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.


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

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