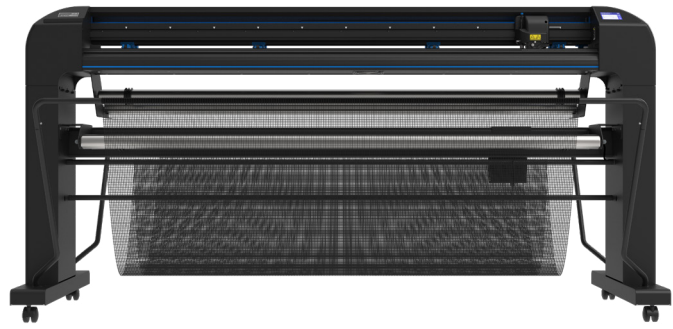


SUMMA S3 160

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.

- Connectivity options
- Summa GoSign software
- Combining Cut & Crease and OPOS (TC)
- Tangential or Drag knife technology
- Indicator light
- Advanced throughcut 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	• OPOS X - OPOS Xtra • OPOS - CAM (factory upgrade) • Barcode job recognition	• 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.



S CLASS 3 TECHNICAL SPECIFICATIONS

Model	S3 75	S3 120	S3 140	S3 160
Dimensions	141 x 69 x 111 cm	187 x 69 x 111 cm	202 x 69 x 111 cm	225 x 69 x 111 cm
Media Width	6 to 84 cm	11.5 to 130 cm	17 to 145 cm	17 to 168 cm
Max. Working Width Oversized Mode*	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 : +/- 7 cm*			
Pinch Rollers	2	3	4	4
Alignment Type	• OPOS X - OPOS Xtra • OPOS CAM : Factory upgrade on new Summa S Class 3 S75T and S160T		• Barcode job recognition • Up to 2 x 64 marks on the X-line • Y-Line compensation	
Tracking Performance	Within +/- 0.1 mm on plots: • up to 12 m long on rolls up to 760 mm wide* • up to 4 m long on rolls over 760 mm wide*			
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	-	-	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			
*In 'Oversized' mode the tracking performance is no longer guaranteed.				

Summa Vinyl Cutters Comparison		S One FX Series	S One Series	S Class 3 D Series	S Class 3 T Series	S Class 3 TC Series
Maximum Media Width	60	-	70.5 cm	-	-	-
	75	-	-	84 cm	84 cm	84 cm
	120	-	135 cm	130 cm	130 cm	-
	140	142 cm	150 cm	145 cm	145 cm	-
	160	-	169 cm	168 cm	168 cm	168 cm
Cutting Technology		Drag Knife	Drag Knife	Drag Knife	True Tangential Knife	True Tangential Knife
Opos alignment systems		✓	✓	✓	✓	✓
Camera (USB)		-	-	-	-	✓
Barcode Support		✓	✓	✓	✓	✓
Roll-up		-	-	Optional	Optional	Optional
Speed		**	***	*****	*****	*****
Flexible Working Sizes		-	✓	✓	✓	✓