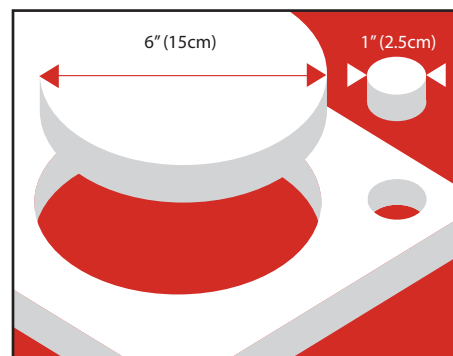


INSTRUCTIONS CIRCLE CUTTER Model XTA8001

Cut perfect circles from 1" to 6" (2.5cm to 15cm) diameters in suitable Cosplay materials. Center depth indicator shows blade progression for suitable material thickness up to 1/2" (13mm). Features dual inch/metric rail, centering pin, magnetic blade slot and clear acrylic safety dome. Use replacement blades XA-5 or XA-20.



Cuts suitable cosplay material from 1" to 6" (25.44 to 152mm), and depths of 1/8" to 1/2" (3.2 to 12.7mm).



BLADE INSTALLATION

- 1 Center the blade block in the opening of the Safety Dome for easy access.
- 2 Remove the Blade Holding Knob and Blade Cover Plate. position the new blade in the blade channel, being careful to match the blade's position to the blade icon shown on the Blade Block (Fig. 1).
NOTE: A magnet in the Blade Channel will help to position the blade.
- 3 Replace the Blade Cover Plate with arrow pointing down and reattach the Blade Holding Knob. If you removed the Scaled Cutting Beam, replace now.

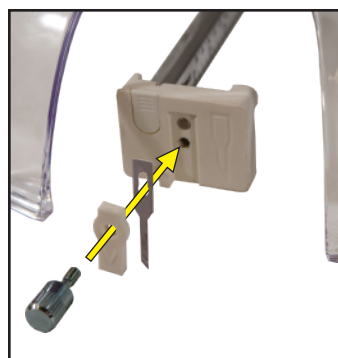


Fig 1



Fig 2

CUTTING

- 1 To set circle size, loosen the Beam Adjustment Knob and set the Scaled Cutting Beam to the desired circle diameter. Read the Scale to the right of the Beam Block. Tighten the Beam Adjustment Knob (Fig. 2).
- 2 Make sure the blade is in the highest position by turning the Cutting Knob on the Cutting Handle counterclockwise.
- 3 Position the centering pin on the desired location. Grip the Circle Cutter with one hand on the Hand Grip Ridges, the other on the Cutting Knob. Turn the Cutting Handle clockwise in a continuous motion (Fig. 3) The Board Depth Pin will lower the same depth as the blade progresses through the material. You will feel additional resistance as the blade reaches the scrap foam board under your work. Your circle cut is now complete. Reset blade before setting down the cutter. Stand the Circle Cutter on its side. With one hand on the Hand Grip Ridges, turn the Cutting Knob in a counterclockwise position until the blade returns to the highest position (Fig. 4).
- 4



Fig 3

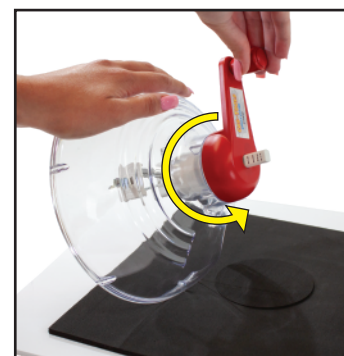
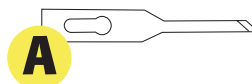


Fig 4

NOTE: Make sure to use foam board underlayment when cutting.

Use replacement blades XA-5 or XA-20

CAUTION: BLADES EXTREMELY SHARP



Cuts V-grooves in suitable Cosplay materials to perfection using the Cos-Tools V-Groove Cutter. Features include adjustable blade depth, quick change blade clips, magnetic blade slot, on-board blade storage drawer and six extra blades. Use replacement blades XC-5, XC-20.

BLADE INSTALLATION

- 1 Blades are stored in the Blade Storage Drawer, located on the back side of the cutter. To open, squeeze the sides of the Blade Storage Drawer and pull (**Fig. 1**).
- 2 Remove yellow Blade Clip by pushing clip forward.
- 3 Place the blade in the blade depression, aligning the blade tip with the angle in the indentation.
- 4 Replace Blade Clip, making sure the open end is to the top. Slide upward until the clip snaps in place (**Fig. 2**). Repeat for the blade on the opposite side.



Fig 1

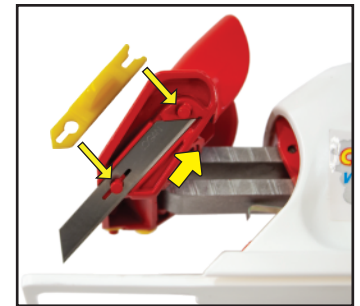


Fig 2

BLADE DEPTH SETTING

- 1 The blade can be raised or lowered by turning the Blade Adjustment Knob found on the back of the cutter (**Fig. 3**).
- 2 Turn the Blade Adjustment Knob to the right to raise the blades or to the left to lower the blades. Look at the bottom of the V-Groove Cutter to see a scale that provides a rough guide to the blade position (**Fig. 4**).



Fig 3



Fig 4

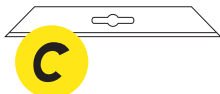
TIP: Some settings, the V-Groove cutter may cut completely through the material. We suggest you to make a test cut on scrap material to check depth. Note that the V-Groove cutter cannot cut completely through 1/2" (13mm) material (**Fig. 5**).

CUTTING

- 1 Using the Channel rail (sold separately), lightly mark the material to indicate where to cut.
- 2 Position the Channel Rail on the material. Hook the cutter on the channel guide. Align the tick marks located on the front and the back of the cutter with the previously marked line (**Fig. 6 & Fig. 7**).
- 3 With the blade positioned off the top edge of the material, press the cutting head downward. With the cutting head fully depressed, pull the cutter backwards along the Channel Rail and continue along the length of the material (**Fig. 8**).

NOTE: Make sure to use foam board underlayment when cutting.

Use replacement blades XC-5 or XC-20



CAUTION: BLADES EXTREMELY SHARP

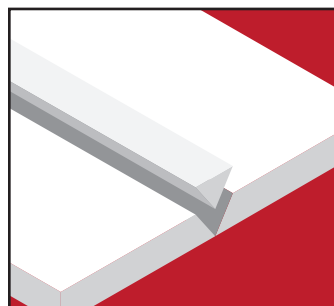


Fig 5

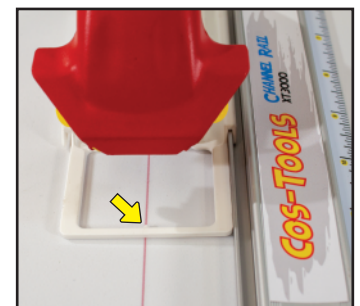


Fig 6

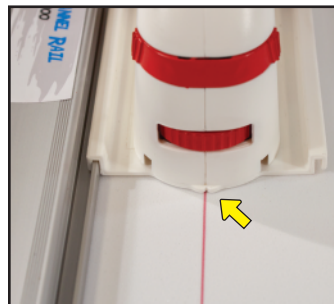


Fig 7



Fig 8

Cut perfect 90 degree straight edges on any depth of suitable Cosplay materials up to 1/2". The Cos-Tools Straight Cutter features adjustable blade depth, quick change blade clip, magnetic blade slot, on-board blade storage drawer and five blades. Use replacement blades XC-5, XC-20.

BLADE INSTALLATION

- 1 Blades are stored in the Blade Storage Drawer, located on the back side of the cutter. To open, squeeze the sides of the Blade Storage Drawer and pull (**Fig. 1**).
- 2 Determine left or right hand use. Blade on the right side is for left handed use, while the blade on the left side is for right handed use (**Fig. 2**).
- 3 Remove yellow Blade Clip by pushing clip forward and then lifting out (**Fig. 3**).
- 4 Place the blade in the blade depression, aligning the blade tip with the angle in the indentation. A magnet will help hold the blade in place.
- 5 Replace Blade Clip, making sure the open end is to the top. Slide upward until the clip snaps in place (**Fig. 4**).

BLADE DEPTH SETTING

- 1 The blade can be raised or lowered by turning the Blade Adjustment Knob found on the back of the cutter (**Fig. 5**).
- 2 Turn the Blade Adjustment Knob to the right to raise the blades or to the left to lower the blades. Look at the bottom of the Straight Cutter to see a scale that provides a rough guide to the blade depth position (**Fig. 6**).

CUTTING

- 1 Align the Channel rail (sold separately) where you want to cut.
- 2 Hook the cutter on the channel guide (**Fig. 7**).
- 3 With the blade positioned off the top edge of the material, press the cutting head downward. With the cutting head fully depressed, pull the cutter backwards along the Channel Rail and continue along the length of the material (**Fig. 8**).

NOTE: Make sure to use foam board underlayment when cutting.

Use replacement blades XC-5 or XC-20



CAUTION: BLADES EXTREMELY SHARP



Fig 1

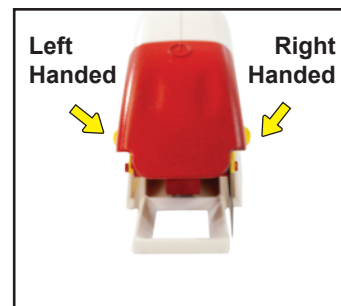


Fig 2



Fig 3

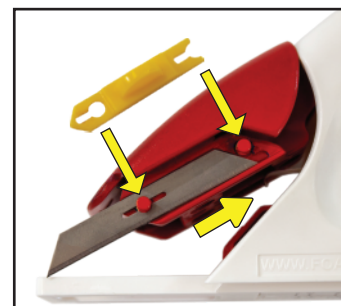


Fig 4



Fig 5

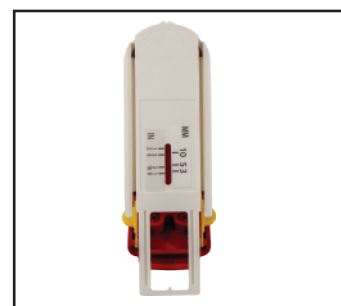


Fig 6



Fig 7



Fig 8

HOLE DRILL

DRILL INSTALLATION

- 1 Twist the drill tip counterclockwise to unlock and remove from base (Fig. 1).
- 2 Insert a new drill tip into the base making sure the tabs line up with the holes in the base. Twist clockwise to lock in place.

CUTTING

- 1 Start with the Drill retracted under the clear dome.
- 2 Place the Hole Drill with Drill Cover over where you want to cut a hole (Fig. 2).
- 3 Slowly rotate the base clockwise to drill until you go all the way through the material. You will feel additional resistance as the blade reaches the scrap foam board under your work (Fig. 3).
- 4 Lift the Hole Drill up and press the plunger to remove the material from the Drill Tip (Fig. 4).

Fig 1



Fig 2

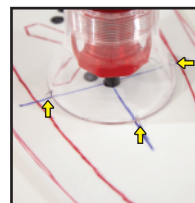


Fig 3

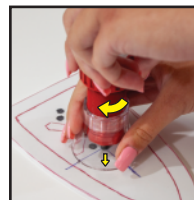


Fig 4



FREESTYLE CUTTER



BLADES XB-5, OR XB-20

BLADE INSTALLATION

- 1 Remove the blade storage cover, and take out a blade (Fig. 1).
- 2 Unscrew the Blade Guard from the Cutting Head of the Freestyle Cutter.
- 3 Place the blade into the Blade Cutout on the cutting head, making sure the blade edge is facing away from the cutter head. Replace the Blade Guard back into place and tighten screw (Fig. 2).
- 4 Blade cover rotates open for cutting and closed for safety covering the blade tip (Fig. 3).

CUTTING

- 1 Grip and push cutter to cut. can be used freestyle or with a straight edge (Fig. 4).
- 2 Keep the cutter flat with even downward pressure on the tip where the blade sits for best results.

Fig 1

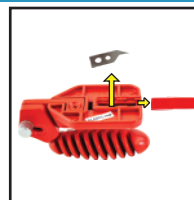


Fig 2



Fig 3

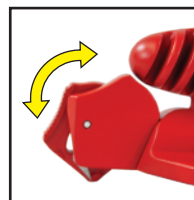
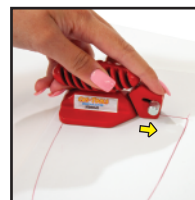


Fig 4



STRAIGHT/BEVEL CUTTER



BLADES XC-5, OR XC-20

BLADE INSTALLATION

- 1 Remove the Blade Storage cover located at the tip of the handle, and take out a new blade (Fig. 1).
- 2 Unscrew the Blade Locking Screw from the Sliding Nut.
- 3 Place blade into the blade groove, making sure the hole in the blade lines up with the hole in the Sliding Nut. Replace and tighten Blade Locking Screw (Fig. 2).

CUTTING

- 1 Loosen Blade Locking Screw.
- 2 Adjust the blade depth by extending blade past the material. Cut by pulling toward you either against a straight edge or freestyle.
- 3 Retract blade when finished cutting.

CHANGE ANGLES

- 1 Loosen the screw holding the Base Block in place.
- 2 Pull on the Base Block, and rotate the block (Fig. 3).
- 3 Choose between 45° or 90° (Fig. 4). Tighten screw to lock it in place.

Fig 1



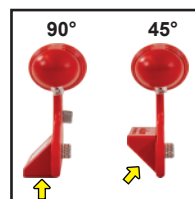
Fig 2



Fig 3



Fig 4



KNIFE



BLADES XD-10

CUTTING

- 1 Loosen Blade Locking Knob and slide the blade out the front of the knife to desired length (Fig. 1).
- 2 Lock in place by tightening knob.
- 3 Cut by pulling knife towards you either free hand or with a straight edge.

CHANGING BLADE

- 1 Loosen Blade Locking Knob three full turns, and slide blade out the back of the Knife.
- 2 Place blade onto Blade Holder, aligning the hole in the blade with the pin on the holder (Fig. 2).
- 3 Insert blade and Blade Holder back into knife and tighten knob to secure.

Fig 1

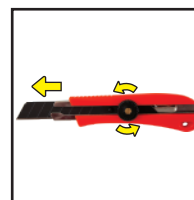


Fig 2



NOTE: Make sure to use foam board underlayment when cutting.

CAUTION: BLADES EXTREMELY SHARP

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