

NEW RELEASE

SUMMA S CLASS 3 SERIES, DESIGNED FOR TOP PERFORMANCE

The S Class 3 tangential and drag-knife cutters feature first-class engineering and advanced cutting technology. The new S Class 3 series is crafted to cater to the needs of true professionals who demand nothing short of top-notch performance, pinpoint precision, and unparalleled versatility in their work. With its advanced technology, intuitive software GoSign, durable construction, and timesaving features, they surpass even the most demanding user expectations.

Leave nothing to chance and enjoy our leading-edge contour cut excellence!



Summa S Class 3 Series

Level Up with Advanced Cutting Technology

The Summa S Class 3 not only masters precision and versatility, but it also proves to be a durable workhorse built to last. Constructed with premium materials, it can withstand heavy use while delivering consistent, high-quality results day in, day out.

From vinyl cutting to precise digital die-cutting and plotting on various materials, the S Class 3 is a true do-it-all cutter, catering to a myriad of creative needs. It is your ultimate choice for handling expensive foils and valuable vinyl prints with precision and reliability. Prepare to elevate your cutting endeavours to new heights of excellence with European craftsmanship. Place your trust in the S Class 3 cutters, and you'll never look back.

Key Features

S Class 3 tangential and drag-knife cutters pave the way for cutting excellence through an efficient and productive workflow. A broad range of integrated and optional features take your cutting workflow and operator comfort to the next level.

True Tangential Cutting Technology

The highly-engineered tangential cutting heads on the S Class 3T Series have a unique motorised knife, allowing the cutters to achieve unparalleled accuracy and precision down to the smallest details. Our True Tangential cutting technology even handles heavy sandblasts, paint masks, and reflective materials.

Smart Object Sorting and Panelling

The Smart Object Sorting feature is designed to select the most optimal starting point for cutting objects, every single time. In addition, the unique Smart Panelling function improves cutting accuracy and simplifies post-processing. When panelling is, e.g., set to 40cm, all objects within this range are cut at once.

Summa GoSign Software

Our powerful in-house GoSign software allows you to manage your preferred workflow straightforwardly and with great flexibility.

Fast and Accurate Cutting with OPOS CAM (S Class 3 TC)

The new camera is more performant with even faster recognition abilities thanks to automatic data processing in the cutter instead of the external software. It allows you to excel with extremely fast and precise cutting of short or long-run contour-cutting jobs.

Dual Head Functionality (S Class 3 TC)

The S Class 3 TC models are the most advanced cutters of the S3 Series. Their high-precision cutting head can now carry two tools at once. This allows you to cut and crease or cut and draw without changing tools.



S3 TC75



S3 D120



S3 D140

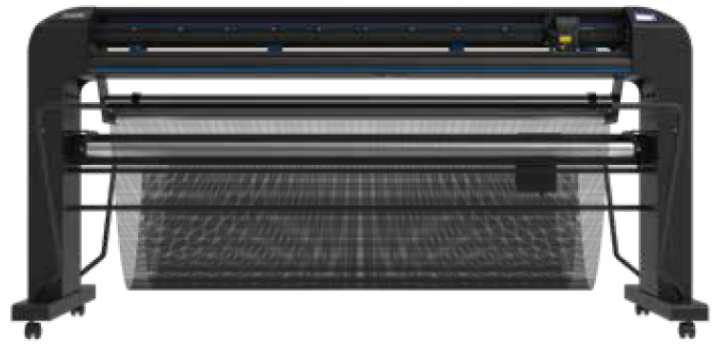


S3 TC160

SUMMA S3 160

The largest roll cutter size in the S Class 3 Series is tailored to the professional user who wants maximum flexibility in the possible applications and desires the most advanced technology and features. Rely on leading-edge cutting performance and cutting excellence with the S Class 3.

- 2.8inConnectivity options
- Summa GoSign software
- Combining Cut & Crease and OPOS (TC)
- Tangential or Drag knife technology
- Indicator light
- Advanced throughput functionality
- Camera or Sensor recognition of registration marks
- Barcode functionality for automation
- Twin X functionality
- Roll-up system



Technical Specifications

Model	S3 160	
Dimensions	225 x 69 x 111 cm	
Media Width	17 to 168 cm	
Max. Working Width	158 cm x 50 m 'Oversized' mode allows a wider cutting area: +/- 7 cm	
Alignment Type	<ul style="list-style-type: none"> • OPOS X - OPOS Xtra • OPOS - CAM (factory upgrade) • Barcode job recognition 	<ul style="list-style-type: none"> • Up to 2 x 64 marks on the X-line • Y-Line compensation
Tracking Performance	12 m max. within guaranteed specifications for media less than 760 mm	4 m max. within guaranteed specifications for media larger than 760 mm
Media Thickness	0.05 mm to 0.25 mm / Up to 0.8 mm with sandblast drag knife / Up to 1.2 mm with sandblast tangential knife	
Accuracy	0.2% of move or 0.25 mm, whichever is greater	
Speed	Up to 1440 mm/s diagonal	
Acceleration	Up to 4.2 G diagonal	
Knife Pressure	Drag Knife: Up to 400 grams / Tangential Knife: Up to 1000 grams	
Extra Pen or Creaser Pressure	Up to 1000 grams	
Other Features	FlexCut (cutting through)	
Connectivity	Ethernet, USB, WIFI	
Power Requirements	100-120 / 220-240 VAC, 50/60 Hz, 85 VA maximum	
Included Software	Summa GoSign Software, Summa Cutter Control / Plug-in: Illustrator, CorelDraw, MacSign	
Cutting Technology	Drag knife / Tangential knife	
Dual Head	Creasing tool / Fibre pen	
*In 'Oversized' mode the tracking performance is no longer guaranteed.		

Key Features

The S3 160 is perfect for professionals that want maximum versatility and productivity. With the capability to handle media up to 158cm (+7cm in oversized mode), it's ideal for large-format projects. Equipped with advanced cutting technology and either a drag or tangential knife, it allows for more control and pressure, ensuring precision and efficiency in every cut.

Unlock the power of full automation with the Summa S3 160. By simply placing a printer in front of the roll cutter, you can achieve seamless transitions from printing to cutting without any intervention. Moreover, by opting for the roll-up unit, you can neatly roll up the processed material instead of letting it fall into the basket.

Need even more cutting power? The **Twin X functionality** offers the ultimate solution by seamlessly integrating the Summa S3 160 with the F1612 flatbed cutter. This dynamic duo will optimize your workflow efficiency and elevate your business to unparalleled heights.

