Evolution3 FreeHand User Guide – Make your first cut

KEENCUT

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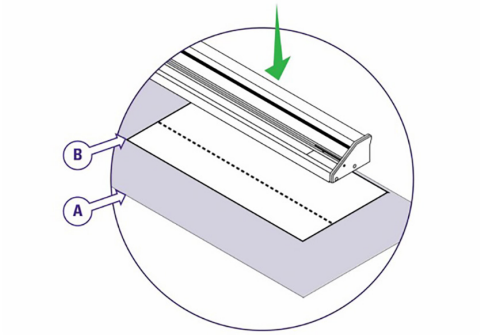
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1. Make your first cut

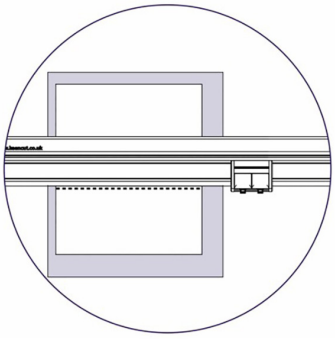
1.1 Align and clamp the material

IMPORTANT: You must use a cutting mat for any cutting, creasing, or scoring process to prevent damage to the work surface.

See how to align and clamp the material in this video >



Place the cutting mat (A) on the work surface then the material to be cut (B) making sure the whole length of the cut line is over the cutting mat. Place the FreeHand on the material near to the cutline.



Lift and move one end of the cutter so the sightline strip (clear plastic strip running along cutting edge of the FreeHand) aligns with the cut line, then repeat at the other end. Look down vertically and check the sightline strip aligns with the cut line before making the cut.
Further cutting information is given in the sections under relevant tool heads.
See Double Graphik cutting techniques >
See the Fabric tool head cutting techniques >
See the Creaser tool head creasing techniques >
See the Rocker tool head cutting techniques >

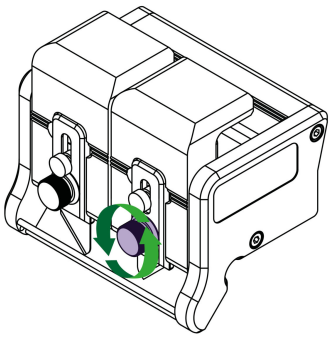
1.2 Introduction to the Double Graphik tool head

See how to use the Double Graphik tool head in this video >

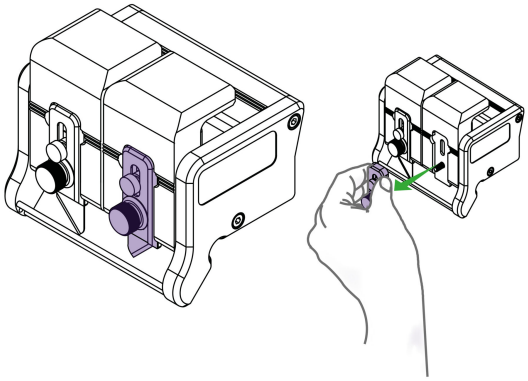


QuikSwap Graphik tool head for Evolution3 cutters, with two individual blade holders for two way cutting. Graphik blades are stronger and more stable than regular blades. Ideal for vinyl, banner, cardboard, PVC foamboard up to 13mm (½″), foam-centred board, corrugated plastic, paper, pop-up and roll-up materials.
This head is supplied as standard with all Evolution3 cutters.

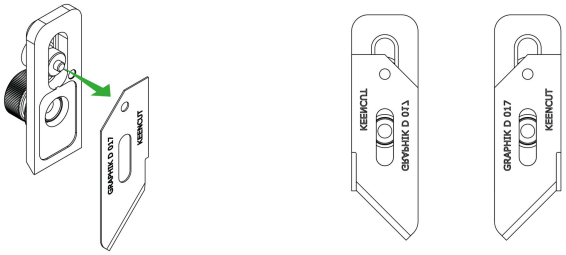
1.3 Insert Graphik blades into the Double Graphik tool head



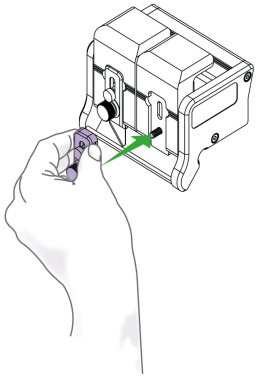
Undo the highlighted knob to remove the magnetic blade clamping plate.



Pull the magnetic blade clamping plate away from the cutting head.



Insert a Graphik blade, check it is facing the correct way for your desired direction of cutting. Place the small pin in the hole at the top of the blade and align with the edge of the clamping plate.

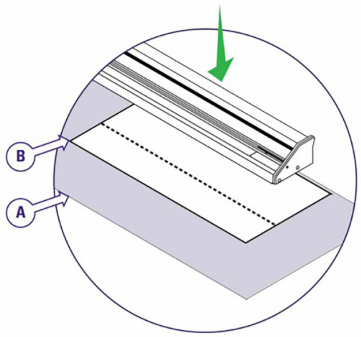


Replace the blade clamping plate onto the blade holder but do not tighten fully until the blade depth has been set (see how to adjust the blade depth >).
Repeat on the other blade holder if required.

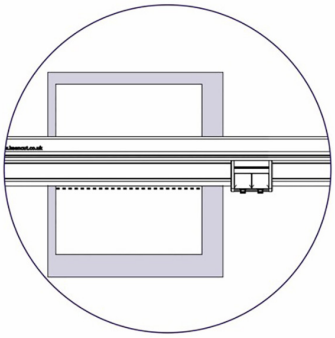


1.4 Double Graphik tool head cutting technique

IMPORTANT: You must use a cutting mat for any cutting, creasing, or scoring process to prevent damage to the work surface

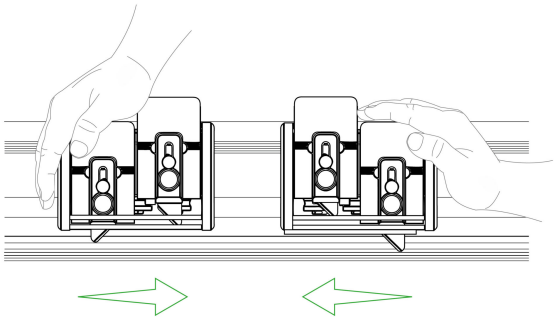


Place the cutting mat (A) on the work surface then the material to be cut (B) making sure the whole length of the cut line is over the cutting mat. Place the FreeHand on the material near to the cutline.



Lift and move one end of the cutter so the sightline strip (clear plastic strip running along cutting edge of the FreeHand) aligns with the cut line, then repeat at the other end. Look down vertically and check the sightline strip aligns with the cut line before making the cut.



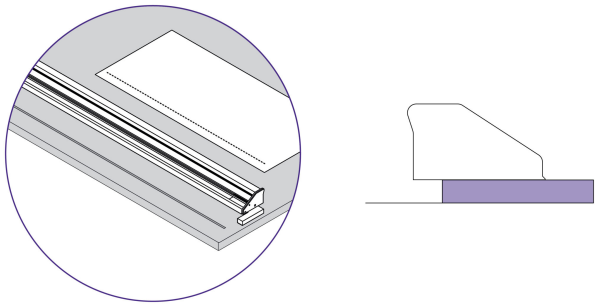


The cutting head can be pulled or pushed to cut the material. Load and align the material to be cut as described in the 'clamping material' section (see how to align and clamp the material >), press down the chosen blade holder whilst pushing/pulling the cutting head along the cutter bar.

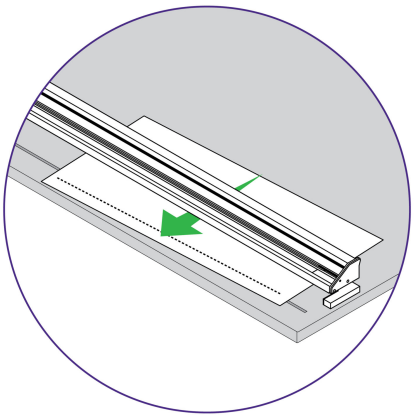
Tip: Only finger pressure is needed to hold the blade holder down, if after making the cut the blade holder has risen and the blade not cut through simply cut again. This could be an indication the material should be cut in two strokes using the dual blade depth setting as explained above.

1.5 Using a cutting station

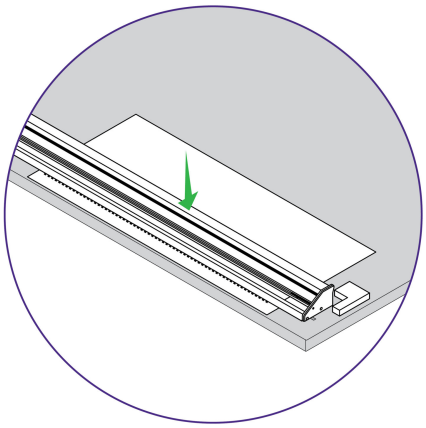
See how to create a cutting station >



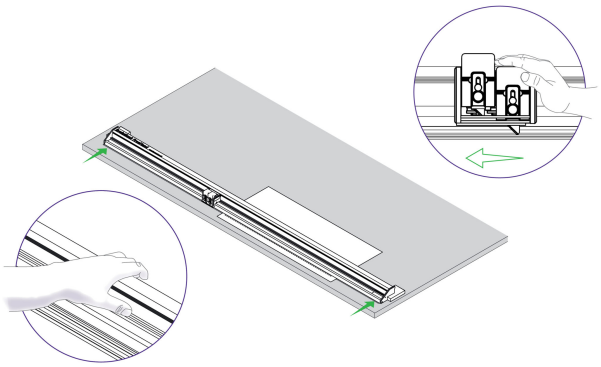
This process assumes a cutting groove has been made or the work surface has been covered with a cutting mat or other plastic material to act as a cutting mat.
Lift the FreeHand and place it on the back of the two blocks to hold it above the work surface.



Slide material to be cut under the FreeHand so that the cut position on the material is this side of the cutting line/groove on the work surface.



Lower the FreeHand from the blocks and align the sightline strip with the cut line.



Slide the material and the FreeHand back into the cutting position between the two blocks.
Hold down the cutter bar and make the cut.

