

3D Printers BCN3D REVOLUTIONIZES EUROPEAN INSTITUTE OF DESIGN STUDENTS ACCELERATING THEIR THINKING



Barcelona, Sep 13, 2019 ([Issuewire.com](https://www.issuewire.com)) - BCN3D firm, dedicated to the manufacture of 3D printers in Barcelona (Spain), with the IED Barcelona School of Design It has allowed access to this 3D technology to 1,400 students. The incorporation of additive manufacturing in IED Barcelona in 2017, has provided students to quickly develop prototypes for their ideas in order to capture the full potential of the concept. After two years of experience with this technology, students have developed automobile concepts for 2035 cities, fashion accessories, models for future hospital environments or prototypes of objects made in collaboration with Artesans de Catalunya.

For this purpose, the IED sought a solution for its Maker Labs such as 3D printing for prototyping and functional tests. From the Istituto Europeo di Design, they chose to incorporate in their facilities two of the three-dimensional printers of BCN3D: the Sigma and the Sigmax. "For BCN3D to be able to offer our 3D printers to universities and specialized educational centres, such as IED, means entering a strategic sector with which we want to continue working closely. Our philosophy as a technology firm that designs and manufactures its own three-dimensional printers in Barcelona is focused on helping universities and educational and creativity centres to correctly implement 3D printing and go hand in hand with strategic partners, as is the case of IED ", says Xavier Martínez Faneca, CEO of BCN3D.

Reduce model creation time and increase interactions

For IED students it is not so much about the cost of materials; It is the reduction in manufacturing time

that really makes the difference. By not building the model through traditional methods, students can save quite a significant time. In addition, having 3D printers in their workshop allows them to test more designs in a shorter period of time and also manage to perform several iterations by design.

3D printers BCN3D in the Maker Lab of the IED Barcelona

The main reason why IED decided to invest in BCN3D printers for its Maker Lab was IDEX technology. IDEX is one of the most reliable technologies on the market when it comes to double extrusion technology. This is because the two extruders work independently when printing water-soluble media or pieces of various materials. While an extruder prints, the second one is parked, preventing the dripping of molten plastic into the piece. Conventional double extrusion printers have both extruders together, which can result in filament threads left in the part. IED Barcelona, through the use of 3D printing technologies, demonstrates how it can revolutionize the creative thinking of students.

<https://www.bcn3dtechnologies.com/en/istituto-europeo-design-bcn3d-printers-prototyping/>



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