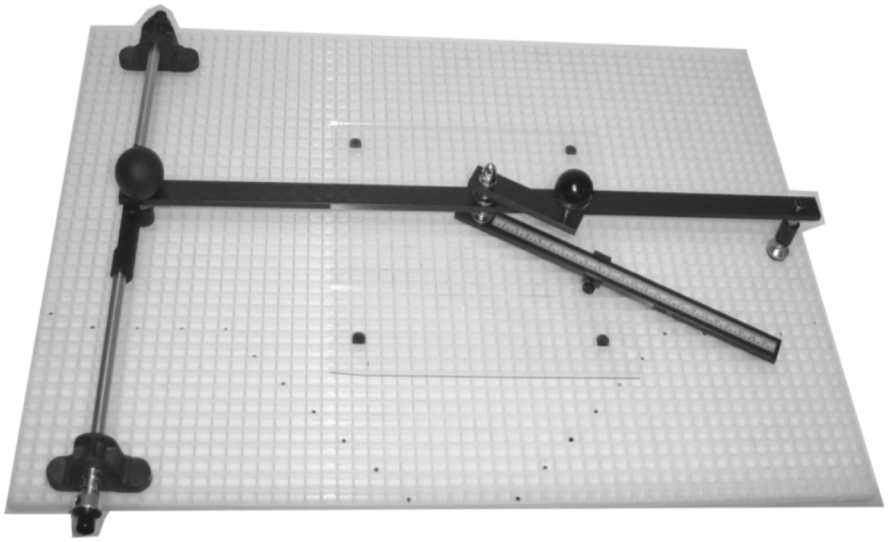
Owner's Manual



Circle Pro

Manufactured by
Creator's Stained Glass
Ingleside, IL
www.cuttersmate.com
Made in the USA

Circle Pro Set-Up

1. Space the **black bushings** on the slide bar approximately five inches apart. and clip the Circle Pro to these.

2. Position the slide bar with **pillow blocks** spaced as far apart as possible. This will prevent a sliding motion while scoring your circle. Also note that there is a **thumb screw on** the **slide clip.** See illus. page 3. Tighten the **thumb screw** firmly to prevent the slide clip from moving on the **slide bar. Be sure** to loosen the **thumb screw** on the **slide clip** before removing the CirclePro from the **slide bar**.

3. Set the pointer of the cutter head assembly to the desired diameter. The inch and centimeter indicators on the ruler are in half-scale. If you set the pointer to the number 2, you will get a 2" diameter circle. What you set the pointer to, is exactly the diameter you will achieve.

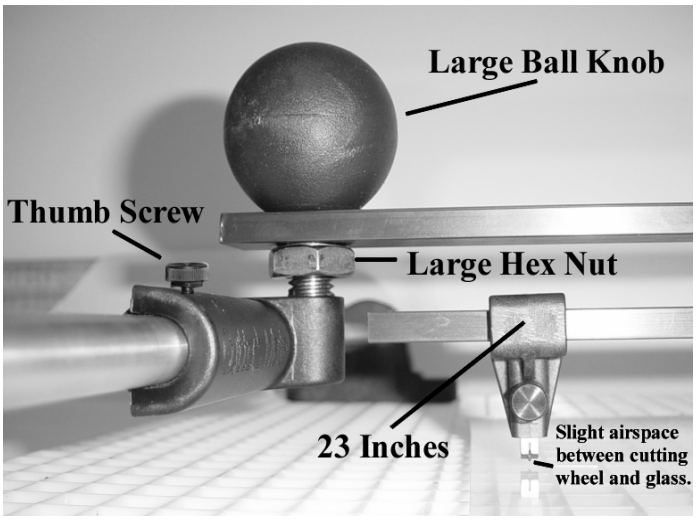
Note: See large illustration on pages 4 and 5.

Circle Pro Height Adjustment

1. You will want the cutting head just above the glass when no pressure is applied to the ball handle. This will allow you to rotate the cutting head freely (with no downward pressure) over the glass to get the desired piece of glass for your project. It also allows you to be sure the cutting wheel is going to be in contact with the glass at all points of the diameter.

2. Set the cutting diameter to the 23-inch mark.

3. Loosen the **large ball knob** on the **slide clip.** Adjust the **large hex nut** up or down by turning clockwise or counter-clockwise until the desired height of the cutting head is made. Remember that the cutting wheel need only be slightly above the glass in this relaxed position. Make sure the Circle Pro stays perpendicular to the **slide bar**. Then tighten the **large ball knob** firmly.



Using the CirclePro

1. If you are using the Morton System, you may plug the **rubber bumpers** provided in an area outside the diameter being cut. Do not place them less than the diameter as this will cause the glass to move. These bumpers will prevent the glass from slipping. Four bumpers are adequate for small diameters. You may wish to use more **bumpers** for larger diameters (over 12 inches). If you are cutting on any other surface you may have to steady the glass with your free hand.

2. Position the arrows on top of the cutting head assembly to the desired diameter. Tighten the top thumb screw gently.
Note: *Do not over-tighten.*

3. Position your glass for your desired diameter under the cutting head.

4. You may want to lubricate the cutting wheel by dipping it into an oil soaked sponge or a small cap with cutting oil in it.

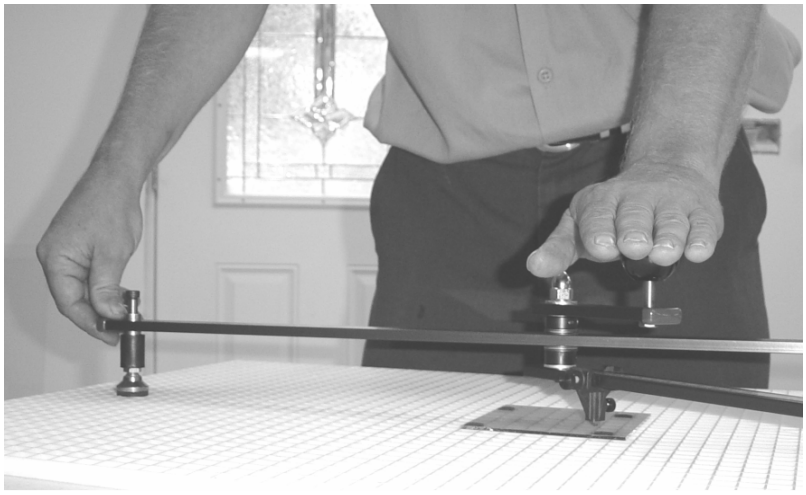
5. It is easiest if you start the score parallel to the **center bar**. This will give you a good reference point for a starting and finishing point of the score line.

6. Press down firmly on the **small ball knob** and make your score. You will know you have the correct pressure when the spring compresses completely on the cutting head.

Scoring Small Diameters

If you are scoring diameters less than 3 inches, it is recommended that you depress the spring loaded side of the longest arm with one hand. With the other hand, press **SLIGHTLY** on the small ball knob and run your score. The reason for doing this is due to the cantilever action of the handle.
After a few practices with this method, you will understand the concept.

See illustration below.



Replacing the Toyo TC-10H Cutting Head

1. Loosen the **thumb screw** on the **cutting head assembly** just enough for the cutting head to be removed. **Be sure to retain the spring that is in the old cutting head !**

2. Remove the Phillips screw from the new cutting head

3. Place spring inside new cutting head.

4. Press into opening with ledged side toward **thumb screw**.

5. Compress completely until cutting head bottoms out.

6. Tighten **thumb screw**.

7. Back out **thumb screw** just slightly until the cutting head just pops up. The ledge we referred to in line # 4 is now just resting against the **thumb screw**. The cutting head should now compress freely without coming out.