

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	3	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		-	✓	✓	✓	✓