# What You'll Need

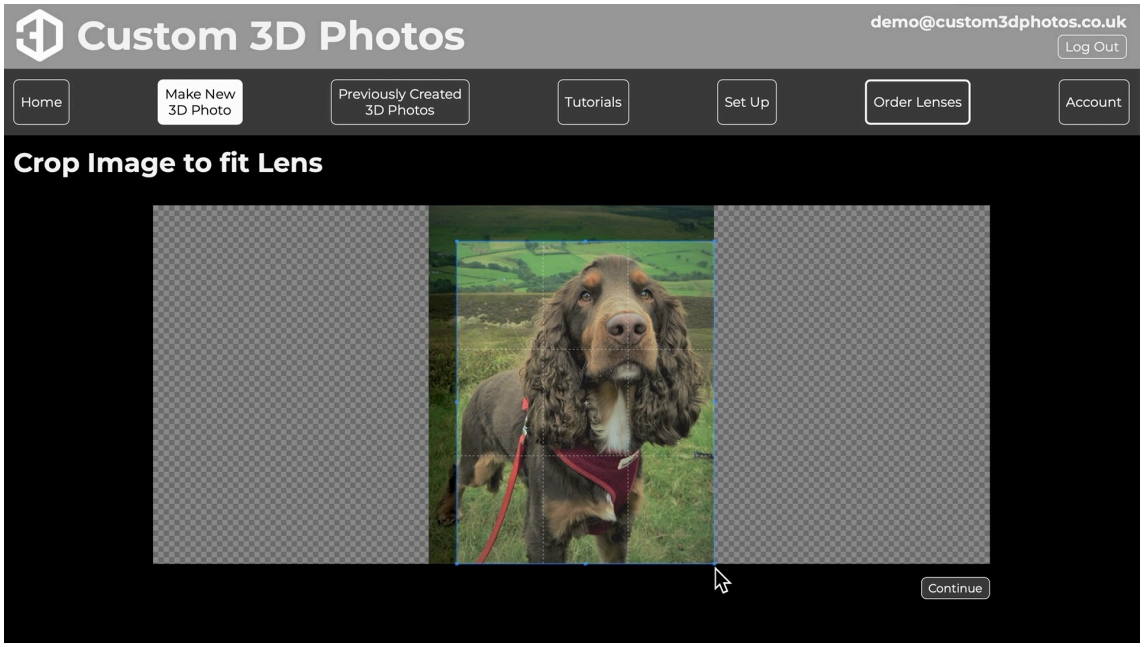
To make your 3D Photos from your images you will need :

- An Account on www.Custom3DPhotos.co.uk
- A Photoprinter capable of printing A4, with Premium Glossy A4 Photo Paper
- 3D Lenses
- A Lightbox (optional)
- A Cold Laminator
- A Guillotine or similar, and some masking tape

## An account on our website - www.custom3dphotos.co.uk

You'll need to register on our site at custom3dphotos.co.uk to Order your Lenses and make your 3D Photos.

The 3D Photo creation function on our website lets you convert any photo or realistic artwork into your 3D Print. It performs some advanced state of the art processing to calculate the necessary depth information for the image, and produces a pdf file you can print that works with our 3D lenses.



## A photo printer with premium glossy photo paper

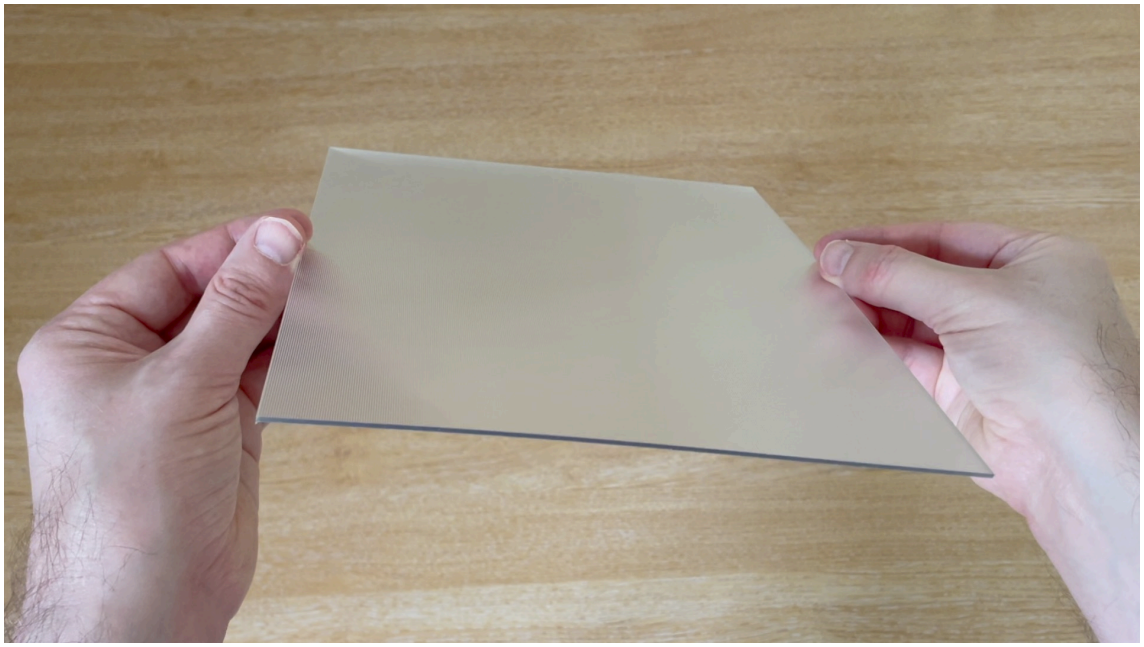
You'll be printing 8x10 inch prints on larger paper, and cropping them after the print ; A4 size premium glossy photo paper works well.  If you don't already have a photo printer that can print A4, a useable budget option for this is the Epson XP-15000.


The process works perfectly well at a resolution of 300 Dots Per Inch, which photo printers are generally more than capable of. Bear in mind the precision of the print is very important with these 3D photos - spending a little more on a more capable printer can give better results.

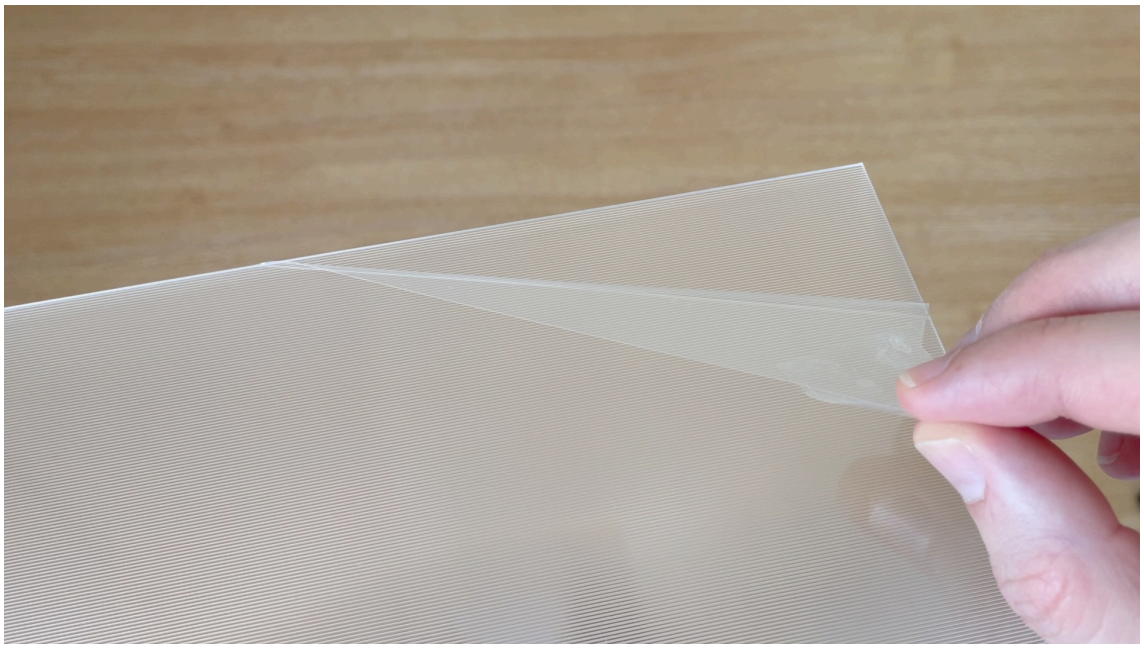
Epson XP-15000 Printer Product Page on Amazon UK :
https://amzn.eu/d/1F9Rksa

## 3D lenses

The 3D Lenses we supply are 8x10 inch - a standard size for framing if you choose to do so.  They are plastic, about 1.5mm thick, and will make a sturdy unframed product.



To make your 3D Photo the photo paper print is affixed to the back of the lens - viewing the print through the lens produces the 3D effect.  Our lenses come with optically clear adhesive applied to the back - you simply peel off the protective film for cold lamination to your print.



These Lenses are precisely manufactured with many columns of microlenses on the front ; It is these that cleverly bend the light from the print underneath to deliver differing perspectives to each eye.  This produces the 3D effect.

It is necessary to use a different lens for portrait and landscape orientations, since the microlens columns need to be viewed vertically for the 3D effect to work. Rotating a lens from portrait to landscape won't work, you need a lens specifically for portrait, and one for landscape.  We supply lenses for both portrait and landscape orientations.

**You can order lenses from us when you register on the website.**  We include some non-stick paper with the lenses ; This is useful when it comes to lining up your lenses to the print ready for laminating.

## A Lightbox (optional)

Before affixing the lens to the print, the lens needs to be lined up accurately.  The use of a lightbox makes this a little easier ; it's recommended you use one, but not completely necessary.

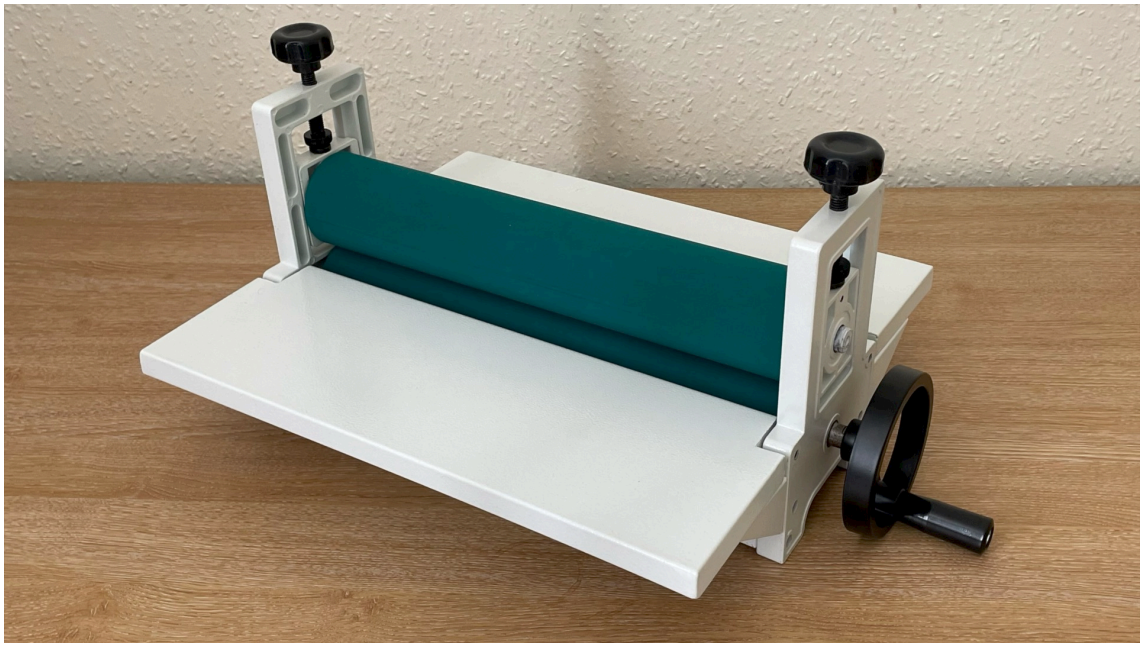
Example Light Box Product Page on Amazon UK :
https://amzn.eu/d/enSGe0f

## A Cold Laminator

You need a laminator to affix the print to the 3D lens.  Our Lenses come with adhesive applied ; use the laminator to apply pressure evenly to securely affix the print to the lens without any air bubbles.  Heat is not required.

The best style of laminator for this is one where the rollers are accessible and visible. This makes it easier to prevent the print making contact with the adhesive on the lens before the point where the rollers come together.  Laminators where the rollers are enclosed in a housing are unlikely to be suitable.

A good standard size option for our lenses is a 14 inch Manual Cold Laminator :



Example Laminator Product Page on Amazon UK :
https://amzn.eu/d/1jQWvow

## Masking Tape, Guillotine

You'll need some masking tape and a guillotine or some other method to trim down the photo paper once the Lens is affixed.