



i-TECH Traffic Cutter

INDUSTRIAL CUTTER

Allen Datagraph Systems, Inc offers an innovative line of Traffic Cutters that allow you to cut the uncuttable for long-lasting Highway and Road Signage.

The i-TECH Traffic Cutters are specifically designed for cutting a variety of heavy-duty, hard-to-cut materials used to create highway and traffic signs, including 3M Prismatic Diamond Grade (DG3) and prismatic reflective materials. The cutters incorporate high torque digital servo motors and High Force Voice Coil cutting heads, that utilize ADSI's exclusive high frequency PWM drivers and digital closed loop feedback controls to ensure accurate force control when using high force settings.

i-TECH Traffic Cutters use an improved friction drive with five pinch wheels for accurate material handling. All i-TECH Traffic Cutters are made of all steel and aluminum construction and have a closed membrane control panel which keeps dust and debris out. The Traffic cutters are equipped with an easy to learn interface and a continuous, open grit wheel channel allowing pinch wheel placement anywhere along the carriage which simplifies material setup and allows the use of any sized material.

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 Allen Direct CUT.

ADSI's Exclusive **Hot Tip Option** will give your i-TECH cutter the versatility to process the uncuttable! Efficiently process diamond grade reflective materials, synthetic fabric and more. It is a temperature controlled, heated stylus that cuts and seals the toughest materials with precision. With heat-sealed edges, moisture and dust are locked out of the media, preventing delaminating. Fabric edges won't fray when cut with a Hot Tip.

Available in 30, 36, 48, 60" models, and backed by a Two Year Limited Liability Warranty.



Maximum Frame Size	Media width less 1 inch (2.5cm) x 150 feet
Cutting Technology	Swivel knife; Tangential Emulation
Memory Buffer	2 MB
Realized Cut Speed	52 ips
Programmable Cut Speed	Selectable in 100 Steps
Acceleration	Selectable, 0.25 to 1G
Cutting Force	Selectable, 5.5 to 650 grams. Adjustable in increments of 100 steps
Knife Blades	45 Degree or 60 Degree
Pens	Roller Ball; Fiber Tip (HP Style)
Command Set	HPGL, HPGL/2
Interfaces	High-Speed USB/Ethernet
Media Types/Processed	Vinyl, screen print film, reflective, stencil, mask, magnetic, window tint, capton, etc.
Deluxe Stand	Steel construction; Media roll holder; Media catch baskets; casters.
Physical Dimensions	30" Cutter 49" x 17" x 13" (125x43x33cm) 36" Cutter 55" x 17" x 13" (140x43x33cm) 48" Cutter 67" x 17" x 13" (170x43x33cm) 60" Cutter 79" x 17" x 13" (195x43x33cm)
Weight	30" Cutter 60lbs, (27.0 kg) 36" Cutter 65lbs, (29.3 kg) 48" Cutter 90lbs, (40.5 kg) 60" Cutter 115lbs, (52.0 kg)
Media Width	30" Cutter 2.5 to 30 inches (6 to 76cm) 36" Cutter 2.5 to 36 inches (6 to 91cm) 48" Cutter 4.5 to 48 inches (11 to 122cm) 60" Cutter 4.5 to 60 inches (11 to 152cm)



56 Kendall Pond Road
Derry, NH 03038
603-216-6344
www.allendatagraph.com



All products made in The United States.
All specifications are subject to change.