

Blade Adjustment

1-1 Blade Adjustment

- ◆ Adjust the blade carrier (out) until the blade does not protrude out the bottom of the carrier.
- ◆ Take a small scrap of vinyl and drag the carrier over the vinyl. Adjust the blade carrier in 1/8 of a turn and drag across the vinyl.
- ◆ Repeat until the blade cuts through the vinyl and NOT the backing. The blade depth is now set.
- ◆ Install the blade carrier in the rear hole of the arm and seat so the blade carrier collar is firmly against the arm. Tighten arm set screw.

1-2 Blade Adjustment

- ◆ Place scrap of vinyl in the cutter and turn on.
- ◆ Take cutter off-line and move origin to a close corner of the vinyl.
- ◆ Adjust pressure to 100 and return to the Origin (X,Y) screen.
- ◆ Press the 'Pause' button to create a small test square.

1-3 Blade Adjustment

- ◆ Raise the arm using the “up” button and advance vinyl to check the cut.
- ◆ If it does not weed cleanly or isn't cut through, increase the pressure by 10 and test cut another square.
- ◆ Repeat pressure adjustment and Test Square as necessary.
- ◆ ***Remember to adjust the pressure while the arm is in the UP position.***

2-1 Blade Care

- ◆ To prevent adhesive build-up, clean blade occasionally with alcohol or solvent.
- ◆ Inspect carrier regularly to assure no small pieces of vinyl or debris restrict the movement of the blade.
- ◆ Occasionally lube the carrier bearings with light oil to insure the blade spins freely.

3-1 Blade Types

- ◆ 20°/30° - Used for light material such as window tint and films
- ◆ 45° - Used for most types of cast and calendared vinyl. Most commonly used degree of blade.
- ◆ 60° - Used for thicker materials and small and intricate fonts and designs.
- ◆ “Blade Offset” is set in the software.

The End

Please review our tutorials for more information on particular features.

<http://www.cutterpros.com/downloads> for further information.

To speak with a technician, email techsupport@cutterpros.com or call 888-828-8776 x227

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