

# ALLEN DATAGRAPH

Technical Support Bulletin (Last update 3-8-6)

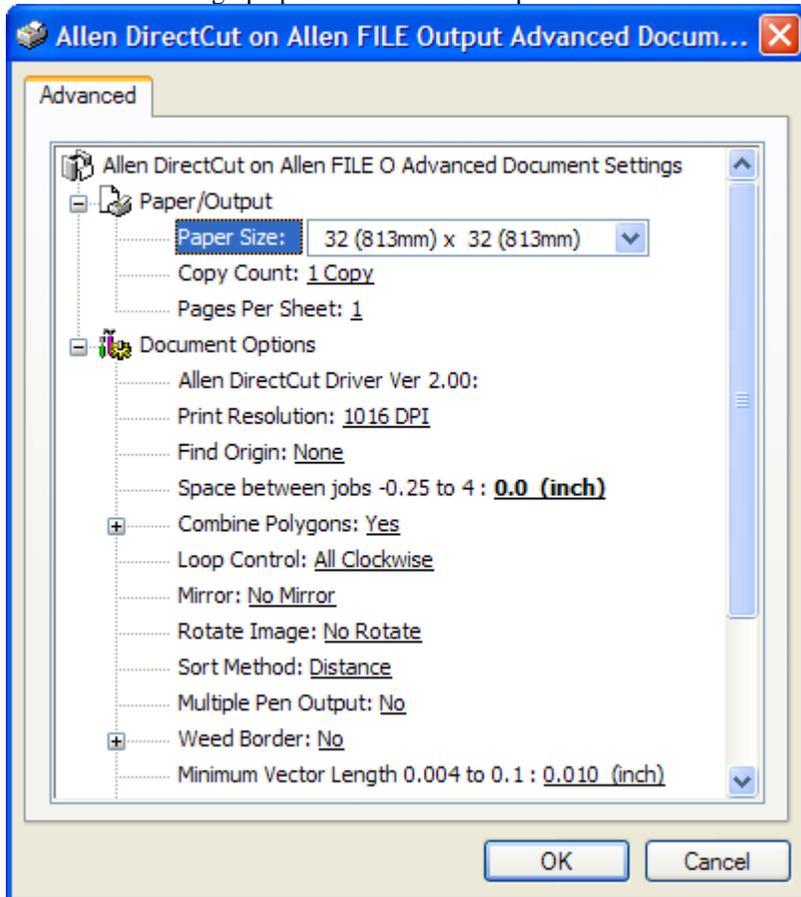
## Manual Contour Cutting without SmartMark Option

Abstract: This TSB shows how to send a contour cut to the cutter with CorelDraw. Requires digitizing site and firmware dated later than 1-24-03. E.g. All i-TECH cutters and Allen cutters with firmware version 2.17 or later

I used CorelDraw to make 5 6x1 rect for print.cdr which are also targets and printed this on my laser printer

I deleted 4 extra images from print image and rotated the image 90° and made the image unfilled and saved as 1 times 6xa rect for cut ro 90.cdr

I used the allendatagraph printer driver with output set to file to create the output using the options below



This generated the file:

BJ1;

PUPA890,127PRPD-763,0 0,5842 763,0 PA890,127;

PUPA1016,0PRPD-1016,0 0,6096 1016,0 PA1016,0;

PUPA1016,0PRPD;

PRPU0,0;

PG0;

or you can use the corel draw export function to generate this file which is equivalent.

IN;  
VS32,1;  
VS32,2;  
VS32,3;  
VS32,4;  
VS32,5;  
VS32,6;  
VS32,7;  
VS32,8;  
WU0;  
PW0.350,1;  
PW0.350,2;  
PW0.350,3;  
PW0.350,4;  
PW0.350,5;  
PW0.350,6;  
PW0.350,7;  
PW0.350,8;  
LT;  
SP1;  
PU2117 962;  
PD2117 7058;  
PD1101 7058;  
PD1101 962;  
PD2117 962;  
PU1991 1089;  
PD1991 6931;  
PD1228 6931;  
PD1228 1089;  
PD1991 1089;  
SP0;

I then opened either file with hpgl display program.

I loaded the printed sheet in cutter so 11 inch dimension went in and out.

Installed digitizing site

I set the com port with setup -> com port -> (select port cutter is attached to)

I used the action -> digitize origin , skew, scale and send plot

I joysticked to the lower right clicked on ok

Cutter moved near to upper right. I jogged it a bit to get to up upper right. I clicked on ok

Cutter moved near upper left. I jogged it a bit to get to upper left

I changed to a knife blade

I clicked on ok

The cutter cut the contour.