



The Performance Class Vinyl Cutter

from ALLEN DATAGRAPH SYSTEMS, INC

Intelligent...

Intuitive...

Industrious...

The Allen i-Cutter's offer advanced features, performance and "industrial class" reliability!

Intelligent

- Gold Touch™ Cutting Head
- Fast Path™ Cutting Technology
- Six Programmable Settings
- Recoverable Pause
- On-The-Fly Speed and Force Control
- Auto-Material Feed & Service Loop Control
- Electronic Material Sensors
- Automatic Media Width Sensors
- "Remote Panel" Utility Software for:
 - Advanced Cutter Settings & Controls
 - Full System Diagnostics

Intuitive

- EZ-Run User Interface & Display
- Media Loading & Alignment
- Dual X - Y Slew Key Control Centers
- Cut & Move Speed Adjustments
- Electronic Cut Force Control...to 550 grams.
- Easy Media Loading
- Long Tracking Guide System...for the long runs!
- Built-in Test Cut
- Multiple Job Copy Feature (to 999)

Industrious

- Cut, Draw and Pounce
- Contour Cutting via Design Software or SmartMark™*
- Hot Tip*-Cut Diamond Grade or Synthetic Textiles
- Full Width Microgrit Material Transport
- DirectCUT Windows Driver
- 2MB On-Board Memory Buffer (expandable to 8MB)
- Durable Steel Construction
- Deluxe Stand w/media holder & baskets
- PC & MAC Compatible

* Factory Installed Option, Sold Separately



Smarter...Faster... Better...

Includes Allen's DirectCUT Windows® Driver

Cut directly from CorelDRAW®, Adobe Illustrator®, AutoCAD®, and most Windows based design programs. There is no need to purchase a costly software bridge or plug-in program when you have the advantage of DirectCUT.

Loaded with a full set of Job-Process Tools!

DirectCUT is a full job-process management program. Again, Allen delivers all the process tools: *Multiple Copies, Step and Repeats, Job Spacing, Mirror Image, Rotate, Weed Border, Object Sorting and Loop Direction.* Plus, DirectCUT supports Allen's SmartMark™ Option for contour cutting large format prints.

DirectCUT, a \$395 Value, is being provided FREE with all Allen i-Cutter class* systems. It requires a Windows 2000 or XP operating system.

* Current Allen cutter owners may also download DirectCUT, at no charge, from the Allen web site.. Some older "legacy" systems may not be compatible.

Five Versatile Sizes...

24"

30"

36"

48"

60"

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Performance Values

The Allen *i* Cutters are complete production ready systems. They include all processing tools to Cut, Draw and Pounce; User's Manual (on CD, printable); Allen's Remote Panel (cutter control software) ; Allen's DirectCUT Windows Driver; Accessories and Deluxe Stand. Two Year Warranty.

i Cutter Systems	<i>i</i> 24	<i>i</i> 30	<i>i</i> 36	<i>i</i> 48	<i>i</i> 60
Physical Dimensions	43 x 17 x 13 inches 110 x 43 x 33 cm	49 x 17 x 13 inches 125 x 43 x 33 cm	55 x 17 x 13 inches 140 x 43 x 33 cm	61 x 17 x 13 inches 170 x 43 x 33 cm	79 x 17 x 13 inches 195 x 43 x 33 cm
Weight	55 lbs 24.8 kg	60 lbs 27.0 kg	65 lbs 29.3 kg	90 lbs 40.5 kg	115 lbs 52.0 kg
Media Width	2.5 to 25 inches 6 to 60cm	2.5 to 31 inches 6 to 79cm	2.5 to 37 inches 6 to 94cm	4.5 to 49 inches 11 to 124cm	4.5 to 61 inches 11 to 155cm
Maximum Frame Size	Media width less 1 inch (2.5cm) x 250 feet.				
Cutting Technology	Swivel Knife; Tangential Emulation				
Memory Buffer	2 MB, expandable to 8 MB				
Realized Cut Speed	52 ips				
Programmable Cut Speeds	Selectable in 100 Steps				
Acceleration	Selectable, 0.25 to 4G				
Cutting Force	Selectable, 5.5 to 550 grams. Adjustable in increments of 100 Steps or 1000 Steps of force				
Knife Blades	45 Degree; 60 Degree				
Pens	Roller Ball; Fiber Tip (HP Style)				
Pounce	Steele Tool; Selectable hole size and pitch(pattern spacing) from .01 to 1.0 inch				
Command Set	HPGL , HPGL/2				
Interfaces	RS-232-C Serial; Parallel				
Media Types/Processed	Vinyl, Screen Print Film, Reflective, Stencil, Mask, Magnetic, Window Tint, Capton, etc.				
Deluxe Stand	Steele Construction; Media roll holder; Media Catch Baskets; Casters				

OPTIONS



SmartMark* Turns your *i*-Cutter into *The Contour Cut Solution* for large format prints. *SmartMark* is a target acquisition system that can scan up to 3 registration marks and accurately adjust for scale and skew. Just place the *SmartMark* sensor near the mark and the system will automatically acquire the target(s) and commence cutting. **Note:** *SmartMark* is not software brand dependent. It is fully compatible with Allen's DirectCUT Windows Driver.



Hot Tip Option* Allen's *Exclusive* Hot Tip Option will give your *i*-Cutter the versatility to process the uncuttable! Now you can efficiently process diamond grade reflective, woven synthetic textiles and more. It is a temperature controlled heated stylus that "cuts" these tough materials with precision.



i*-Cutter Automatic-Stand Option Turns your *i*-Cutter into the ultra-production system. The *i*-Cutter Stand Option features Allen's exclusive automatic material handling system. Media feed, take-up and flow are fully managed for precision tracking and unattended operation. It is available for the 36", 48" and 60" *i*-Cutters. Create the "Dream Machine" - add both the Automatic-Stand & SmartMark Options

* The SmartMark, Hot Tip and Automatic-Stand options are Factory Installed.

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