusive **touch-control panel**, it's by far also the easiest to use.

The cutting head includes an auto **cut-off knife**, which you can optionally set to slice your media at the end of each job.



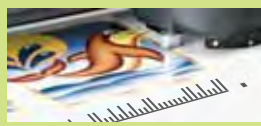
Eight built-in and quickly accessible **user configurations** makes switching between different jobs and media fast and easy.



S2 CLASS

Summa's new flagship, the S Class 2, has a processor which is seven times more powerful than its predecessor. The new colour touchscreen, network connection, USB stick support and faster OPOS sensor makes S2 prepared for many years to come. New trim and sheet cut functionality makes the cutter more than ever the perfect companion for large format printers.

OPOS X **contour-cutting** alignment delivers OPOS' unparalleled accuracy and automation, even on laminated images.



Summa S Class 2 is standard equipped with an ethernet port for fast and reliable connection to a **network**. An **USB stick** can be used to store jobs for later use.



Flexcut



FEATURE

Tracking



SYSTEM

Smart



INTELLIGENCE

Genuine



TANGENTIAL

EQUIPPED WITH **OPOS X**

S2 75

75 cm drag or tangential knife



S2 120

120 cm drag or tangential knife



S2 140

140 cm drag or tangential knife

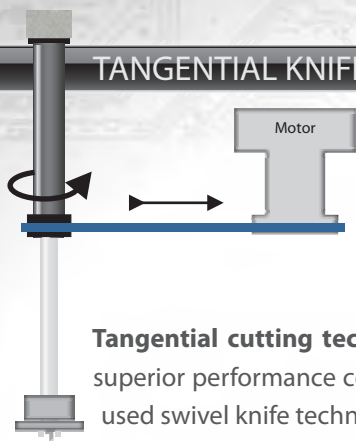


S2 160

160 cm drag or tangential knife

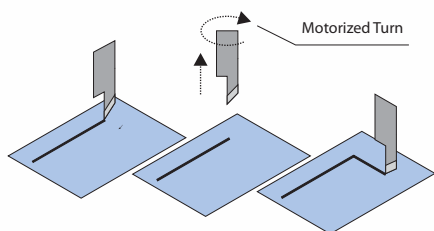


TANGENTIAL KNIFE CUTTERS



Tangential cutting technology guarantees a superior performance compared to commonly used swivel knife techniques. The direction of the tangential knife is electronically controlled, by which T series are capable of cutting very precisely and with very high pressures. The perfect cutting makes weeding very easy, saving you a lot of valuable time.

The patented nose piece avoids small pieces being pushed out of the vinyl while cutting. With up to 600 grams of cutting force, Summa S Class powers through heavy sandblast, paint mask and reflective materials with incredible ease, speed and accuracy. With a T model, you know you can do the job!



Double tip knife

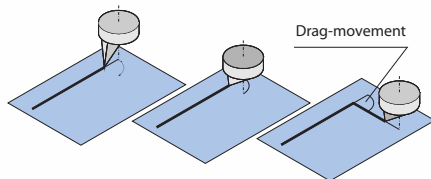
Summa tangential cutters can also drive double tip knives, these have two cutting edges. The Dual tip as a result is much more rigid, significantly elongating the life time of the knife. When penetrating the material, the dual tip automatically generates an overcut. Especially when cutting high reflective materials, the extra overcut and rigidity proves its value in this hard and thick material.



DRAG KNIFE TECHNOLOGY



Its simplicity has made **drag knife** (or swivel knife) technology the most commonly used. An offset parameter defines the distance between the knife tip and the rotating centre. In order to know the position of the freely rotating knife inside the knife holder a drag movement is made assuming the knife tip will follow accordingly. Summa cutters include enhanced methods to optimise this drag-movement to obtain the best possible cutting quality.



Media Options

A servo-powered roll-up system (S160 & S140)

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



Extra Pinchrollers

Extra pinchrollers can be installed to have extra grip when required.



A solid, most effective media rack

(S140 & S160)



OPOS CAMera

With OPOS-CAM, Summa delivers yet another amazing innovation with the printing industry's first camera recognition alignment solution for friction driven vinyl drum cutters. Summa Customers in volume driven workflow environments will now be able to excel against their competition with super fast precision, accurate cutting of short or long run contour cutting jobs. OPOS-CAM is a factory upgrade option now available on all new Summa S Class S75T, S140T and S160T vinyl cutting plotters.



Dual Head

As an option, the S Class T Series can be equipped with a cutting head with a double functionality.

This special double head features an extra pen adaptor (instead of the OPOS sensor) allowing to work alternately with both tools.

A perfect solution for drawing and cutting patterns in one easy step!

