



DIGITAL FINISHING SYSTEM



The Digital Finishing System from Allen Datagraph is a completely self-contained digital label finishing machine. The DFS laminates, digitally die cuts, slits, weeds and re-rolls finished goods.

The digital die cutting performed by the DFS eliminates the need for expensive steel rule dies, and also eliminates the inventory problems of stocking dies. It also enables the user to produce any custom label shape imaginable by using industry standard design software.

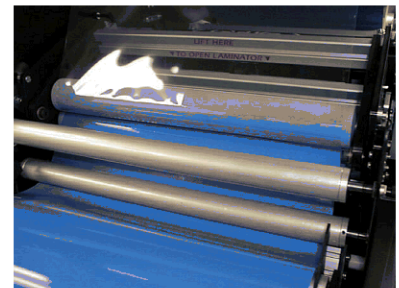
Allen's exclusive **SmartMark**[™] electro-optical target acquisition system will scan up to 3 registration marks and accurately adjust for scale and/or skew.

The **SmartMark**[™] system eliminates the need for manual bomb sighting. The registration marks used by the system are independent of the RIP or cutting software. The **SmartMark**[™] sensor need only be placed near the registration mark by use of the DFS Remote Joystick, and the system does the rest.

Four individually adjustable web tension drives allow the user to set the tension of the laminate, laminate waste take-up, weed waste take-up, and finished goods take-up.

Fully adjustable slitting station allows label stock to be cut into individual rolls of finished goods, ready for shipment to your customer.

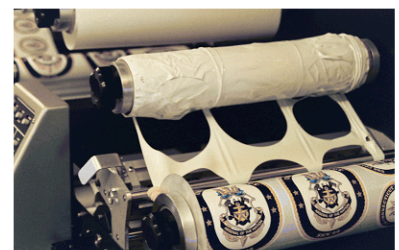
The DFS also has a standard vinyl cutter mode, to allow economical cutting of blank labels, vinyl lettering or graphics.



Laminates



Digitally Die Cuts



Weeds & Rewinds

Material Width	12 to 16 1/4 inch (102mm to 412mm)
Active Cutting Width	16 inches
Maximum Media Thickness	.045 inch
Drive Technology	Friction
Media Handling	Microgrit with Rubber Pinch Wheels and Edge Guides
Cutting Technology	Tungsten Carbide Swivel Knife
Mechanical Resolution	.0002 inch (.005mm)
Registration Resolution	.004 inch (.01mm)
Knife Options	30, 45, and 60 degree
Material Feed Rate	0 to 1 inch per Second (0 to 25.4mm/second) Synchronized to Printer Output Speed
Maximum Diagonal Cut Speed	52 Inches per Second (1320mm Per Second)
Acceleration	.25 to 4Gs balanced
Cutting Pressure Range	0.0 to 19.4 Oz. (0 – 550 Grams)
Cutting Pressure Resolution	Selectable- 100 or 1000 steps
Input Buffer	2 Megabytes Standard – Expandable to 8mb
Supply and Take-Up Tension	Infinitely adjustable From 0 to 30 lbs. (0-11kg)
Media Roll Length	50 yards
Dimensions	41”x 31”x 22” (105cm x 78cm x 56cm)
Weight	160 lbs. (73kg)
Power Requirements	100 – 230 Volts AC 43-63 Hz. 6/3/Amps
Software Command Set	HPGL/S Subset
Interface	RS-232 Serial
Contour Cutting	Full HPGL Vector Cutting Compatible with SmartMark Opto-Electrical Line Sensor

DIGITAL FINISHING SYSTEM SPECIFICATIONS

HYATT'S
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Hyatt's Graphic Supply Co., Inc.



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