

ALLEN DATAGRAPH

Model 536 MONUMENT SYSTEM

"...the preferred system for precision cutting sandblast stencil "

The Model 536 ...the Sprocket Cutter with Friction Drive!

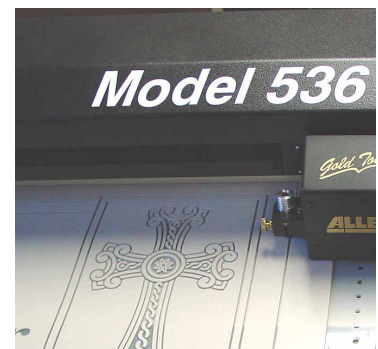


This dual drive system is an Allen exclusive! The Sprocket drives are engineered especially for processing sandblast stencil. They assure precision tracking, registration, and cutting. Switch to the friction mode to cut, draw or pounce your other media!

Versatility...means productivity!

Load the stencil size you prefer...the superb sprocket capability lets you easily adjust for 15 inch to 30 inch material. In the friction mode, the material range is 5 inches to 36 inches!

- The 536 has the Gold Touch™ cutting head, ...100 steps of digitally-controlled force, delivering a whopping 550 grams of force.
- Cut, Draw or Pounce...its not only a cutter...It's also a pen plotter and full-size pattern maker!



Gold Touch™ Cutting Head



Easy-to-Use Control Panel

Performance...

All cutting parameters are easily set up using a simple 2 to 3 key sequence. There's no compromise with the 536's full function control panel. Speed and Force adjust on the fly!

"Tangential Emulation" an internal software feature, allows the 536 to cut perfectly square corners in the heaviest of materials. *V-lines and corners are sharp and accurate.*

The 536 is compatible with the industry's leading design and layout software programs.

The Model 536...the one that does it all!

Allen Datagraph Cutters...always A Cut Above the Rest!

Model 536 MONUMENT SYSTEM

"...the preferred system for precision cutting sandblast stencil "

Model Summary

Media Width-A: (SandBlast Stencil).....15 to 30 inches (18 to 129 cm)
 Media Width-B (Other, Vinyls, etc).....5 to 36 (18 to 155 cm)
 Maximum frame size.....36 inches x 250 feet (152 cm x 63.5 m)
 Media Handling.....Adjustable Sprocket Feed / Microgrip Friction Feed
 Media punch patterns accepted (Stencil).....uniform (IBM)
 Media types.....Sandblast stencil, Paper, vinyls, Rubylith®,
Tyvek®, magnetics, reflective
 Drive Technology.....Digital Servo
 Cutting Technology.....Swivel Knife
 Resolution, addressable (HPGL).....0.000984 inch (0.25 mm)
 Resolution, mechanical.....0.000120 inch (0.003 mm)
 End Point Accuracy.....0.009843 inch (0.25 mm) or 0.1% of total
 Repeatability.....0.004 inch (0.10 mm)
 Speed, Maximum On-Axis24 ips (40 cm/s)
 Acceleration, selectable.....Balanced, 0.25 to 4G's
 Force, selectable in 100 steps.....10 to 550 grams
 Plot origin, selectable.....long X, long Y, center or center rotated 180°
 Buffer.....2 MB, expandable to 8MB
 Microprocessor.....Intel® RiSC 80960i
 Command Language.....HPGL
 Interface.....RS-232-C, parallel
 Emulation.....HP 7585/86
Functional Attributes / Features
 Vector Look Ahead.....Yes
 Curve and Arc Smoothing.....Yes
 Test Plot Function.....Yes
 Test Cut Function.....Yes
 Pause/Resume.....Yes
 Remote Panel (system set-up, control & diagnostics).....Yes
 Knife blades.....pivoting carbide tip, 45 & 60 degree
 Knife offset, selectable.....0 to 0.1 inch (0 to 2.5 mm)
 Pens available.....roller ball, felt or drafting (HP style)
 Pounce tip.....tool steel
 Pounce pitch, selectable.....0.01 to 1.0 inch (0.25 to 2.5 mm)
 Standw/roll feed, baskets and cradle
 Operating temperature.....32 to 117 F (0 to 40° C)
 Operating humidity.....relative, 5% to 95%
 Cutter size.....55 x 17 x 13 inches (201 x 43 x 33 cm)
 Cutter weight.....76 lbs (35 kg)
 Stand size, assembled.....37.5 x 17 x 31 inches (168 x 54 84 cm)
 Stand weight.....40 lbs (18 kg)
 Warranty.....2 Years



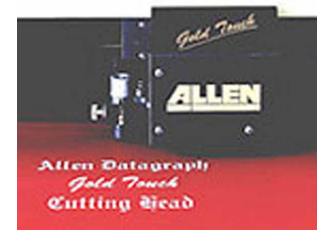
Sandblast Cutting



Plotting



Vinyl Cutting



Gold Touch Head

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