

## BEC Group Upgrades 3D Printer and Scanner

BEC Group have upgraded our 3D printing and scanning suite to make tooling and moulding development easier and quicker for our customers.



BEC clients are now able to reverse engineer projects from a legacy part or those without CAD drawings available. By bringing in a 3D part to BEC, scanning it with our new Einscan Pro HD 3D Scanner and producing a CAD file from this scan, clients can now create a traditional steel mould tool and produce mouldings from this. The Einscan Pro HD captures high resolution data at super quick speeds to produce highly accurate CAD drawings.

In addition, our new Fusion F410 3D printer will be utilised for prototyping, an important step that ties in with the Design for Manufacture process carried out by our design team. Using a 3D printer can remove 80% of the costs associated with prototyping through typical plastic injection moulding. The design can then be tweaked and re-printed to assess suitability for use and get a feel for the finished product. 3D printing prototypes can also be created in a far shorter timeline than injection mouldings- ideal for prototyping.

The Fusion F410 3D printer has print speeds of up to 250mm per second and a layer resolution as low as 20 microns for increased precision. A huge range of printable plastics can be used, including PLA, ABS, nylons and acrylics to allow for complete customisability to designs.



**Want to know more about our 3D printing and scanning suite and how it can benefit your project? Get in touch via 01425 613131 or [email](#). We're happy to help!**