

**DAS<sup>TM</sup>**  
**MULTI-DECORATION**  
**SYSTEM**

## ***Basic Cutter Operation***

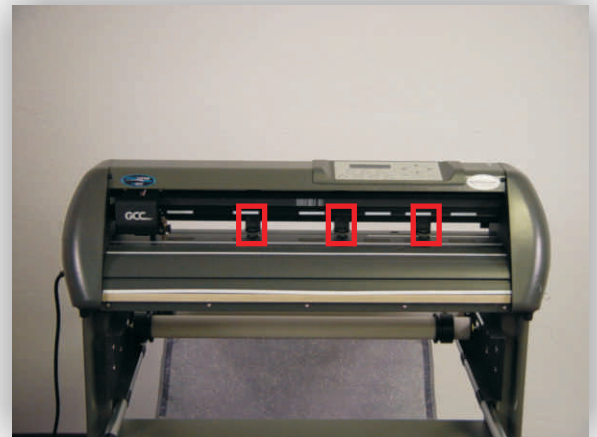
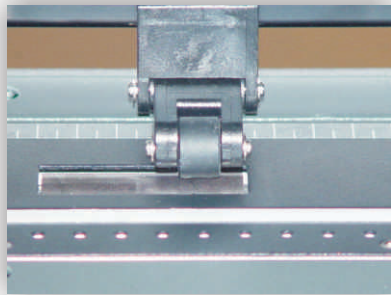
*This guide will cover:*

- Main Parts of the Cutter
- How to Load Material
- Anatomy of a Blade Holder
- Adjusting Blade Depth

# Main Parts of the Cutter

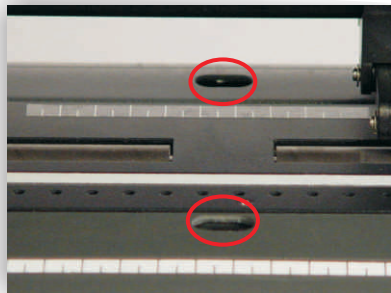
**These are called the pinch rollers.**

The pinch rollers hold the material in place and allow for even tracking of the material.



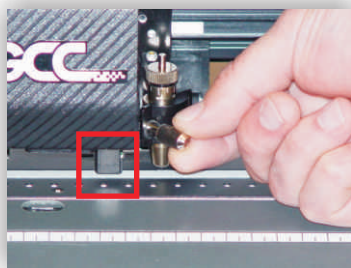
**These are the material sensor eyes.**

These oval shaped eyes let the machine know when it is loaded with material. These eyes also help when sizing the material in your software.



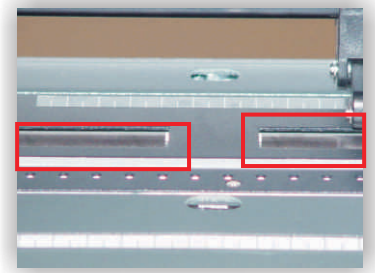
**This is the cutting head of the machine.**

This piece is what actually does the cutting. It houses the blade holder and blade as well as an optical eye. The optical eye is used for print and cut applications (shown below in picture).



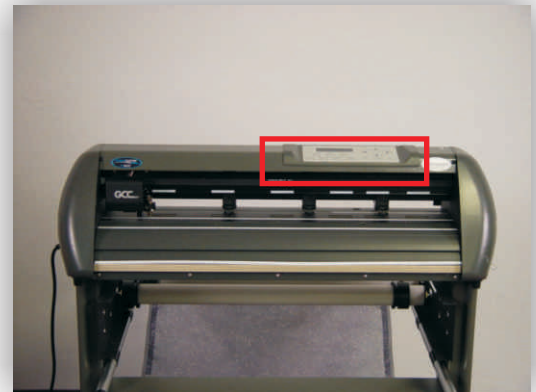
**These are called the grit rollers**

These metal textured rollers are what feed the material forward and backwards.



**This is the LCD control panel for the cutter**

This is the main control panel for the machine. Using this you can perform test cuts, change values on the machine and set different origin point on the material.



**This is the media loading lever**

This lever is either pushed towards the back of the machine to lock the pinch rollers down on the material holding it in place, or pulled towards the front of the machine lifting the pinch rollers up so the material can be loaded or unloaded.

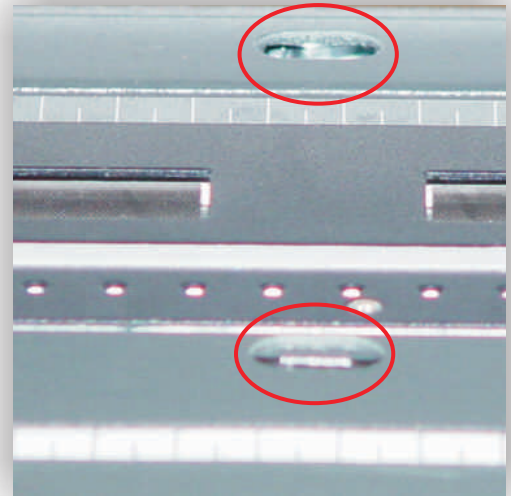


# How to Load Material

**First locate the lever to the right of the LCD on the cutter**  
Make sure that this is pulled in the up position (towards the front of the cutter). This will lift the pinch rollers up so the material can be loaded into the machine.



**Next locate the two oval eyes on the cutting surface of the machine.**  
These oval eyes are what read the material and tell the machine that it is loaded correctly. The material needs to be to left and right of the eyes.

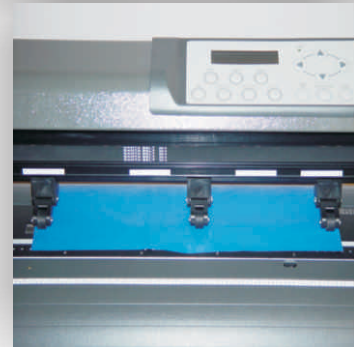
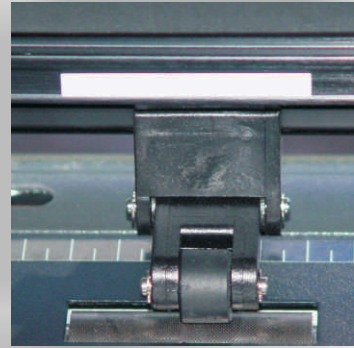
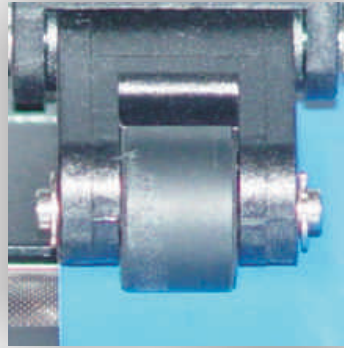


**Grab the roll of material you wish to cut.**  
The material must be loaded from the back of the machine towards the front. Make sure that the vinyl side is face up (facing you).



**Locate the pinch rollers on the machine and move them into the proper position.**

The two pinch rollers on the outside must remain on the outside edges of the material under one of the white dashes ( the white dashes represent the grit rollers). If you have three pinch rollers the one in the middle must always remain in the middle of the material.



**Locate the lever to the right of the LCD on the cutter.**

Push the lever into the down position (towards the back of the cutter). This will lock the pinch rollers down onto the material so you can begin to cut.



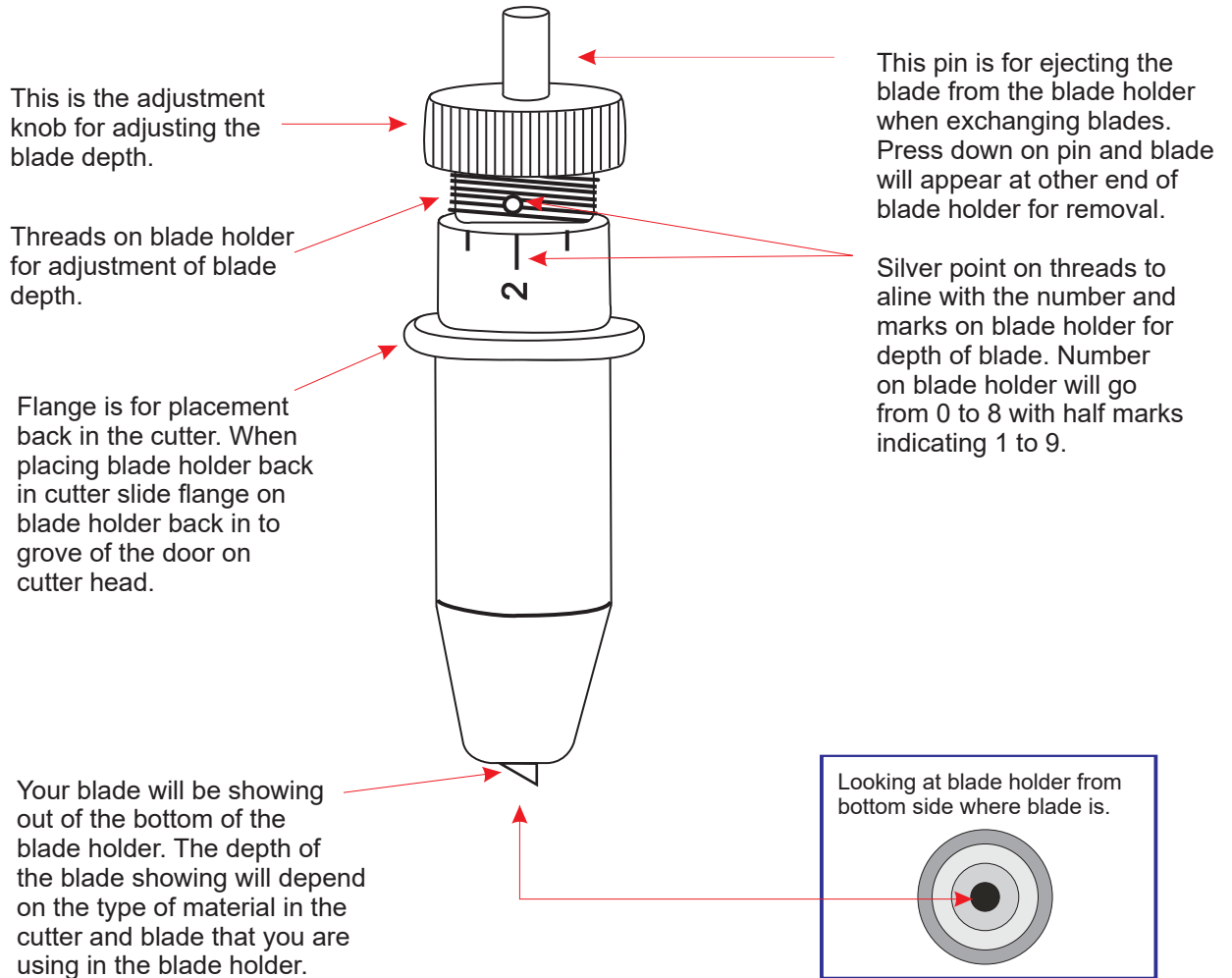
**Locate and look at the LCD on the cutter**

Press the corresponding arrow key for the material you loaded. You will need to select roll, edge or single.



## Anatomy of Blade Holder and The Blades....

Note: Do Not take the blade holder apart for any reason.



## Types of blades....



GCC 45 degree blade - Notice a lower angle on the blade area and a larger shank area around the blade.

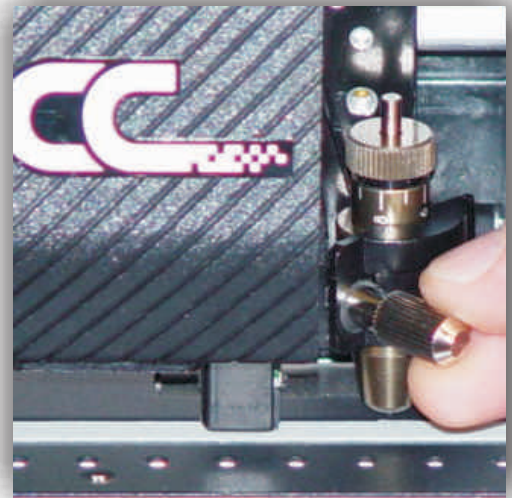


GCC 60 degree blade - Notice a steeper angle on the blade area and a small shank area around the blade.

# How to Adjust the Blade Depth

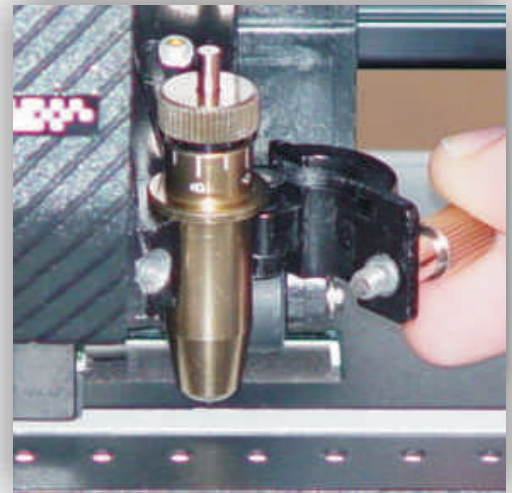
## First locate the blade holder in the cutter

The blade holder is located in the machine on the cutting head that is labeled GCC.



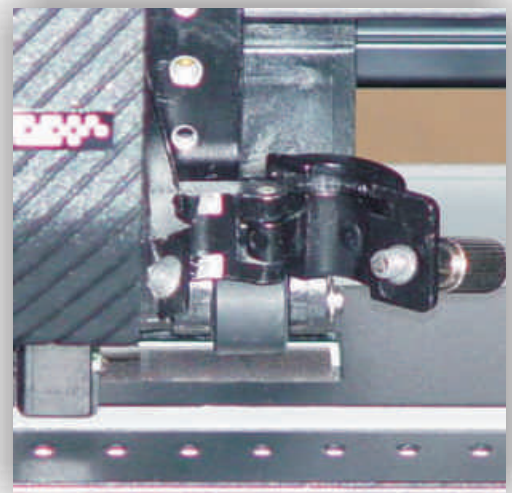
## Unlock the blade holder from the machine

The blade holder will be held in place by a screw or a clip on a hinged door. Please unscrew or unclip this.



## Remove the blade holder from the machine

After unclipping or un-screwing the blade holder it should lift right out of the harness it was locked into.



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**The blade holder will consist of two pieces screwed together.**

Look for the thread pattern on the blade holder joining the two pieces together.

**Note: Do Not Take the Blade Holder Apart for any reason!**



**Getting the blade to come out further**

If you twist the top piece of the blade holder clock-wise, you will notice the blade being forced out further.



**Getting the blade to recess into the blade holder.**

If you twist the top piece of the blade holder counter-clock wise, the blade will recess further back into the blade holder.

