

The only stencil cutter that integrates tangential cutting and pen drawing

Introducing the ultimate stencil cutter — the new faster, more intelligent and easier-to-use AirMark 30-inch Stencil Cutter by Summa. The most advanced and popular stencil cutters in the aircraft painting industry now pack a one-two punch. That's thanks to the new duo-function A-Head that merges TrueTangential™ cutting with pen plotting. Draw part numbers, instructions and more on your stencils without changing accessories or realigning your material. Now you can save time and labor in stencil production while taking the guesswork out of stencil application.



S75TA

AirMark Stencil Cutter

30-inch | Model S75TA

US Price: **\$6,995**

Product Highlights

- TrueTangential cutting head for ultra precise cutting
- Front and rear media baskets for long unattended cutting
- Duo-function cutting head for cut-and-draw applications
- Touch-sensitive LCD controls for maximum ease-of-use

Intended Uses Include:

- Cutting stencils for paint and sand-blast applications
- Cutting vinyl for signs, vehicles and other applications
- Contour-cutting printed vinyl graphics and labels



AirMark S75TA 30-inch Stencil Cutter

The ultimate in cut-quality

If you've ever been ready with paint in hand only to have a stencil fail to lift off correctly, then you'll truly appreciate our TrueTangential™ cutting. With a motorized cutting head that turns the blade mechanically, AirMark Stencil Cutters are able to lift and turn on every angled cut. That assures every corner is cut completely and precisely. And it means every stencil pulls up quickly and cleanly, no matter how complex. In fact, AirMark Stencil Cutters are the only cutters of their type to offer tangential cutting, which is the same cutting method found on large and ultra-expensive flatbed cutters.

Unparalleled long-track accuracy

Even personal aircraft can have large surface areas you'll need to mask before painting. So a stencil cutter that maintains its accuracy on long runs can spell the difference between success and failure. That's why every AirMark Stencil Cutter has our patented and exclusive MicroSprocket™ tracking system. They're so accurate we guarantee your cuts will be within a 4/1000ths-inch margin of error, even on cuts up to 40 feet in length. You'll never waste time and materials with inaccurate cutting. With an AirMark Stencil Cutter, accuracy is guaranteed.

Dizzying speed

Whether you're cutting a single stencil or thousands, you'll enjoy the time-saving speed and increased production that AirMark Stencil Cutters deliver. All three models combine our super-accurate MicroSprocket tracking with three robust servomotors that move the cutting head and material at top-in-class speeds. So you can take full advantage of the 56-inch-per-second cutting and know your stencils will be perfectly-cut every time.

Easier than ever

Gone are the days of complicated and confusing character-based displays. AirMark Stencil Cutters feature large graphical touch-screen control panels that guide you through every feature and setting with a touch of your finger. Change every setting and advanced feature quickly and intuitively — even the language of the on-screen prompts and buttons. So you don't even need to speak English to be amazed by the incredible ease-of-use.

Celebrating 15 Years of
Worldwide Leadership



The preferred stencil and labeling solutions for the aircraft painting industry since 1992

Product Specifications

TYPE: 75 cm (30 in.) duo-function tangential-knife / pen draw, friction feed

SPEED : Up to 1000 mm/sec. (40 in./sec.) axial; up to 1414 mm/sec. (56 in./sec) diagonal

CUTTING AREA: 74.2 cm x 50 m (29.2 in. x 164 ft.) maximum

ACCELERATION: Up to 4 g axial; up to 5.5 g diagonal

KNIFE PRESSURE: 0-600 grams, in 5-gram increments

ADDRESSABLE RESOLUTION: 0.025 mm, 0.1 mm selectable (Metric); 0.001 in., 0.005 in. selectable (English)

REPEATABILITY: Within +/- 0.1 mm (0.004 in.) on plots up to 12 m (40 ft.) long

TOOL COMPATIBILITY: Standard knife for vinyl, reflective and fluorescent films; thick material knife for sandblast resist and other films up to 1.2 mm (0.047") thick; double-tip knife for heavy-duty materials; ballpoint pen for plotting on paper; low-solvent fiber-tip pen for drawing on vinyl; pounce tool for pouncing on paper

MEDIA WIDTHS: 6 to 84 cm (2.4 to 33 in.)

MEDIA LENGTH: 50 m (164 ft.) maximum

MEDIA THICKNESS: Up to 0.25 mm (0.01 in.) with standard knife; up to 1.2 mm (0.047 in.) with thick material knife; up to 0.25 mm (0.01 in.) reflective and other hard-to-cut materials with double-tip knife

MEMORY: 16 MB

INTERFACE: USB 1.1 and Serial RS-232C

DISPLAY LANGUAGES: English; French; German; Dutch; Italian; Spanish; Polish

CUTTER LANGUAGES: Summa DM/PL, HP-GL or HP-GL2 (with selectable origin ; HP7475 and HP 7580/7585)

POWER REQUIREMENTS: 100-240 Vac, 48-62 Hz, 85 VA maximum

OPERATING ENVIRONMENT: 15° to 35° Celsius (59° to 95° Fahrenheit); 35 to 80% relative humidity (non-condensing)

DIMENSIONS (W x D x H): 141 x 68 x 111 cm (55.5 x 26.8 x 43.7 in.)

SHIPPING WEIGHT: 69 kg (152 Lbs.)

ACCESSORIES INCLUDED:

- 2 standard knife blades and standard nose piece
- 1 thick material knife and thick material nose piece
- Blade holder for standard, thick material and double-tip knife (requires matching nose piece)
- Ballpoint pen with pen holder
- Low-solvent fiber-tip pen for duo-function head
- Power cord
- Serial interface cable (PC) and USB Cable (PC/Mac)
- Quick start guide (English, French, German, Italian, Spanish and Dutch)
- User's manual and drivers on CD-ROM
- Summa Cutter Control™ software (for controlling cutter settings)
- WinPlot™ (PC) and MacSign Cut (Mac) cutting programs
- Cutting plug-in for CorelDRAW 10 thru X3 and Illustrator CS and CS2



For more information visit our Web site or call 800 257.7778

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