



TECH  
**AXXIS**  
 DIGITAL LABEL PRINTER

The next revolution in short run digital label printing is now here. The iTech AXXIS Digital Label Printer by Allen Datagraph Systems Inc. (ADSI) is a complete, affordable digital label production solution that meets the needs of all converters and end users who have short run label requirements.

The roll-to-roll iTech AXXIS Digital Label Printer features an Epson B-500DN inkjet print engine that is capable of printing up to 20 feet per minute with a maximum resolution of 5760 x 1440 dpi. With a wide variety of available substrates, the iTech AXXIS Digital Label Printer can print in widths from 4 inches to 8.5 inches in rolls with a maximum outside diameter of 11 inches. And most important, the iTech AXXIS Digital Label Printer cost per label is amongst the lowest in the industry.

The Epson D-500BN printer is a testament to quality and reliability. The results are beautiful and professional looking labels with a wide color gamut, fantastic definition and deep, rich blacks.

To complete the iTech AXXIS Digital Label Printer, a Wasatch Software RIP adds several new dynamics to digital label production including cost estimating, variable data capability, custom color profiling and spot color replacement.

The iTech AXXIS Digital Label Printer provides end users with their own "in house" label print production solution that reduces their inventory requirements and costs. And for the professional converter, the iTech AXXIS Digital Label Printer enables them to provide their current customers with "value added" capabilities while responding to the increasing demand for high quality, short run, custom labels.

**Epson Printer**

|                          |   |
|--------------------------|---|
| Speed                    | Up to 20 feet per minute (6 meters per minute)                                  |
| Ink cartridge size       | Standard, High Capacity, Extra High Capacity                                    |
| Ink cartridge shelf life | 2 years from printed production   |
| Dimensions               | 19" x 19" x 12" (48 cm x 48 cm x 31 cm)   |
| Interfaces               | High-Speed USB/Ethernet   |
| Media Width              | 4 inches to 8.5 inches (10 cm to 22 cm)   |
| Resolution               | Up to 5760 x 1440 dpi   |
| Print Technology         | Epson Micro Piezo™ drop-on-demand inkjet  |
| Print Head               | Epson Variable-sized Droplet Technology and 3 pl – 11 pl Epson Ultra Micro Dot™ |

**Print Station**

|                       |  |
|-----------------------|--|
| Dimensions            | 30" X 52" X 18" (76 cm x 132 cm x 45 cm) |
| Weight                |  |
| Maximum Roll Diameter | 11 inches (28 cm)                        |

**Software**

Wasatch SoftRIP and Allen DIRECTcut windows driver  
 All software is compatible with Windows 2000, XP and Vista 32-bit operating systems



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All products made in America



**TECH**  
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DIGITAL LABEL FINISHER

The next revolution in short run digital label finishing is now here. The iTech AXXIS Digital Label Finisher by Allen Datagraph Systems Inc. (ADSI) is a complete, affordable digital label finishing solution that meets the needs of all converters and end users who have short run label finishing requirements.

The iTech AXXIS Digital Label Finisher is an all-in-one finishing solution that laminates, digital die-cuts without dies, strips and re-winds your labels. The iTech AXXIS Digital Finisher relies on the proven and revolutionary technology developed by ADSI to die-cut labels on-demand without the need for expensive dies. Or the delay in waiting for dies to be produced. Using the same vector based file data that would typically be "sent out" for die manufacturing, this data is opened in Adobe Illustrator and sent to the iTech AXXIS Digital Label Finisher. Finishing at speeds up to 12 feet per minute, the iTech AXXIS Digital Label Finisher uses plotting technology that can cut any die shape on the fly. This gives the user an unsurpassed amount of flexibility in label design.

The iTech AXXIS Digital Label Finisher's unique print to cut registration is accomplished via the SMARTMark Optical Registration System, where multiple marks can be scanned to automatically adjust the cut file to compensate for any skew or scale issues that may have been caused by material instability. SMARTMark technology insures precise label reproduction.

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|                                |  |
|--------------------------------|--|
| Contour Cutting                | Full HPGL vector cutting compatible with Smartmark opto-electrical line sensor |
| Drive Technology               | Digital servo  |
| Interface                      | USB/Ethernet   |
| End Point Accuracy             | 0.009843 inch (0.25 mm) or 0.1% of total                                       |
| Force, selectable in 100 steps | 10 to 550 grams  |
| Command Language               | HPGL   |
| Warranty                       | 1 Year   |
| Operating humidity             | Relative, 5% to 95%  |
| Operating temperature          | 32 to 117 F (0 to 40 C)  |
| Curve and Arc Smoothing        | Yes  |
| Test Plot Function             | Yes  |
| Test Cut Function              | Yes  |
| Pause/Resume                   | Yes  |
| Remote Panel                   | Yes  |
| Knife blades                   | Pivoting carbide tip - 30, 45 & 60 degree                                      |
| Material Width                 | 4 - 8.5 inch (10 cm to 22 cm)  |
| Max. Material Thickness        | .045 inch (0.11 cm)  |
| Max. Outside Roll Diameter     | 8.5" (22 cm)   |
| Cutting Technology             | Tungsten Carbide Swivel Knife  |
| Registration Resolutions       | .004 inch (0.1 mm)   |
| Material Feed Rate             | 0 to 2 inch per second (0 to 5.1 cm/seconds)                                   |
| Cut Speed (Maximum Diagonal)   | 52 Inches per second (132cm per second)  |
| Dimensions                     | 23" x 31" x 21" (58 cm x 78 cm x 53 cm)  |
| Weight                         | 110 lbs (50 kg)  |
| Power Requirement              | 100 - 230 volts AC 43-63 Hz. 6/3 Amps  |



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