



## Traffic Cutters

*“Handles the variety of materials used in highway and traffic signs”.*

**56 Kendall Pond Road  
Derry, NH 03038-4395  
Tel 603-216-6344  
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# Intelligent

# Intuitive

# Industrious

- 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

- EZ-Run User Interface & Display
- Media Loading & Alignment
- Dual X - Y Slew Key Control Centers
- Cut & Move Speed Adjustments
- Electronic Cut Force Control...to 650 grams.
- Easy Media Loading
- Long Tracking Guide System for the long runs!
- Built-in Test Cut
- Multiple Job Copy Feature (to 999)

- 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

**Allen Datagraph's i-TECH Traffic cutters** were specifically designed for cutting the variety of materials used in highway and traffic signs including prismatic reflective materials. The cutters incorporate high torque digital servos, High Force Voice Coil cutting heads which utilize Allen's exclusive high frequency PWM drivers and photovoltaic closed loop feedback controls that ensure accurate force control when using high force settings. The i-Tech Traffic cutters use an improved friction drive with five pinch wheels.

**Hot Tip Option\*** Allen's Exclusive Hot Tip Option will give your i-Tech 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



## Traffic Cutter spec's:

### i-Cutter Systems

#### Physical Dimensions

#### Weight

#### Media Width

#### Maximum Frame Size

#### Cutting Technology

#### Memory Buffer

#### Realized Cut Speed

#### Programmable Cut Speeds

#### Acceleration

#### Cutting Force

#### Knife Blades

#### Pens

#### Command Set

#### Interfaces

#### Media Types/Processed

#### Deluxe Stand



### 24 inch

43 x 17 x 13 inches  
110 x 43 x 33 cm

55 lbs  
24.8 kg

2.5 to 28 inches

Media width less 1 inch (2.5cm) x 250 feet.

Swivel Knife; Tangential Emulation; Optional Hot Tip Cutting

2 MB, expandable to 8 MB

52 ips; 32 ips; in high torque mode

Selectable in 100 Steps

Selectable, 0.25 to 4G

Selectable, 5.5 to 650 grams. Adjustable in increments of 100 Steps or 1000 Steps of force

45 Degree; 60 Degree

Roller Ball; Fiber Tip (HP Style)

HPGL, HPGL/2

RS-232-C Serial; Parallel; USB

Prisma Reflective, Vinyl, Screen Print Film, Reflective, Stencil, Mask, Magnetic, Window Tint, Kapton, etc.

Steel Construction; Media roll holder; Media Catch Baskets; Casters

### 30 inch

49 x 17 x 13 inches  
125 x 43 x 33 cm

60 lbs  
27.0 kg

2.5 to 34 inches

Media width less 1 inch (2.5cm) x 250 feet.

Swivel Knife; Tangential Emulation; Optional Hot Tip Cutting

2 MB, expandable to 8 MB

52 ips; 32 ips; in high torque mode

Selectable in 100 Steps

Selectable, 0.25 to 4G

Selectable, 5.5 to 650 grams. Adjustable in increments of 100 Steps or 1000 Steps of force

45 Degree; 60 Degree

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Steel Construction; Media roll holder; Media Catch Baskets; Casters

### 36 inch

55 x 17 x 13 inches  
140 x 43 x 33 cm

65 lbs  
29.3 kg

2.5 to 40 inches

Media width less 1 inch (2.5cm) x 250 feet.

Swivel Knife; Tangential Emulation; Optional Hot Tip Cutting

2 MB, expandable to 8 MB

52 ips; 32 ips; in high torque mode

Selectable in 100 Steps

Selectable, 0.25 to 4G

Selectable, 5.5 to 650 grams. Adjustable in increments of 100 Steps or 1000 Steps of force

45 Degree; 60 Degree

Roller Ball; Fiber Tip (HP Style)

HPGL, HPGL/2

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### 48 inch

61 x 17 x 13 inches  
170 x 43 x 33 cm

90 lbs  
40.5 kg

4.5 to 52 inches

Media width less 1 inch (2.5cm) x 250 feet.

Swivel Knife; Tangential Emulation; Optional Hot Tip Cutting

2 MB, expandable to 8 MB

52 ips; 32 ips; in high torque mode

Selectable in 100 Steps

Selectable, 0.25 to 4G

Selectable, 5.5 to 650 grams. Adjustable in increments of 100 Steps or 1000 Steps of force

45 Degree; 60 Degree

Roller Ball; Fiber Tip (HP Style)

HPGL, HPGL/2

RS-232-C Serial; Parallel; USB

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Steel Construction; Media roll holder; Media Catch Baskets; Casters

### 60 inch

79 x 17 x 13 inches  
195 x 43 x 33 cm

115 lbs  
52.0 kg

4.5 to 64 inches

Media width less 1 inch (2.5cm) x 250 feet.

Swivel Knife; Tangential Emulation; Optional Hot Tip Cutting

2 MB, expandable to 8 MB

52 ips; 32 ips; in high torque mode

Selectable in 100 Steps

Selectable, 0.25 to 4G

Selectable, 5.5 to 650 grams. Adjustable in increments of 100 Steps or 1000 Steps of force

45 Degree; 60 Degree

Roller Ball; Fiber Tip (HP Style)

HPGL, HPGL/2

RS-232-C Serial; Parallel; USB

Prisma Reflective, Vinyl, Screen Print Film, Reflective, Stencil, Mask, Magnetic, Window Tint, Kapton, etc.

Steel Construction; Media roll holder; Media Catch Baskets; Casters

### 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-Tech Cutters. It requires a Windows 2000 or XP operating system.



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