



Adjusting Space Between Jobs

Centra, Axxis HS, and Talon

When operating the ADSI label finishers, one of the most important parameters to ensure accurate cutting from frame to frame is the space between jobs setting. This setting determines the distance that the sensor will advance after cutting each frame to begin scanning for the next registration mark. If the space is too long, the sensor will scan too far ahead of the registration mark, either in a completely white area of the material, or it potentially can pick up the trailing edge of the mark when it should be picking up the leading edge of the mark. Conversely, if the distance is too short, the sensor will scan on a white area and produce a Tar1 error, which is correctly called a Target Error. If using multiple registration marks, the target error may read Tar1, Tar2, or Tar3, depending on which registration mark it has missed during its scanning process, Tar1 means it missed the origin mark, Tar2 means it missed the Skew mark, Tar3 means it missed the Scale mark..

The space between jobs can be set in the DirectCut driver properties prior to sending the job to the finisher, but can also be adjusted after the fact if the value entered when saving the file is incorrect. This setting is found in the Remote Panel Program.

To access this menu: click on HOME>Cutter Menu (Cutting head area in Centra Panel, Control Panel display area in Axxis and Talon panels)>Smart Mark menu. The button below in Fig. 1 will be located on the left side of the Smart Mark menu. Click on that button, and you will be brought to the screen shown in Fig. 2. Depending on the error seen, you will adjust the setting up or down according to the amount of error short or long that the sensor is missing the mark by. Correct adjustment of this setting will cause the sensor to scan in the center of each mark in the x and y axes, and produce no target errors.

Figure 3 below illustrates the correct positioning of the blade holder AFTER cutting one frame. Use the blade holder location to determine whether your job spacing is correct, and adjust job spacing according to the amount of error you see, whether too long or too short.



Fig. 1

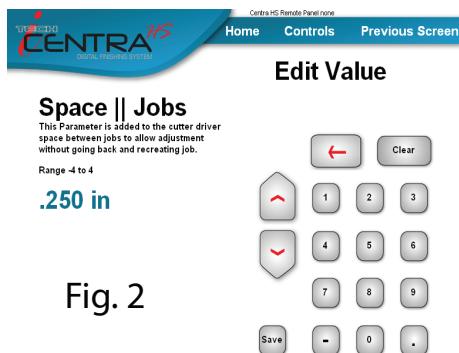


Fig. 2

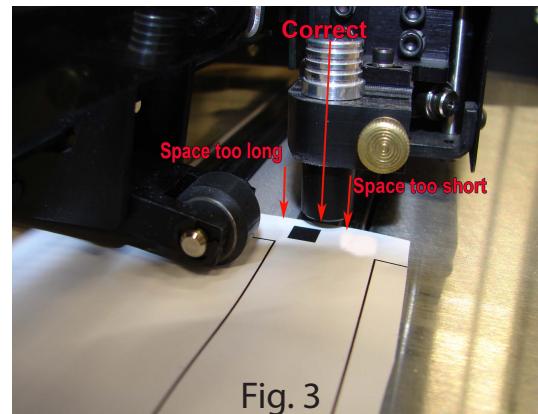


Fig. 3

